

SPLIT-TYPEAIR CONDITIONER

	INDOOR UNIT	OUTDOOR UNIT
ModelCode:	AR09KSWSPWKNCV	AR09KSWSPWKXCV
	AR12KSWSPWKNCV	AR12KSWSPWKXCV
	AR18KSFPDWQNCV	AR18KSFPDWQXCV
	AR24KSFPDWQNCV	AR24KSFPDWQXCV
	AR09KSFPDWQNCV	AR09KSFPDWQNCV
	AR12KSFPDWQNCV	AR12KSFPDWQXCV
BasicCode:	AR09HSFSPWKNEE	AR09HSFSPWKXEE
basic code:		
	AR12HSFSPWKNEE	AR12HSFSPWKXEE
	AR18KSFTAWQNSA	AR18KSFTAWQXSA
	AR24KSFPAWQNER	AR24KSFPAWQXER
	AR09JSFPPWQNEE	AR09KSWSJWKXCV
	AR12JSFPPWQNEE	AR12KSWSJWKXCV

INDOOD LINE

SERVICE Manual

AIR CONDITIONER



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1. Precautions

1-1 Installing the air conditioner

- Uses should not install the air conditioner by themselves.
 Ask the dealer or authorized company to install the air conditioner except window-type air conditioner in U.S.A and Canada.
- If you don't install the air conditioner properly, it may cause a fire, a water leakage or an electric shock.
- You must install the air conditioner according to the national wiring regulations and safety regulations.
- Install the indoor unit higher than 2.5m from the floor to avoid the injury caused by the operation of the fan.
 (except the window-type air conditioner)
- The manufacturer is not responsible for any accidents or injury caused by an incorrect installation.
- When installing the built-in type air conditioner, keep all electric cables such as the power cable and the connection cord in pipes, ducts, or cable channels to protect them from the danger of impact or any other incidents.

1-2 Power supply and circuit breaker

- If the power cord of the air conditioner is damaged, it must be replaced by the manufacturer or a qualified person in order to avoid a hazard.
- The air conditioner must be plugged into an independent circuit if applicable or connect the power cable to the auxiliary circuit breaker.
 - An all pole disconnection form the power supply must be incorporated in the fixed wiring with a contact opening of>3mm.
- Do not extend an electric cord to the air conditioner.
- The air conditioner must be plugged in after you complete the installation.

1-3 During operation

- Do not repair the air conditioner at your discretion.
 - It is recommended to contact a service center directly.
- Never spill any kind of liquid on the air conditioner.
 - If this happens, turn off the air conditioner and contact an authorized service center.
- Do not insert anything between the airflow blades to prevent damage of the inner fan and consequent injury.
 Keep children away from the air conditioner.
- Do not place any obstacles in front of the air conditioner.
- Do not spray any kind of liquid into the indoor unit. If this happens, turn off the air conditioner and contact a service center.
- Make sure that the air conditioner is well ventilated at all times.
 Do not place a cloth or other materials over it.
- Remove the batteries if you don't use the remote control for a long time. (If applicable)
- Use the remote control within 7 meters from the indoor unit. (If applicable)



1-4 Disposing of the unit

- Before the throwing out the air conditioner, remove the batteries from the remote control.
- When you dispose of the air conditioner, consult your dealer. If pipes are removed incorrectly, refrigerant may blow out and cause air pollution. When it contacts with your skin, it can cause skin injury.
- The package of the air conditioner should be recycled or disposed of properly for environmental reasons.

1-5 Others

- Never store or load the air conditioner upside down or sideways to prevent the damage to the compressor.
- Young children or infirm persons should be always supervised when they use the air conditioner.
- Max current is measured according to IEC standard for safety.
- Current is measured according to ISO standard for energy efficiency.



1-2 Samsung Electronics

2. Product Specifications

2-1 The Feature of Product

- 2 step cooling
 - Get cool quickly and keep cool comfortably without shivering
- Single user mode
 - No worrying about the electricity bill, even using it when you're alone.
- Crystal gloss design
 - Uniquely stylish and innovative design to enhance your life and home
- Smart Wi-Fi
 - Control air conditioner anytime and anywhere
- Smart Installation
 - Get the confidence that it's perfectly installed
- Smart Check
 - Don't worry about the trouble-shooting in your home
- Triple Protector Plus
 - Use longer without damage in unsuitable conditions
- Easy Installation
 - Secure the easy Installation of Indoor unit and pipe connection
- Easy Filter
 - Quick and easy to clean filter saves time and effort

2-2 Product Specifications

			Model	AR09KSW	SPWKNCV	AR12KSW	SPWKNCV	AR18KSF	PDWQNCV	AR24KSF	PDWQNCV		
ITEM				Indoor Unit	Outoor Unit	Indoor Unit	Outoor Unit	Indoor Unit	Outoor Unit	Indoor Unit	Outoor Unit		
	Тур	e		Wall-m	ounted	Wall-m	nounted	Wall-m	ounted	Wall-mounted			
	0	Cooling	KW	0.90/2.	60/3.30	0.9/3	.5/4.0	1.60/5.	30/6.00	1.8/6.4/8.0			
	Capacity	Heating	(Low/Std/Max)	0.80/3.	50/5.20	0.8/4	.1/6.0	1.20/6.	20/6.80	1.3/7	.0/8.2		
	Running Frequency	Cooling	Hz	12/36/44		12/5	51/60	15/6	2/75	15/6	64/88		
	Running Frequency	Heating	(Low/Std/Max)	12/48/95		12/5	6/112	15/7	4/100	15/7	0/100		
Performance	Noise	Indoor Unit	dB	4	5	4	15	4	9	Ę	51		
	Noise	Outdoor Unit	(H/L)	5	1		53	5	7	6	60		
	Energy Efficiency	Cooling	W/W	4.	12	3.	66	3.	36	3.	07		
	Ratio	Heating	(Std)	4.	57	4.	23	3.	44	3.	07		
	Pow er		ph-V-Hz	1phase, 208-	230V~, 60Hz	1phase, 208-	-230V~, 60Hz	1phase, 208-	230V~, 60Hz	1phase, 208-	-230V~, 60Hz		
	Pow er Consumtion	Cooling	W	200/64	40/750	200/96	60/1110	300/15	70/1900	400/21	00/3000		
	rower consumition	Heating	(Low/Std/Max)	170/77	0/1350	170/97	70/1800	360/17	90/1850	350/22	90/2600		
Pow	Operating Current	Cooling	Α	1.4/3	.2/3.6	1.4/4	.6/5.1	1.9/7	.0/8.5	2.4/9.8/13.0			
row	Operating Current	Heating	(Low/Std/Max)	1.0/3	.8/6.5	1.0/4	.6/8.5	2.2/7	.8/8.5	1.9/10.5/11.5			
	Pow er Factor	Cooling	%	9	90		90	ę	10	95			
	rower ractor	Heating	(Std)	9	90		90	ę	0	95			
	Outer Dimension	Width*Height *Depth	mm	956*317*335	926*640*384	956*317*335	926*640*384	1125*290*375	1023*730*413	1125*290*375	1023*730*413		
	Weight(Net)		kg	12.5 38.5		12.5 38.5		11.5	43.5	11.5	52.5		
	Refrigerant Pipe	Liquid	mm	6.	35	6.35		6.	35	6.35			
	Kerngerant ripe	Gas	mm	9.	52	12	2.7	12	2.7	15.88			
Size	Drain Hose		L*D	550)*20	550	0*20	550)*20	550*20			
	Compressor	Туре		DA128A1FA-	20F(Toshiba)	DA128A1FA	-20F(Toshiba)	UG4T150	LNBEQSS	UG4T200	FUAE4SS		
	Compressor	Motor	Type	BL	DC	BL	.DC	BL	DC	BL	DC		
		Туре		Cross-flow	Propeller	Cross-flow	Propeller	Cross-flow	Propeller	Cross-flow	Propeller		
	Blow er	motor	Type	Resin/steel/AC	Resin/steel/DC	Resin/steel/AC	Resin/steel/DC	Resin/steel/AC	Resin/steel/DC	Resin/steel/AC	Resin/steel/DC		
		IIIotoi	Rated Output(W)	-	-	-	-	-	-	-	-		
Heat Exchange	er			2ROWx14STEP 1ROWx10STEP	2R x 24STEP	2ROWx14STEP 1ROWx10STEP	2R x 24STEP	2ROWx10STEP 2ROW x 6(5)STEP	1R x56STEP	2ROWx14STEP 1ROWx10STEP	1R x 71STEP		
Refrigerant Co	ntrol Unit			Expansion	on Valve	Expansi	on Valve	Expansi	on Valve	Expansi	on Valve		
Refrigerant to	Change(R410A)		g	12	00	12	200	11	50	14	150		
Proterction De	vice(OLP)			No	ne	No	one	No	ne	No	one		
Operation con	dition range	C	cooling	-15~	46℃	-15~	46℃	-10	~46	-10~	-10~46℃		
Operation con	uition range	Н	leating	-25~	24 ℃	-25~	24 ℃	-15	~24	-15~	-24℃		

2-2 Product Specifications

			Model	AR09KSF	PDWQNCV	AR12KSFI	PDWQNCV			
ITEM				Indoor Unit	Outoor Unit	Indoor Unit	Outoor Unit			
	Тур	ре		Wall-m	nounted	Wall-mounted				
		Cooling	KW	0.88/2.	64/3.30	0.88/3.52/3.96				
Performance N Eight R P Pow O W R Size D C	Capacity	Heating	(Low/Std/Max)	1.17/3.	22/3.75	1.17/3.	99/4.25			
	Running Frequency	Cooling	Hz	15/5	51/67	15/7	6/87			
	Running Frequency	Heating	(Low/Std/Max)	25/6	68/93	25/8	3/107			
Performance	Noise	Indoor Unit	dB	4	14	4	15			
	Noise	Outdoor Unit	(H/L)	5	51	5	i3			
Performance N Ei R Pow O V Size D C	Energy Efficiency	Cooling	W/W	3.	66	3.	08			
	Ratio	Heating	(Std)	3.	62	3.	25			
	Pow er		ph-V-Hz	1phase, 208-	-230V~, 60Hz	1phase, 208-	·230V~, 60Hz			
	Pow er Consumtion	Cooling	W	210/7	20/950	210/114	43/1360			
	Pow er Consumtion	Heating	(Low/Std/Max)	260/89	90/1000	260/12	25/1300			
D	On a setting Overset	Cooling	Α	1.3/3	.4/4.5	1.3/5.2/6.0				
ow	Operating Current	Heating	(Low/Std/Max)	1.6/4	.2/4.7	1.6/5.4/5.8				
	Pow er Factor	Cooling	%	8	35	8	35			
	Pow er Factor	Heating	(Std)	8	35	8	35			
	Outer Dimension	Width*Height *Depth	mm	880*260*360 926*640*384		880*260*360	926*640*384			
	Weight(Net)		kg	8.2 28.5		8.2 28.5				
C	Refrigerant Pipe	Liquid	mm	6.	35	6.35 9.52				
	Rerrigerant Ape	Gas	mm	9.	52					
Size	Drain Hose		L*D	550	0*20	550)*20			
	Compressor	Туре		UG9AJ10	90FERSS	UG9AJ10	90FERSS			
	Compressor	Motor	Туре	BL	.DC	BL	DC			
		Туре		Cross-flow	Propeller	Cross-flow	Propeller			
	Blow er	motor	Туре	Resin/steel/AC	Resin/steel/DC	Resin/steel/AC	Resin/steel/DC			
		motor	Rated Output(W)	-	-	-	-			
leat Exchang	er			2ROWx10STEP 2ROWx4STEP	1ROW x 24STEP	2ROWx10STEP 2ROWx4STEP	1ROW x 24STEP			
Refrigerant Co	ontrol Unit			Expansi	on Valve	Expansi	on Valve			
Refrigerant to	Change(R410A)		g	9	00	9	00			
roterction De	vice(OLP)			No	one	No	one			
	alisia a na ana		Cooling	-10~	-46℃	-10~	46℃			
Operation con	aition range	H	leating	-15~	-24℃	-15~	24 ℃			

2-3 The Comparative Specifications of Product

	MODEL	Develop Model	Develop Model	Develop Model	Develop Model
ITEM		AR09KSWSPWKNCV	AR12KSWSPWKNCV	AR18KSFPDWQNCV	AR24KSFPDWQNCV
	Indoor Unit				
Design	Outdoor Unit			SAMSUNS	SAMSUNG
Nat Wainkt	Indoor Unit (kg)	11	14	13.5	13.5
Net Weight	Outdoor Unit (kg)	37.5	82	46.5	56.5
Outer Dimension	Indoor Unit (mm*mm*mm)	956*317*335	956*317*335	1125*290*375	1125*290*375
Odler Dimension	Outdoor Unit (mm*mm*mm)	926*640*384	926*640*384	1023*730*413	1023*911*413
Naina	Indoor Unit (dB/dBA)	45	45	49	51
Noise	Outdoor Unit (dB/dBA)	51	53	57	60
Air Purifying System	Filter	3-CARE FILTER	3-CARE FILTER	3-CARE FILTER	3-CARE FILTER

2-3 The Comparative Specifications of Product

	MODEL	Develop Model	Develop Model				
ITEM	IVIODEL	AR09KSFPDWQNCV	AR12KSFPDWQNCV				
	Indoor Unit						
Design	Outdoor Unit						
Not Weight	Indoor Unit (kg)	8.2	11.5				
Net Weight	Outdoor Unit (kg)	28.5	43.5				
Outer Dimension	Indoor Unit (mm*mm*mm)	880*260*360	880*260*360				
Outer Diffiersion	Outdoor Unit (mm*mm*mm)	926*640*384	926*640*384				
Naisa	Indoor Unit (dB/dBA)	44	46				
Noise	Outdoor Unit (dB/dBA)	51	57				
Air Purifying System	Filter	3-CARE FILTER	3-CARE FILTER				

2-4 Accessory and Option Specifications

Item	Description	Code	Qty	Remark
		DB90-07732A (AR*KSWSPWKNCV)	1	
	Installation Plate	DB90-02738A (AR18,24KSFPDWQNCV)	·	
		DB97-02851C (AR09,12KSFPDWQNCV)		
	Remote controller	DB93-15882S	1	
	Batteries for Remote controller	4301-000121	2	Indoor unit case
	User's & Installation Manual	DB68-06226A (AR*KSWSPWKNCV) DB68-06195A (AR*KSFPDWQNCV)	1	
	Wi-Fi Manual	DB68-06227A (AR*KSWSPWKNCV)	1	
	Drain Plug	DB67-20011A	1	Outdoor unit case
	Rubber Leg	DB67-01533A	4	Outdoor unit case

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3. Alignment and Adjustments

3-1 Test Mode

■ How to Approach Test Mode

You can approach the test mode by pressing the on/off switch of indoor unit for 5 seconds.



■ Test mode operation option

After installing the air conditioner, check whether each subordinate is normally operated or not by operating the test mode.

- When an Error occurs, display the Error Mode.
- **Operation Mode :** Cool mode. operate the cool mode by operating the compressor by force without the compressor ON/OFF according to the set temperature/indoor temperature. (Do not follow the antifreeze control)
- **Up-down louver**: Up-down swing mode
- Indoor Fan: Turbo



• Because the teat mode operate the cool mode by force not related to the set temperature / indoor temperature, check whether each subordinate is operated normally or not after completing installation and must turn off the power of the air conditioner.

3-2 **Out door LED** Display Error and Check Method

3-2-1 Indoor Display Error and Check Method

ERROR M ODE	D ESCR IPT IO N
E101 / E102	Communication Error (Indo or Outdoor)
E121	ROOM TH sensor error
E122	INDOOR MID, INDOOR IN PIPE-TH sensor error
E154	Fan Error (Indoor)
E162	EEPROM Error (Indoor)
E163	Option Error
E203	Time out Comm. (Inv Micom ↔ Main Micom)
E221	OUT-TH(Outdoor Temperature) Sensor Error
E231	CON-TH(Cond Temperature) Sensor Error
E251	DIS-TH(Discharge Temperature) Sensor Error
E416	DIS-TH(Discharge Temperature) Over Error
E422	EEV or Valve Close error-Self diagnosis
E440	Prohibit Operation Condition Error (Heating)
E441	Prohibit Operation Condition Error (Cooling)
E458	Fan Error(Outdoor)
E461	Comp Starting Error
E462	AC Input I_Limit Trip Error
E464	IPM Over Current(0.C) Error
E465	Comp V_limit/I_limit Error
E466	DC-Link Voltage Under/Over Error
E467	Comp Wire Missing Error
E468	Current Sensor Error
E469	DC-Link Voltage Sensor Error
E470	EEPROM Data Error (no data)
E471	EEPROM Data Error (Main Micom↔Inv Micom)
E474	Heatsink Sensor Error
E483	Over Voltage Protection Error
E484	PFC Over Load Error
E485	Input Current Sensor Error
E488	AC Input Voltage Sensor Error
E500	Heatsink Over Temperature Error
E554	Gas Leak Error

	ERROR M	ODE							
7-SEG	LED1	LED2	LED3	DESCRIPTION					
_ , 526	OPERATION	TIMER	OPTION						
E101,E102	0	•	•	Communication error (indoor <-> outdoor)					
E121	0	•	0	ROOM TH sensor error					
E122,E123	•	•	0	INDOOR MID, INDOOR IN PIPE-TH sensor error					
E154	0	0	•	Fan error(indoor)					
E162	•	•	•	EEPROM error					
E163		0		Option error					
FROM E200		0		Outdoor error display					
E422		0		EEV or Valve Close error-Self diagnosis					

: LAMP ON : LAMP OFF : LAMP BLINK Note *

- If the Set doesn't work (No power), check the Thermal fuse of Terminal block OPEN or SHORT with Multimeter.

 - * Measure the Thermal fuse housing PIN#1 $^{\sim}$ 2 : OPEN(disconnection) -> defective product

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Outdoor LED Display Error and Check Method (09K/12K)

	LED PATTERN		DESCRIPTION
YEL	GRN	RED	DESCRIPTION
0	0	0	Power off/VDD NG
•	•	•	Power ON reset(1sec)
0	•	•	Normal Operation
0	0	•	Abnormal Communication (Indoor ↔Outdoor)
0	•	•	Abhomal Communication (indoor \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
0	0	•	IPM Over Current(O.C) Error
0	•	0	Comp Starting Error
0	•	0	EEPROM Data Error (no data)
			DC-Link Voltage Under/Over Error
0	•	•	PFC Over Load Error
			Over Voltage Protection Error
•	0	•	OUT-TH(Outdoor Temperature) Sensor Error
•	0	•	DIS-TH(Discharge Temperature) Over Error
•	•	0	DIS-TH(Discharge Temperature) Sensor Error
			Current Sensor Error
•	•	•	Heatsink Sensor Error
			Input Current Sensor Error
•		0	Comp V_limit/I_limit Error
			Heatsink Over Temperature Error
•	•	•	CON-TH(Cond Temperature) Sensor Error
•	•	•	Time out Comm. (Inv Micom ← Main Micom)
•	0	0	Fan Error(Outdoor)
•	0	•	EEPROM Data Error (Main Micom ←Inv Micom)
•	0	•	Comp Wire Missing Error
	•		Prohibit Operation Condition Error (Heating)
			Prohibit Operation Condition Error (Cooling)
			DC-Link Voltage Sensor Error
	•	•	AC Input Voltage Sensor Error
•	•	•	AC Input I_Limit Trip Error
		0	Gas Leak Error
			EEV or Valve Close error-Self diagnosis
0	•	•	Test Operation at Cooling Mode
•	•	•	Test Operation at Heating Mode

● LED ON, ○ LED OFF, ⊙ LED BLINKING

3-3 Setting Option Setup Method

ex) Option No. :

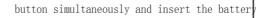
Note:

SEG1	SEG2	SEG3	SEG4	SEG5	SEG6	\$EG7	EG8 S	EG9 SE	G10 SE	G11 SE	12 SEG	13 SEGI	4 SEG15	SEG16	SEG17	SEG18	SEG19	SEG20	SEG21	SEG22	SEG23	SEG24	
0	3	0	0	0	0	1	ŋ	[5	8	[5	8	3	1	0	0	3	0	0	0	0	0
SEG25	SEG26	SEG27	SEG28	SEG29 S	SEG30 S	EG31 S	EG32 SI	G33 SE	G34 SE	\$35 SE(36 SEG	37 SEG3	8 SEG39	SEG40	SEG41	SEG42	SEG43	SEG44	SEG45	SEG46	SEG47	SEG48	
0	2	0	0	0	0	1	n	n	n	Ω	Λ	0	Ω	Ω	Ω	Ω	- 1	כ	0	Λ	.0	0	0

Step 1

Enter the Option Setup mode.

- 1. Tack out the batteries of remote control.
- 2. Press the temperati Temp

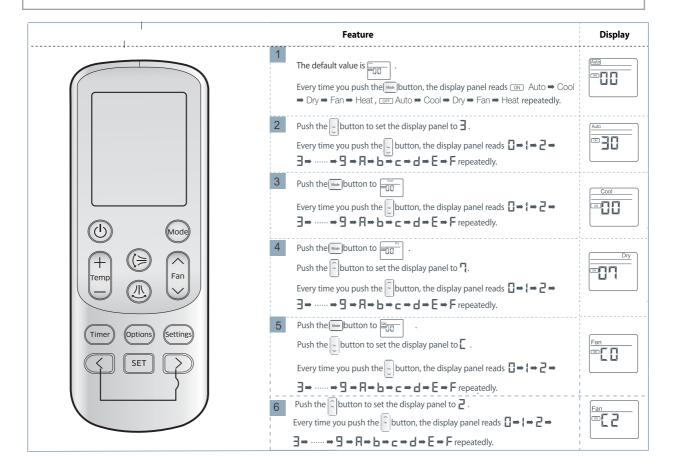


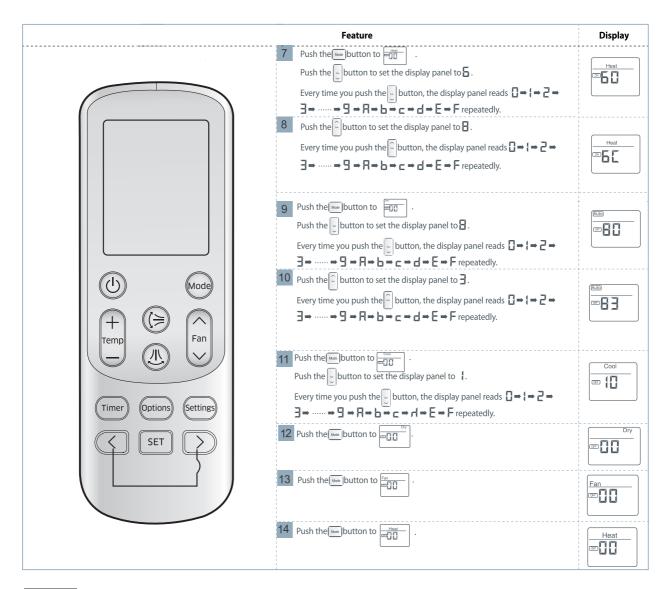


3. Make sure the remote control display shown as

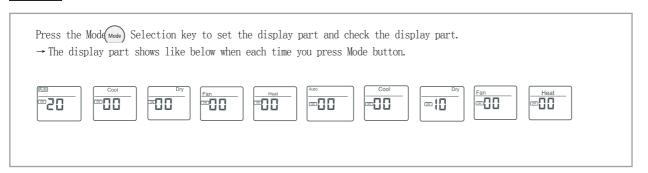
Step 2

Enter the Options Setup mode and select your options asscording to the following procedure.





Step 3 Upon completion of the selection, check you made right selections.



Step 4 Pressing the ON/OFF buttor).

When pressing the operation ON/OFF key with the direction of remote control for unit, the sound ''r⊅ing'' or '' and the OPERATION ICON () lamp of the display is flickering at the same time, then the input of option is completed. (If the deriving sound isn't heard, try again pressing the ON/OFF button.)

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Enter the Options Setup mode and select your options asscording to the following procedure.

	Feature	Display
	Step 1 (Enter the Option Setup mode) is executed. (Seg25 $^{\sim}$ 48 for setting remote control Setup)	
	Push the Mode button to set the display paner1 to 2. Every time you push the button, the display panel Peads! → 2 → 3 → · · · · · · · · · · · · · · · · ·	Cool
	4 Push the button to 0	Dry OT
(b) (Mode) (+) (□) (□) (□) (□) (□) (□) (□) (□) (□) (□	Push the wood button to DI	Fan
Temp	6 Push the [Note button to milder]]	Heat
Timer Options Settings	Push the web button to .	Auto GE DE DE
	8 Push the button to U.S	Cool
	9 Push the button to D.	Dry Ory
	Push the Mode button to set the display panerl to 1. Every time you push button, the display panel & ads $i \rightarrow 2$ $\rightarrow 3 \rightarrow \cdot \cdot \cdot 3 \rightarrow R \rightarrow b \rightarrow c \rightarrow d \rightarrow E \rightarrow F$ repeatedly.	Dry III
	Push the little button to Description.	Fan OFF DE LEGIS
	Push the book button to beautiful .	Heat

Step 6 Upon completion of the selection, check you made right selections.

Press the Mode Selection key to set the display part and check the display part.

→ The display part shows like below when each time you press Mode button.



Step 7 Pressing the ON/OFF buttor) .

When pressing the operation ON/OFF key with the direction of remote control for unit, the sound' 'Ding' ' or 'Diriring' is heard and the OPERATION ICON(\(\sigma\)) lamp of the display is flickering at the same time, then the input of option is completed.

(If the deriving sound isn' t heard, try again pressing the ON/OFF button.)

Step 8 Unit operation test-run.

First: Remove the battery from the remote control.

Second: Re-insert the battery into the remote control.

Third: Press ON/OFF key with the direction of remote control for set.

■ Error mode

- 1. If all lamps of indoor unit are flickering, Plug out, plug in power plug again and press ON/OFF key to retry.
- 2. If the unit is not working properly or all lamps are continuously flickering after setting the option code, see if the correct option code is set up for its model.

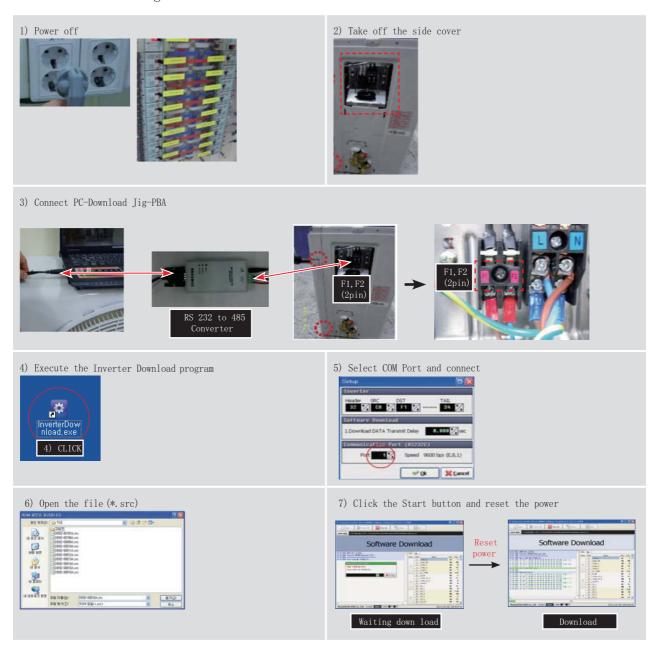
□ Option Items

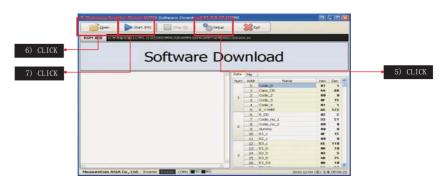
Model	SEG 1~24	SEG 25~48	SEG 49~72
AR09KSWSPWKNCV	010025-196A67-271920-37163E	020000-100000-200001-300000	033E3A-102430-200000-300001
AR12KSWSPWKNCV	010025-176A89-272328-37183E	020000-100000-200001-300000	03473F-103338-200000-300001
AR18KSFPDWQNCV	014025-18625C-27353E-372584	020000-100000-200000-300000	03474A-113E4A-200000-300001
AR24KSFPDWQNCV	014025-16629D-274046-371584	020000-100000-200000-300000	034849-114046-200000-300001
AR09KSFPDWQNCV	014025-16423B-271A20-371984	020000-100000-200000-300000	034441-103344-200000-300001
AR12KSFPDWQNCV	014025-16424C-272328-371A84	020000-100000-200000-300000	034E49-104C53-200000-300001

3-7 Samsung Electronics

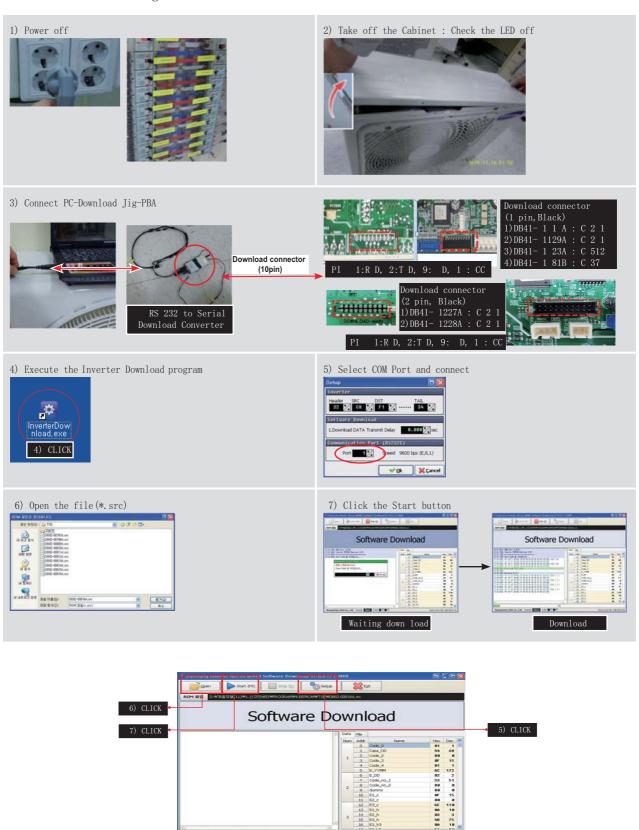
3-4 EEPROM Download (485 communication model)

■ Method#1 : Using Communication line





■ Method#2 : Using Serial line



3-9 Samsung Electronics

4. Disassembly and Reassembly

■ Necessary Tools

Item	Remark
+SCREW DRIVER	
MONKEY SPANNER	
- SCREW DRIVER	ESTIMAT -

4-1. Indoor Unit (AR09/12KSWSPWKNCV)

No	Parts	Procedure	Remark
1	PANEL-FRONT	Stop the driving of air conditioner and shut off main power supply.	LIMITED TO THE PARTY OF THE PAR
		2) Detach FILTER PRE from the PANEL FRONT.	Name of the second seco
		3) Cover Panel is assembled on bottom of indoor unit as shown in the figure. Remove the Cap Screw as shown on the right side and then remove the screw and separate the Cover Panel.	

4-2 Samsung Electronics





4-4 Samsung Electronics

No	Parts	Procedure	Remark
		7) To detach the PANEL-FRONT from the main frame, unfasten 2 screws at the bottom. (use + Screw Driver)	
			or and displayed in the second of the second
		8) To detach the COVER-PANEL from the main frame, loosen 4 HOOK Structures. When separate the hook: Use the (-) screw Driver. (-)Screw Driver Insert the hook and then pull the hook as shown on the right side. (Watch out for the damage of the hook)	

No	Parts	Procedure	Remark
		9) Remove the Panel Frame from the Main Frame as shown on the right side.	
		10) Remove the WIFI KIT connector. WIFI KIT connector is located of Panel Front. (For model with WIFI KIT)	

4-6 Samsung Electronics

No	Parts	Procedure	Remark
2	CONTORL IN	5) Loosen Stepping MOTOR Wire / BLADE Wire.	
		6) Loosen MOTOR Wire. A Caution: When you separate the connector, pull pressing the locking button.	
		7) Loosen the terminal block wires. A Caution: When you separate the connector, pull pressing the locking button.	
		8) Loosen the Thermistor wire connector, Display wire connector. A Caution: When you separate the connector, pull pressing the locking button.	

EVAPORATOR	O) Tales affal a CASE CONTROL forms	
	 9) Take off the CASE-CONTROL from the main frame after loosen the remaining connector. A Caution: When you separate the connector, pull pressing the locking button. 	
Tray Drain	To detach TRAY-DRAIN from the main frame, pull the bottom of the TRAY-DRAIN towards you.	
	TRAY DRAIN	TRAY DRAIN 1) To detach TRAY-DRAIN from the main frame, pull the bottom of the TRAY-DRAIN towards

4-8 Samsung Electronics

No	Parts	Procedure	Remark
4	Evaporator	1) Detach the HOLDER PIPE.	
		Unfasten the screw at the left side. (use + Screw Driver)	
		3) Unfasten the screw at the right side. (use + Screw Driver)	
		4) To detach Evaporator from the main frame, pull the bottom of the Evaporator towards you. 4) To detach Evaporator from the main frame, pull the bottom of the Evaporator towards you.	

No	Parts	Procedure	Remark
5	FAN MOTOR & CROSS FAN	1) Unfasten the screw. (use + Screw Driver)	
		2) Detach the FAN Motor case.	
		3) Unfasten the screw a little. (use + Screw Driver)	
		4) Pull the CROSS-FAN to the left side.	

4-10 Samsung Electronics

No	Parts	Procedure	Remark
No 6	Parts Assy SPI Lamp	Procedure 1) Remove the Assy SPI Lamp from the Back Body as shown on the right side. A Caution. - Confirm Seal of backside necessarily after replace of Assy SPI Lamp. - Seal should be close adhesion to SPI Lamp. - Measure as shown on the right side since replace. (If the seal is not close adhesion perfectly: Defectiveness can happen)	Remark

4-1 Indoor Unit(AR*KSFPDWQNCV)

No	Parts	Procedure	Remark
1	PANEL-FRONT	Stop the driving of air conditioner and shut off main power supply. Open the FRONT-GRILLE and pull out from the PANEL-FRONT.	7610.11.16 ⁻ 16191
		3) Detach COVER-TERMINAL from the PANEL-FRONT.(use + Screw Driver)	2010.11.16 16:39
		4) Loosen connector wire(white) and detach the temperature sensor wire.	Street Lab Ville
		5) To detach the FRONT-PANEL the main frame, unfasten 2 screw at the bottom.(use + Screw Driver)	2010, 117 16, 17-101
		6) Take off the FRONT-PANEL, lifting up the bottom.	70 D. 11. de 17.01

4-12 Samsung Electronics

No	Parts	Procedure	Remark
2	TRAY DRAIN	Loosen stepping motor wire and detach the hook of main frame.	
		2) To detach TRAY-DRAIN from the main frame, pull the bottom of the TRAY-DRAIN towards you.	
3	CONTROL IN	1) Unfasten the earth screw.(use + Screw Driver)	
		2) Detach COVER-CONTROL from the CASECONTROL.	B112-11-16 17:07
		3) Detach the temperature sensor.	
		4) Loosen MOTOR Wire.	SEC. 1 LANGE
		5) Take off the CASE-CONTROL from the main frame.	

No	Parts	Procedure	Remark
4	РВА	1) Unfasten the screw.	5050-17-16-17-102
		2) Cut the cable tie.	
		3) Loosen the terminal block wires. ** Caution: The terminal is locking type. So, when you separate terminals, pull pressing the button. Button	

4-14 Samsung Electronics

No	Parts	Procedure	Remark
4	РВА	4) Loosen the Motor connector A Caution: When you separate the connector, pull pressing the locking button.	The second of th
		5) Loosen Stepping MOTOR connector. A Caution: When you separate the connector, pull pressing the locking button.	
		6) Loosen Main Power connector. A Caution: When you separate the connector, pull pressing the locking button.	100000000000000000000000000000000000000
		7) Loosen the Thermistor wire connector. A Caution: When you separate the connector, pull pressing the locking button.	199009
		8) Loosen the Communication Wire connector and Terminal-Block Fuse connector A Caution: When you separate the connector, pull pressing the locking button.	

No	Parts	Procedure	Remark
5	EVAPORATOR	1) Unfasten the screw at the right side. (use + Screw Driver)	
		2) Unfasten the screw at the left side. (use + Screw Driver)	
		3) Detach the HOLDER PIPE.	
		4) Take off the EVAPORATOR from the main frame.	

4-16 Samsung Electronics

No	Parts	Procedure	Remark
6	FAN MOTOR & CROSS FAN	Unfasten the screw in the HOLDER-EVAP on the left side of evaporator.(use + Screw Driver)	
		2) unfasten the 3 points screws in the CASE-CONTROL, and then detach the CASE. (use + Screw Driver)	
		3) unfasten the screw a little.(use + Screw Driver)	
		4) Lift up the evaporator slightly and pull the CROSS-FAN to the left side.	

4 2 Outdoor Unit(AR09,12KS*XCV)

No	Parts	Procedure	Remark
1	Common Work	Loosen 1 fixing screw(CCW) of the Cover-Side. (Use +Screw Driver.)	
		2) Loosen each 5 screws(CCW) on both right and left Cabinet Side edges and a fixing screw on the Cabinet Front lower to detach the Cabinet Front. (Use +Screw Driver.)	
		3) Detach the Cabinet Upper li e the picture.	Ministry, const
		4) Loosen 2 screw(CCW) fixed to assemble Plate Control Out with Cabinet-Side RH. (Use +Screw Driver.)	

4-18 Samsung Electronics

No	Parts	Procedure	Remark
1	Common Work	5) Loosen 2 screw(CCW) on the right side of Cabinet Front. (Use +Screw Driver)	
		6) Loosen 2 screw(CCW) on the left side of Cabinet Front. (Use +Screw Driver)	
		7) Loosen 3 screw(CCW) on the front side of Cabinet Front. (Use +Screw Driver)	HLTT IF HUSS

4-19 Samsung Electronics

No	Parts	Procedure	Remark
		8) Loosen 4 fixing screws(CCW) on the rear side of Cabinet-Side RH. (Use +Screw Driver.)	
		9) Loosen 3 screws(CCW) fixed to assemble Bracket Valve with Cabinet-Side RH. (Use +Screw Driver.)	

No	Parts	Procedure	Remark
2	Ass'y Control Out	Detach the Motor Wire from the PCB of Ass'y Control Out.	THE REAL PROPERTY AND THE PARTY AND THE PART
		Detach several connectors from the PCB of Ass'y Control Out.	
		3) Detach 2 Connect Wires from Reactor.	
		4) Loosen 1 screw(CCW) fixed to assemble Ass'y Control Out with Partition. (Use +Screw Driver.)	

4–21 Samsung Electronics

No	Parts	Procedure	Remark
3	Fan & Motor	 Release 2 screw at CAP FAN Release Nut at Fan Boss Release 3 screws st Motor Brac et. Detach Motor Wire from the Assy Control Out. 	
4	Heat Exchanger	 Loosen 1 fixing screws(CCW) on both sides. (Use +Screw Driver.) Disassemble the pipes in both inlet and outlet with welding torch. Detach the Heat Exchanger. Before you disassemble the pipes and Condenser, be sure that there should be no refrigerant remained in the unit.	
5	Ass'y Valve 4-Way & Ass'y Valve EEV	 Loosen 4 bolts(CCW) fixed to assemble Valve Service with Bracket Valve like the picture on the right side. (Use Monkey Spanner.) Disassemble the pipes assembled the suction and discharge sides of the Compressor with welding torch. 	
6	Compressor	 Loosen the Nut(CCW) of Terminal Cover. (Use Monkey Spanner.) Detach the Terminal Cover and detach the Connect Comp Wire from Compressor. Disassemble the Felt Comp Sound. Loosen the 3 bolts(CCW) at the bottom of Compressor like the picture on the right side. (Use Monkey Spanner.) 	

4-2 Outdoor Unit _AR18KSFPDWQXCV

No	Parts	Procedure	Remark
1	Common Work	1) Loosen 2 fixing screw(CCW) of the Cover-Control and detach the Cover Control.	
		2) Loosen fixing screws(CCW) and detach the Cabinet-Upper.	
		3) Loosen 2 screw(CCW) fixed to assemble Control Box with Cabinet-Side RH.	
		4) Loosen 6 fixing screws(CCW) and detach the Cabinet-Side RH.	

4-23 Samsung Exectronics

No	Parts	Procedure	Remark
		6) Loosen fixing screws(CCW) of the Cabinet Front.	
			SINVERTER
		5) Loosen 2 screws(CCW) fixed on the Guide Condenser.	

No	Parts	Procedure	Remark
2	Fan ⊠ Motor	Detach the Nut Flange like the picture on the right side. (Turn clockwise because the screw is left-handed.)	
		Detach the Fan Propeller. Loosen 4 fixing screws(CCW) to detach the Motor.	
		4) Disconnect the wire between Ass'y Control Out and Motor.	
		5) Loosen 2 fixing screws(CCW) and detach the Bracket Motor.	

4-25 Samsung Electronics

No	Parts	Procedure	Remark
3	Ass'y Control Out	1) Detach several connectors from the Ass'y Control Out. 2) Detach several connectors from the PCB of Ass'y Control Out. 3) Pull up the Ass'y Control Out.	
4	Heat Exchanger	 Release the refrigerant at first Loosen fixing screw(CCW) and detach the steel bar. Disassemble the pipes in both inlet and outlet with welding torck. Before you disassemble the pipes and Condenser, be sure that there should be no refrigerant remained in the unit. 	
		1) Loosen fixing screw(CCW) and detach the Heat Exchanger	

No	Parts	Procedure	Remark
5	Compressor	Disassemble the Felt Comp Sound. Loosen the fixing nut(CCW) and detach the Compressor Lead Wire.	
		3) Loosen the 3 bolts(CCW) at the bottom of Compressor like the picture on the right side.	

4-27 Samsung Electronics

4-2 Outdoor Unit_AR24KSFPDWQXCV

No	Parts	Procedure	Remark
1	Common Work	1) Loosen each screws and detach the Cabi Top Cover.	SAMSUNG
		2) Loosen screws of the Cabi Front and detach it.	
			AC B AS

No	Parts	Procedure	Remark
		3) Loosen the 4 screws and detach the condbar.	
		4) Loosen fixing screws from the Cabi Front Lh and detach it.	
		5) Loosen fixing screws from the Cabi Side Rh and detach it.	

4-29 Samsung Electronics

No	Parts	Procedure	Remark
2	Fan & Motor	Detach the Nut Flange like the picture on the right side.(Turn clockwise because the screw is left-handed.) (Use Monkey Spanner.)	
		Detach the Fan Propeller. Loosen 4 fixing screws to detach the Motor. (Use Monkey Spanner.)	
		4) Disconnect the wire between Ass'y Control Out and Motor.	
		5) Loosen 2 fixing bolts and detach the Bracket Motor.(Use Monkey Spanner	

No	Parts	Procedure	Remark
3	Ass'y Control Out	To remove the Cover control box: Pull the motor wire is allow sufficient space as shown on the right side and then remove the screw.	
		Detach several connectors from the Ass'y Control Out. Detach several connectors from the PCB of Ass'y Control Out.	
4	Heat Exchanger	1) Release the refrigerant at first. 2) Loosen fixing screw on both sides. 3) Disassemble the pipes in both inlet and outlet with welding torch. 4) Detach the Heat Exchanger.	

4-31 Samsung Electronics

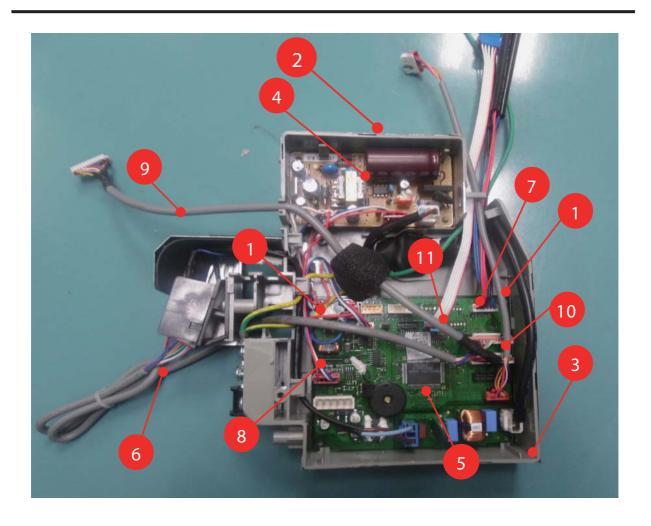
No	Parts	Procedure	Remark
5	Compressor	Loosen the fixing nut and detach the Compressor Lead Wire. (Use Monkey Spanner.)	
		2) Loosen the bolts at the bottom of Compressor like the picture on the right side. (Use Monkey Spanner.)	

5. Disassembly WIFI

5-1 WIFI Case(Only for wifi model)

No	Parts	Procedure	Remark
1	CASE	Separate Case-WIFI Top from Case-WIFI Button	TO SALISAND
2	BUTTON	Separate Case-WIFI Top from Case-WIFI Button	
3	SCREW	Detach SCREW from Case-WIFI Button	
4	WIRE	Detach Assy Connector Wire from Case-WIFI Button *Caution When you separate the connector , pull press -ing the locking button	COG78
5	РВА	Separate PBA WIFI from Case-WIFI Button	

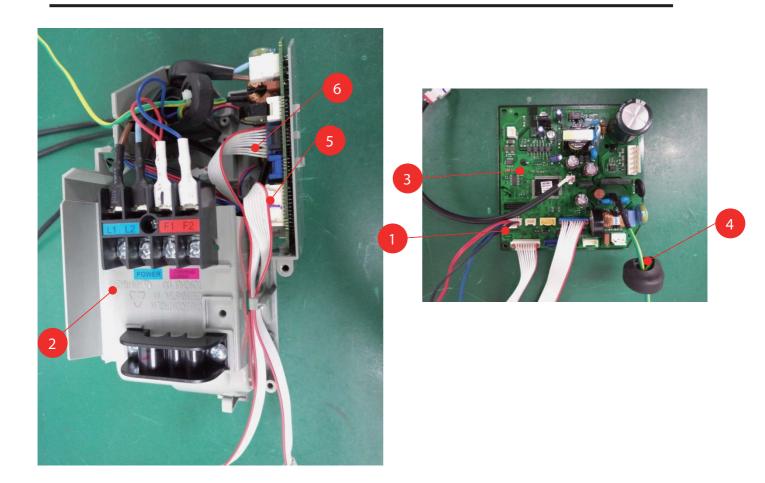
5-2 ASSY KIT -DB92-03569E(AR09,12KSWSPWKNCV)



No	CODE	Q'TY	DESCRIPTION
1	6002-000630	2	SCREW
2	DB68-02809A	1	ASSY LABEL
3	DB90-08173K	1	ASSY CASE CONTROL IN
4	DB92-02861A	1	POWER PBA
5	DB92-02873E	1	MAIN PBA
6	DB93-14221A	1	FJM CONNECTOR WIRE
7	DB95-05163A	1	SENSOR
8	DB93-14208A	1	CONNECTOR WIRE
9	DB93-14209B	1	CONNECTOR WIRE-DISPLAY
10	DB93-15445A	1	CONNECTOR WIRE-WIFI
11	DB93-14205A	0	CONNECTOR WIRE-L/R MOTOR

5-2 Samsung Electronics

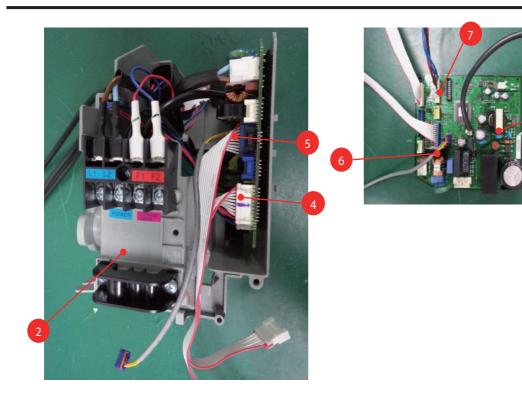
5-2 ASSY KIT -DB92-03946A(AR18,24KSFPDWQNCV)



No.	Code	Q'ty	DESCRIPTION	
1	DB95-05163A	1	SENSOR WIRE	
2	DB90-09530A	1	ASSY CASE CONTROL	
3	DB92-03467J	1	ASSY PCB MAIN	
4	DB93-06676A	1	EARTH WIRE	
5	DB93-10918H	1	ASSY CONNECTOR WIRE	
6	DB93-10943H	1	FJM CONNECTOR WIRE	

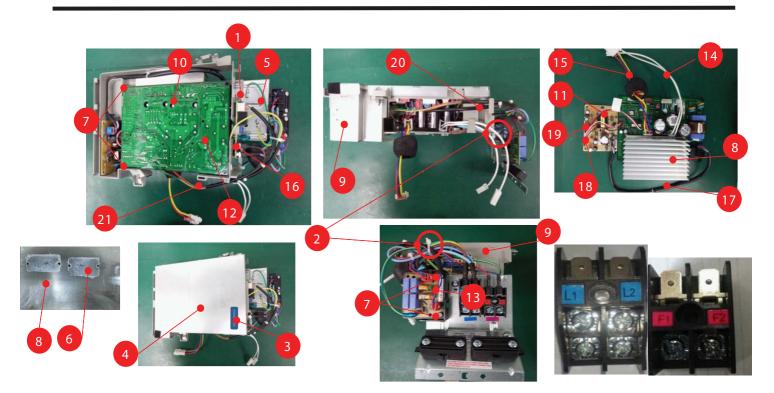
5-3 Samsung Electronics

5-2 ASSY KIT DB92-03945A(AR09,12KSFPDWQNCV)



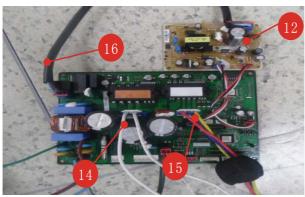
No	CODE	Q'TY	description	
1	DB68-02809A	1	label	
2	DB90-09531A	1	Assy case control in	
3	DB92-03619D	1	Main pba	
4	DB93-10918H	1	Connector wire-display	
5	DB93-10943H	1	Connector wire-FJM	
6	DB93-14726A	1	Connector wire-motor	
7	DB95-05163A	1	sensor	

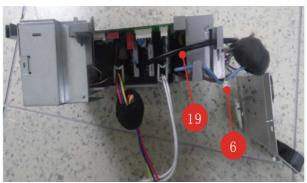
5-4 Samsung Electronics

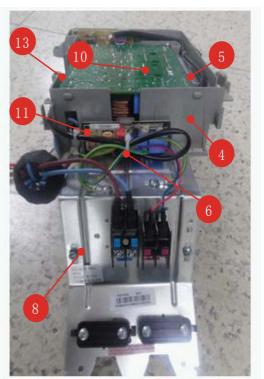


NO	CODE NO	QTY	NAME			
1	6002-000527	1	SCREW-TAPPING			
2	DB65-10088B	2	CABLE TIE			
3	DB68-02809A	1	LABEL BAR CODE			
4	DB90-07729A	1	ASSY COVER CONTROL-UP			
5	DB90-08330F	1	ASSY CASE CONTROL			
6	0205-000178	0.002KG	GREASE-SILICON			
7	6002-000536	4	SCREW-TAPPING			
8	DB62-11646A	1	HEAT SINK			
9	DB90-07833A	1	ASSY CASE CONTROL			
10	DB91-00933A	4	ASSY-SCREW MACHINE			
11	DB92-02862A	1	ASSY MODULE			
12	DB92-02866D	1	ASSY PCB MAIN			
13	DB92-03777A	1	ASSY PCB SUB			
14	DB93-09493F	1	ASSY CONNECTOR WIRE			
15	DB93-09497E	1	ASSY CONNECTOR WIRE			
16	DB93-13220A	1	ASSY PCB SUB-HEATER			
17	DB93-14275A	1	ASSY CONNECTOR WIRE-POWER			
18	DB93-14276A	1	ASSY CONNECTOR WIRE-DC SIGNAL			
19	DB93-14277B	1	ASSY CONNECTOR WIRE-DC SIGNAL			
20	DB93-15742A	1	ASSY CONNECTOR WIRE-DC SIGNAL			
21	DB93-15008A	1	ASSY CONNECTOR WIRE			

5-5 Samsung Electronics



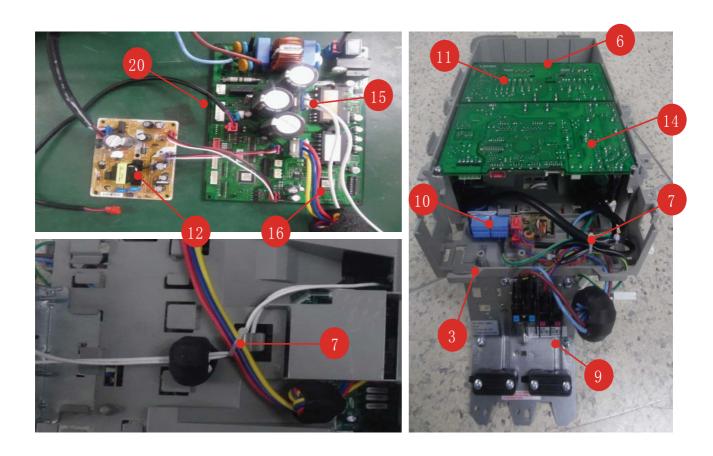




NO	CODE NO	QTY	NAME	NO	CODE NO	QTY	NAME
1	0205-000178	0.002KG	GREASE-SILICON	11	DB92-03724A	1	ASSY PCB SUB
2	6002-000527	1	SCREW-TAPPING	12	DB92-02862A	1	ASSY MODULE
3	6002-000536	2	SCREW-TAPPING	13	DB92-02866J	1	ASSY PCB MAIN
4	DB90-07833A	1	ASSY CASE CONTROL	14	DB93-09493F	1	ASSY CONNECTOR WIRE
5	DB62-11646A	1	HEAT SINK	15	DB93-09497E	1	ASSY CONNECTOR WIRE
6	DB65-10088B	2	CABLE TIE	16	DB93-14275A	1	ASSY CONNECTOR WIRE-POWER
7	DB68-02809A	1	LABEL BAR CODE	17	DB93-14276A	1	ASSY CONNECTOR WIRE-DC SIGNAL
8	DB90-08332B	1	ASSY CASE CONTROL	18	DB93-14277B	1	ASSY CONNECTOR WIRE-DC SIGNAL
9	DB90-07729A	1	ASSY COVER CONTROL-UP	19	DB93-15742A	1	ASSY CONNECTOR WIRE-COMM
10	DB91-00933A	4	ASSY-SCREW MACHINE				

5-6 Samsung Electronics

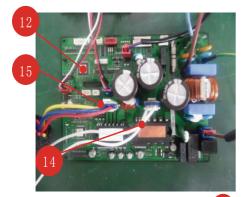


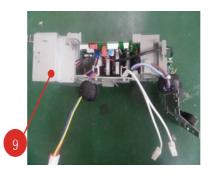


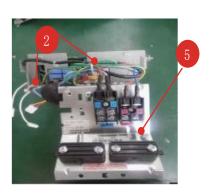
NO	CODE NO	QTY	NAME	NO	CODE NO	QTY	NAME
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2	6002-000536	4	SCREW-TAPPING	12	DB92-02862A	1	ASSY MODULE
3	DB61-05917A	1	CASE CONTROL	13	DB93-10821C	1	ASSY CONNECTOR WIRE-4WAY CONNECT
4	DB61-04910A	1	CASE CONTROL-UPPER	14	DB92-02867N	1	ASSY PCB MAIN
5	DB61-05790A	1	SUPPORT-HEAT SINK	15	DB93-10987A	1	ASSY CONNECTOR WIRE
6	DB62-10653A	1	HEAT SINK	16	DB93-10988E	1	ASSY CONNECTOR WIRE
7	DB65-10088B	2	CABLE TIE	17	DB93-14275A	1	ASSY CONNECTOR WIRE-POWER
8	DB68-02809A	1	LABEL BAR CODE	18	DB93-14276A	1	ASSY CONNECTOR WIRE-DC SIGNAL
9	DB90-06309U	1	ASSY CASE CONTROL	19	DB93-14277B	1	ASSY CONNECTOR WIRE-DC SIGNAL
10	DB92-03724A	1	ASSY PCB SUB	20	DB93-15742A	1	ASSY CONNECTOR WIRE-COMM

5-7 Samsung Electronics

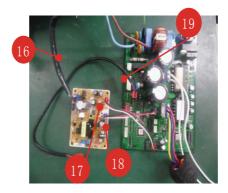














NO	CODE NO	QTY	NAME	NO	CODE NO	QTY	NAME
1	6002-000527	1	SCREW-TAPPING	11	DB92-02862A	1	ASSY MODULE
2	DB65-10088B	2	CABLE TIE	12	DB92-02866J	1	ASSY PCB MAIN
3	DB68-02809A	1	LABEL BAR CODE	13	DB92-03724A	1	ASSY PCB SUB
4	DB90-07729A	1	ASSY COVER CONTROL-UP	14	DB93-09493F	1	ASSY CONNECTOR WIRE
5	DB90-08330C	1	ASSY CASE CONTROL	15	DB93-09497E	1	ASSY CONNECTOR WIRE
6	0205-000178	0.002KG	GREASE-SILICON	16	DB93-14275A	1	ASSY CONNECTOR WIRE-POWER
7	6002-000536	2	SCREW-TAPPING	17	DB93-14276A	1	ASSY CONNECTOR WIRE-DC SIGNAL
8	DB62-11646A	1	HEAT SINK	18	DB93-14277B	1	ASSY CONNECTOR WIRE-DC SIGNAL
9	DB90-07833A	1	ASSY CASE CONTROL	19	DB93-15742A	1	ASSY CONNECTOR WIRE-COMM
10	DB91-00933A	4	ASSY-SCREW MACHINE				

5-8 Samsung Electronics

6-1 INDOOR MAIN PCB (DB92-02873F)_AR09,12KSWSPWKNCV

Parts Code Design Loc Parts Description Quantal Description 0201-002081 - ADHESIVE-SIL 0202-001463 SOLDER WIRE SOLDER-WIRE 0202-001608 SOLDER-WIRE FLUX SOLDER-WIRE FLUX 0204-004665 FLUX FLUX 0502-000245 Q701 TR-POWER 1405-001239 VA71 VARISTOR 2301-002032 XC71 C-FILM, LEAD-PPF 2301-002032 XC72 C-FILM, LEAD-PPF 3002-001139 BZ61 BUZZER-PIEZO 3711-000024 CN76 HEADER-BOARD TO CABLE 3711-000177 CN21 HEADER-BOARD TO CABLE 3711-00296 CN72 HEADER-BOARD TO CABLE 3711-009941 CN81 HEADER-BOARD TO CABLE 3711-009998 CN77 CONNECTOR-HEADER 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE	0.8 1.8 0.2 2 1 1 1 1 1 1 1 1 1 1 1
0202-001463 SOLDER WIRE SOLDER-WIRE FLUX 0202-001608 SOLDER-WIRE FLUX SOLDER-WIRE FLUX 0204-004665 FLUX FLUX 0502-000245 Q701 TR-POWER 1405-001239 VA71 VARISTOR 2301-002032 XC71 C-FILM, LEAD-PPF 2301-002032 XC72 C-FILM, LEAD-PPF 3002-001139 BZ61 BUZZER-PIEZO 3711-000024 CN76 HEADER-BOARD TO CABLE 3711-000177 CN21 HEADER-BOARD TO CABLE 3711-000203 CN75 HEADER-BOARD TO CABLE 3711-000296 CN72 HEADER-BOARD TO CABLE 3711-000991 CN81 HEADER-BOARD TO CABLE 3711-000999 CN61 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-003405 CN91 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005097 CN62 HEADER-BOARD TO CABLE 3711-	1.8 0.2 2 1 1 1 1 1 1 1 1 1 1 1 1 1
0202-001608 SOLDER-WIRE FLUX SOLDER-WIRE FLUX 0204-004665 FLUX FLUX 0502-000245 Q701 TR-POWER 1405-001239 VA71 VARISTOR 2301-002032 XC71 C-FILM, LEAD-PPF 2301-002032 XC72 C-FILM, LEAD-PPF 3002-001139 BZ61 BUZZER-PIEZO 3711-000024 CN76 HEADER-BOARD TO CABLE 3711-000177 CN21 HEADER-BOARD TO CABLE 3711-000203 CN75 HEADER-BOARD TO CABLE 3711-000941 CN81 HEADER-BOARD TO CABLE 3711-000998 CN77 CONNECTOR-HEADER 3711-002001 CN31 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-004122 CN32 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005098 CN51 HEADER-BOARD TO CABLE	0. 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0502-000245 Q701 TR-POWER 1405-001239 VA71 VARISTOR 2301-002032 XC71 C-FILM, LEAD-PPF 2301-002032 XC72 C-FILM, LEAD-PPF 3002-001139 BZ61 BUZZER-PIEZO 3711-000024 CN76 HEADER-BOARD TO CABLE 3711-000177 CN21 HEADER-BOARD TO CABLE 3711-000203 CN75 HEADER-BOARD TO CABLE 3711-000296 CN72 HEADER-BOARD TO CABLE 3711-000941 CN81 HEADER-BOARD TO CABLE 3711-000999 CN61 HEADER-BOARD TO CABLE 3711-002001 CN31 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-003405 CN91 HEADER-BOARD TO CABLE 3711-004122 CN32 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005098 CN62 HEADER-BOARD TO CABLE 3711-005098 CN62 HEADER-BOARD TO CABLE	1 1 1 1 1 1 1 1 1 1 1 1 1 1
1405-001239 VA71 VARISTOR 2301-002032 XC71 C-FILM, LEAD-PPF 2301-002032 XC72 C-FILM, LEAD-PPF 3002-001139 BZ61 BUZZER-PIEZO 3711-000024 CN76 HEADER-BOARD TO CABLE 3711-000177 CN21 HEADER-BOARD TO CABLE 3711-000203 CN75 HEADER-BOARD TO CABLE 3711-000296 CN72 HEADER-BOARD TO CABLE 3711-000941 CN81 HEADER-BOARD TO CABLE 3711-000998 CN77 CONNECTOR-HEADER 3711-000999 CN61 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-004122 CN32 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005098 CN61 HEADER-BOARD TO CABLE 3711-005098 CN61 HEADER-BOARD TO CABLE	1 1 1 1 1 1 1 1 1 1 1 1 1
2301-002032 XC71 C-FILM, LEAD-PPF 2301-002032 XC72 C-FILM, LEAD-PPF 3002-001139 BZ61 BUZZER-PIEZO 3711-000024 CN76 HEADER-BOARD TO CABLE 3711-000177 CN21 HEADER-BOARD TO CABLE 3711-000203 CN75 HEADER-BOARD TO CABLE 3711-000296 CN72 HEADER-BOARD TO CABLE 3711-000941 CN81 HEADER-BOARD TO CABLE 3711-000998 CN77 CONNECTOR-HEADER 3711-000999 CN61 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-004122 CN32 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005097 CN62 HEADER-BOARD TO CABLE 3711-005098 CN51 HEADER-BOARD TO CABLE	1 1 1 1 1 1 1 1 1 1 1 1
2301-002032 XC72 C-FILM, LEAD-PPF 3002-001139 BZ61 BUZZER-PIEZO 3711-000024 CN76 HEADER-BOARD TO CABLE 3711-000177 CN21 HEADER-BOARD TO CABLE 3711-000203 CN75 HEADER-BOARD TO CABLE 3711-000296 CN72 HEADER-BOARD TO CABLE 3711-000941 CN81 HEADER-BOARD TO CABLE 3711-000998 CN77 CONNECTOR-HEADER 3711-000999 CN61 HEADER-BOARD TO CABLE 3711-002001 CN31 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-003405 CN91 HEADER-BOARD TO CABLE 3711-004122 CN32 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005097 CN62 HEADER-BOARD TO CABLE 3711-005098 CN51 HEADER-BOARD TO CABLE	1 1 1 1 1 1 1 1 1 1 1
3002-001139 BZ61 BUZZER-PIEZO 3711-000024 CN76 HEADER-BOARD TO CABLE 3711-000177 CN21 HEADER-BOARD TO CABLE 3711-000203 CN75 HEADER-BOARD TO CABLE 3711-000296 CN72 HEADER-BOARD TO CABLE 3711-000941 CN81 HEADER-BOARD TO CABLE 3711-000998 CN77 CONNECTOR-HEADER 3711-000999 CN61 HEADER-BOARD TO CABLE 3711-002001 CN31 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-003405 CN91 HEADER-BOARD TO CABLE 3711-004122 CN32 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005097 CN62 HEADER-BOARD TO CABLE 3711-005098 CN51 HEADER-BOARD TO CABLE	1 1 1 1 1 1 1 1 1 1
3711-000024 CN76 HEADER-BOARD TO CABLE 3711-000177 CN21 HEADER-BOARD TO CABLE 3711-000203 CN75 HEADER-BOARD TO CABLE 3711-000296 CN72 HEADER-BOARD TO CABLE 3711-000941 CN81 HEADER-BOARD TO CABLE 3711-000998 CN77 CONNECTOR-HEADER 3711-000999 CN61 HEADER-BOARD TO CABLE 3711-002001 CN31 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-003495 CN91 HEADER-BOARD TO CABLE 3711-004122 CN32 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005097 CN62 HEADER-BOARD TO CABLE 3711-005098 CN51 HEADER-BOARD TO CABLE	1 1 1 1 1 1 1 1 1
3711-000177 CN21 HEADER-BOARD TO CABLE 3711-000203 CN75 HEADER-BOARD TO CABLE 3711-000296 CN72 HEADER-BOARD TO CABLE 3711-000941 CN81 HEADER-BOARD TO CABLE 3711-000998 CN77 CONNECTOR-HEADER 3711-000999 CN61 HEADER-BOARD TO CABLE 3711-002001 CN31 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-003845 CN91 HEADER-BOARD TO CABLE 3711-004122 CN32 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005097 CN62 HEADER-BOARD TO CABLE 3711-005098 CN51 HEADER-BOARD TO CABLE	1 1 1 1 1 1 1 1
3711-000203 CN75 HEADER-BOARD TO CABLE 3711-000296 CN72 HEADER-BOARD TO CABLE 3711-000941 CN81 HEADER-BOARD TO CABLE 3711-000998 CN77 CONNECTOR-HEADER 3711-000999 CN61 HEADER-BOARD TO CABLE 3711-002001 CN31 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-003845 CN91 HEADER-BOARD TO CABLE 3711-004122 CN32 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005097 CN62 HEADER-BOARD TO CABLE 3711-005098 CN51 HEADER-BOARD TO CABLE	1 1 1 1 1 1 1
3711-000296 CN72 HEADER-BOARD TO CABLE 3711-000941 CN81 HEADER-BOARD TO CABLE 3711-000998 CN77 CONNECTOR-HEADER 3711-000999 CN61 HEADER-BOARD TO CABLE 3711-002001 CN31 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-003845 CN91 HEADER-BOARD TO CABLE 3711-004122 CN32 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005097 CN62 HEADER-BOARD TO CABLE 3711-005098 CN51 HEADER-BOARD TO CABLE	1 1 1 1 1 1
3711-000998 CN77 CONNECTOR-HEADER 3711-000999 CN61 HEADER-BOARD TO CABLE 3711-002001 CN31 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-003845 CN91 HEADER-BOARD TO CABLE 3711-004122 CN32 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005097 CN62 HEADER-BOARD TO CABLE 3711-005098 CN51 HEADER-BOARD TO CABLE	1 1 1 1
3711-000999 CN61 HEADER-BOARD TO CABLE 3711-002001 CN31 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-003845 CN91 HEADER-BOARD TO CABLE 3711-004122 CN32 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005097 CN62 HEADER-BOARD TO CABLE 3711-005098 CN51 HEADER-BOARD TO CABLE	1 1 1
3711-002001 CN31 HEADER-BOARD TO CABLE 3711-003404 CN71 HEADER-BOARD TO CABLE 3711-003845 CN91 HEADER-BOARD TO CABLE 3711-004122 CN32 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005097 CN62 HEADER-BOARD TO CABLE 3711-005098 CN51 HEADER-BOARD TO CABLE	1 1 1
3711-003404 CN71 HEADER-BOARD TO CABLE 3711-003845 CN91 HEADER-BOARD TO CABLE 3711-004122 CN32 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005097 CN62 HEADER-BOARD TO CABLE 3711-005098 CN51 HEADER-BOARD TO CABLE	1 1
3711-003845 CN91 HEADER-BOARD TO CABLE 3711-004122 CN32 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005097 CN62 HEADER-BOARD TO CABLE 3711-005098 CN51 HEADER-BOARD TO CABLE	1
3711-004122 CN32 HEADER-BOARD TO CABLE 3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005097 CN62 HEADER-BOARD TO CABLE 3711-005098 CN51 HEADER-BOARD TO CABLE	
3711-004236 CN43 HEADER-BOARD TO CABLE 3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005097 CN62 HEADER-BOARD TO CABLE 3711-005098 CN51 HEADER-BOARD TO CABLE	
3711-005096 CN63 HEADER-BOARD TO CABLE 3711-005097 CN62 HEADER-BOARD TO CABLE 3711-005098 CN51 HEADER-BOARD TO CABLE	1
3711-005098 CN51 HEADER-BOARD TO CABLE	1
	1
DB27-00096A FT71 COIL CHOKE	1
DD07 001004 ET01	1
DB27-00102A FT81 COIL CHOKE DB68-02809A LABEL BAR CODE LABEL BAR CODE	1
DB68-02809A LABEL BAR CODE LABEL BAR CODE DB94-05569A - ASSY PCB AUTO	1 1
0501-000362 Q801 TR-SMALL SIGNAL	1
1404-001194 PTC2 THERMISTOR-PTC	1
3601-001765 F701 FUSE-RADIAL LEAD	1
DB94-05571A - ASSY PCB SMD	1
0202-001459 SOLDER CREAM SOLDER-CREAM	1
0402-001741 D701 DIODE-RECTIFIER	1
0406-001204 CD81 DIODE-TVS	1
0406-001204 CD82 DIODE-TVS 0406-001204 CD83 DIODE-TVS	1 1
0501-000465 Q702 TR-SMALL SIGNAL	1
0504-001080 Q601 TR-DIGITAL	1
0504-001080 Q802 TR-DIGITAL	1
0506-000175 IC05 TR-ARRAY	1
0506-000175 IC06 TR-ARRAY	1
0604-001002 PC03 PHOTO-COUPLER	1
0604-001002 PC04 PHOTO-COUPLER	1 1
0604-001002 PC05 PHOTO-COUPLER 0801-000393 IC08 IC-CMOS LOGIC	1
1006-001325 IC07 IC-BUS TRANSCEIVER	1
1202-000104 IC11 IC-VOLTAGE COMP.	1
1203-006245 IC03 IC-VOL. DETECTOR	1
1203-007526 IC02 IC-POSI. FIXED REG.	1
2007-000070 R717 R-CHIP	1
2007-000076 R601 R-CHIP	1
2007-000076 R602 R-CHIP 2007-000076 R716 R-CHIP	1 1
2007-000076 R716 R-CHIP 2007-000078 R703 R-CHIP	1
2007-000078 R705 R-CHIP	1
2007-000078 R805 R-CHIP	1
2007-000078 R815 R-CHIP	1
2007-000084 R707 R-CHIP	1
2007-000087 R708 R-CHIP	1
2007-000090 R701 R-CHIP	1
2007-000090 R704 R-CHIP	1 1
2007-000090 R705 R-CHIP 2007-000090 R723 R-CHIP	1
2007-000090 R723 R-CHIP 2007-000090 R801 R-CHIP	1
2007-000090 R802 R-CHIP	1
2007-000090 R803 R-CHIP	1
2007-000090 R804 R-CHIP	1

6-1 INDOOR MAIN PCB (DB92-02873F)

- 1110001111	IAIITI CD (DD)2 02		
2007-000090	R816	R-CHIP	1
2007-000116	R825	R-CHIP	1
2007-000130	R715	R-CHIP	1
2007-000138	R508	R-CHIP	1
2007-000138	R515	R-CHIP	1
2007-000138	R516	R-CHIP	1
2007-000138	R517	R-CHIP	1
2007-000138	R518	R-CHIP	1
2007-000138	R519	R-CHIP	1
2007-000138	R520	R-CHIP	1
2007-000138	R539	R-CHIP	1
2007-000138	R542	R-CHIP	1
2007-000138 2007-000140	R809 R538	R-CHIP R-CHIP	1
2007-000140	R545	R-CHIP	1
2007-000140	R806	R-CHIP	1
2007-000140	R901	R-CHIP	1
2007-000143	R511	R-CHIP	1
2007-000143	R512	R-CHIP	1
2007-000143	R513	R-CHIP	1
2007-000148	R502	R-CHIP	1
2007-000148	R503	R-CHIP	1
2007-000148	R504	R-CHIP	1
2007-000148	R505	R-CHIP	1
2007-000148	R506	R-CHIP	1
2007-000148	R507	R-CHIP	1
2007-000148	R510	R-CHIP	1
2007-000148	R521	R-CHIP	1
2007-000148	R522	R-CHIP	1
2007-000148	R523	R-CHIP	1
2007-000148	R524	R-CHIP	1
2007-000148	R525	R-CHIP	1
2007-000148	R526	R-CHIP	1
2007-000148	R527	R-CHIP	1
2007-000148	R528	R-CHIP	1
2007-000148	R529	R-CHIP	1
2007-000148	R530	R-CHIP	1
2007-000148	R531	R-CHIP	1
2007-000148	R532	R-CHIP	1
2007-000148	R533	R-CHIP	1
2007-000148	R534	R-CHIP	1
2007-000148	R543 R544	R-CHIP	1
2007-000148 2007-000148	R807	R-CHIP	1
2007-000148	R808	R-CHIP R-CHIP	1
2007-000148	R810	R-CHIP	1
2007-000148	R824	R-CHIP	1
2007-000148	R903	R-CHIP	1
2007-000148	R904	R-CHIP	1
2007-000157	R902	R-CHIP	1
2007-000162	R820	R-CHIP	1
2007-000162	R821	R-CHIP	1
2007-000171	R831	R-CHIP	1
2007-000171	R833	R-CHIP	1
2007-000171	R835	R-CHIP	1
2007-000171	R837	R-CHIP	1
2007-000171	R839	R-CHIP	1
2007-000171	R843	R-CHIP	1
2007-000303	R702	R-CHIP	1
2007-000385	R115	R-CHIP	1
2007-000455	R712	R-CHIP	1
2007-000475	R709	R-CHIP	1
2007-000583	R714	R-CHIP	1
2007-000924	R112	R-CHIP	1
2007-000924	R113	R-CHIP	1
2007-000924	R114	R-CHIP	1
2007-000939	R711	R-CHIP	1
2007-000979	R713	R-CHIP	1
2007-001313	R404	R-CHIP	1
2007-001313	R405	R-CHIP	1

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2007-001313 R410 R-CHIP				
2007-001313 R811 R-CHIP	2007-001313	R406	R-CHIP	1
2007-007313 R401 R-CHIP	2007-001313	R410	R-CHIP	1
2007-007313 2401 R-CHIP	2007-001313	R811	R-CHIP	1
2007-007313 2402 R-CHIP	2007-001433	R618	R-CHIP	1
2007-007313 R-030 R-CHIP	2007-007313	R401	R-CHIP	1
2007-009922 R301 R-CHIP	2007-007313	R402	R-CHIP	1
2007-009922 R302 R-CHIP	2007-007313	R403	R-CHIP	1
2007-009922 R303 R-CHIP	2007-009922	R301	R-CHIP	1
2203-000257 C705	2007-009922	R302	R-CHIP	1
2203-00057 C801	2007-009922	R303	R-CHIP	1
2203-00057 C801	2203-000257	C705		1
2203-000438 C508 C-CER, CHIP		C801		
2203-000438 C516 C-CER, CHIP 1 1 2203-000438 C520 C-CER, CHIP 1 1 1 2203-000438 C901 C-CER, CHIP 1 1 1 2203-000440 C715 C-CER, CHIP 1 1 2203-001071 C519 C-CER, CHIP 1 1 2203-001083 C711 C-CER, CHIP 1 1 2203-005249 C401 C-CER, CHIP 1 1 2203-005249 C402 C-CER, CHIP 1 1 2203-005249 C402 C-CER, CHIP 1 1 2203-005249 C402 C-CER, CHIP 1 1 2203-005249 C403 C-CER, CHIP 1 1 2203-005249 C511 C-CER, CHIP 1 1 2203-005249 C511 C-CER, CHIP 1 1 2203-005249 C513 C-CER, CHIP 1 1 2203-005249 C517 C-CER, CHIP 1 1 2203-005249 C517 C-CER, CHIP 1 1 2203-005249 C529 C-CER, CHIP 1 1 2203-005249 C530 C-CER, CHIP 1 1 2203-005249 C531 C-CER, CHIP 1 1 2203-005249 C533 C-CER, CHIP 1 1 2203-005249 C533 C-CER, CHIP 1 1 2203-005249 C702 C-CER, CHIP 1 1 2203-005249 C704 C-CER, CHIP 1 1 2203-005249 C704 C-CER, CHIP 1 1 2203-005249 C710 C-CER, CHIP 1 1 2203-005249 C710 C-CER, CHIP 1 1 2203-005249 C713 C-CER, CHIP 1 1 2203-005249 C713 C-CER, CHIP 1 1 2203-005249 C803 C-CER, CHIP 1 1 2203-005249 C805 C-CER, CHIP 1 1 2203-005249 C805 C-CER, CHIP 1 1 2203-005249 C805 C-CER, CHIP 1 1 2203-005249 C806 C-CER, CHIP 1 1 2203-005249 C708 C-CER, CHIP 1 1 2203-007486 C512 C-CER, CHIP 1 1 2203-007486 C512 C-CER, CHIP 1 1 2203-007486 C523 C-CER, CHIP 1 1 2203-007486 C524 C-CER, CHIP 1 1 2203-007486 C524 C-CER, CHIP 1 1 2203-007486 C524 C-CER, CHIP 1 1 2203-007486 C				
2203-000438 C520				
2203-000436				
2203-000440 C715 C-CER, CHIP 1 1 2203-001071 C519 C-CER, CHIP 1 1 1 2203-001083 C711 C-CER, CHIP 1 1 1 2203-005249 C401 C-CER, CHIP 1 1 1 2203-005249 C402 C-CER, CHIP 1 1 2203-005249 C402 C-CER, CHIP 1 1 2203-005249 C403 C-CER, CHIP 1 1 2203-005249 C511 C-CER, CHIP 1 1 1 2203-005249 C513 C-CER, CHIP 1 1 2203-005249 C513 C-CER, CHIP 1 1 2203-005249 C514 C-CER, CHIP 1 1 2203-005249 C515 C-CER, CHIP 1 1 1 2203-005249 C522 C-CER, CHIP 1 1 1 2203-005249 C522 C-CER, CHIP 1 1 1 2203-005249 C522 C-CER, CHIP 1 1 1 2203-005249 C530 C-CER, CHIP 1 1 2203-005249 C531 C-CER, CHIP 1 1 2203-005249 C533 C-CER, CHIP 1 1 2203-005249 C702 C-CER, CHIP 1 1 2203-005249 C702 C-CER, CHIP 1 1 2203-005249 C702 C-CER, CHIP 1 1 2203-005249 C704 C-CER, CHIP 1 1 2203-005249 C712 C-CER, CHIP 1 1 2203-005249 C712 C-CER, CHIP 1 1 2203-005249 C712 C-CER, CHIP 1 1 2203-005249 C803 C-CER, CHIP 1 1 2203-005249 C803 C-CER, CHIP 1 1 2203-005249 C805 C-CER, CHIP 1 1 2203-005249 C806 C-CER, CHIP 1 1 2203-007486 C512 C-CER, CHIP 1 1 2203-007486 C512 C-CER, CHIP 1 1 2203-007486 C512 C-CER, CHIP 1 1 2203-007486 C523 C-CER, CHIP 1 1 2203-007486 C523 C-CER, CHIP 1 1 2203-007486 C524 C-CER, CHIP 1 1 2203-007486 C526 C-CER, CHIP 1 1 2203-007486 C526 C-CER, CHIP 1 1 2203-007486 C526 C-CER, CHIP				
2203-001071 C519 C-CER, CHIP 1 2203-005249 C401 C-CER, CHIP 1 1 2203-005249 C402 C-CER, CHIP 1 1 2203-005249 C403 C-CER, CHIP 1 1 1 2203-005249 C403 C-CER, CHIP 1 1 1 2203-005249 C511 C-CER, CHIP 1 1 1 2203-005249 C511 C-CER, CHIP 1 1 1 2203-005249 C513 C-CER, CHIP 1 1 1 2203-005249 C514 C-CER, CHIP 1 1 2203-005249 C514 C-CER, CHIP 1 1 2203-005249 C514 C-CER, CHIP 1 1 2203-005249 C522 C-CER, CHIP 1 1 2203-005249 C522 C-CER, CHIP 1 1 2203-005249 C529 C-CER, CHIP 1 1 2203-005249 C530 C-CER, CHIP 1 1 2203-005249 C530 C-CER, CHIP 1 1 2203-005249 C533 C-CER, CHIP 1 1 2203-005249 C533 C-CER, CHIP 1 1 2203-005249 C702 C-CER, CHIP 1 1 2203-005249 C702 C-CER, CHIP 1 1 2203-005249 C704 C-CER, CHIP 1 1 2203-005249 C704 C-CER, CHIP 1 1 2203-005249 C710 C-CER, CHIP 1 1 2203-005249 C710 C-CER, CHIP 1 1 2203-005249 C713 C-CER, CHIP 1 1 2203-005249 C713 C-CER, CHIP 1 1 2203-005249 C802 C-CER, CHIP 1 1 2203-005249 C805 C-CER, CHIP 1 1 2203-005249 C805 C-CER, CHIP 1 1 2203-005249 C806 C-CER, CHIP 1 1 2203-00549 C806 C-CER, CHIP 1 1 2203-00549 C805 C-CER, CHIP 1 1 2203-00549 C806 C-CER, CHIP 1 1 2203-00549 C708 C-CER, CHIP 1 1 2203-007486 C515 C-CER, CHIP 1 1 2203-007486 C515 C-CER, CHIP 1 1 2203-007486 C515 C-CER, CHIP 1 1 2203-007486 C523 C-CER, CHIP 1 1 2203-007486 C524 C-CER, CHIP 1 1 2203-007486			·	
2203-001083 C711				
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2203-005249 C809 C-CER, CHIP 1 2203-006496 C707 C-CER, CHIP 1 2203-006960 C708 C-CER, CHIP 1 2203-007486 C509 C-CER, CHIP 1 2203-007486 C512 C-CER, CHIP 1 2203-007486 C515 C-CER, CHIP 1 2203-007486 C518 C-CER, CHIP 1 2203-007486 C521 C-CER, CHIP 1 2203-007486 C523 C-CER, CHIP 1 2203-007486 C526 C-CER, CHIP 1 2203-007486 C551 C-CER, CHIP 1 2203-007486 C552 C-CER, CHIP 1 2203-007486 C552 C-CER, CHIP 1 2203-007486 C804 C-CER, CHIP 1 2203-007486 C808 C-CER, CHIP 1 2402-00120 C706 C-AL, SMD 1 2402-001145 C701 C-AL, SMD 1 2402-001145 C703 C-AL, SMD 1 2402-00121 X501				1
2203-006496 C707 C-CER, CHIP 1 2203-006960 C708 C-CER, CHIP 1 2203-007486 C509 C-CER, CHIP 1 2203-007486 C512 C-CER, CHIP 1 2203-007486 C515 C-CER, CHIP 1 2203-007486 C518 C-CER, CHIP 1 2203-007486 C521 C-CER, CHIP 1 2203-007486 C523 C-CER, CHIP 1 2203-007486 C526 C-CER, CHIP 1 2203-007486 C528 C-CER, CHIP 1 2203-007486 C551 C-CER, CHIP 1 2203-007486 C552 C-CER, CHIP 1 2203-007486 C804 C-CER, CHIP 1 2203-007486 C808 C-CER, CHIP 1 2402-00120 C706 C-AL, SMD 1 2402-001145 C701 C-AL, SMD 1 2402-00121 X501 RESONATOR-CERAMIC 1 D841-01221A PCB MAIN PCB MAIN 1 D891-01707A IC04 <td></td> <td></td> <td></td> <td>1</td>				1
2203-006960 C708 C-CER, CHIP 1 2203-007486 C509 C-CER, CHIP 1 2203-007486 C512 C-CER, CHIP 1 2203-007486 C515 C-CER, CHIP 1 2203-007486 C518 C-CER, CHIP 1 2203-007486 C521 C-CER, CHIP 1 2203-007486 C523 C-CER, CHIP 1 2203-007486 C526 C-CER, CHIP 1 2203-007486 C528 C-CER, CHIP 1 2203-007486 C551 C-CER, CHIP 1 2203-007486 C552 C-CER, CHIP 1 2203-007486 C804 C-CER, CHIP 1 2203-007486 C808 C-CER, CHIP 1 2402-00120 C706 C-AL, SMD 1 2402-001145 C701 C-AL, SMD 1 2402-001145 C703 C-AL, SMD 1 2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1			· · ·	
2203-007486 C509 C-CER, CHIP 1 2203-007486 C512 C-CER, CHIP 1 2203-007486 C515 C-CER, CHIP 1 2203-007486 C518 C-CER, CHIP 1 2203-007486 C521 C-CER, CHIP 1 2203-007486 C523 C-CER, CHIP 1 2203-007486 C526 C-CER, CHIP 1 2203-007486 C528 C-CER, CHIP 1 2203-007486 C551 C-CER, CHIP 1 2203-007486 C804 C-CER, CHIP 1 2203-007486 C804 C-CER, CHIP 1 2402-00120 C706 C-AL, SMD 1 2402-001145 C701 C-AL, SMD 1 2402-001145 C703 C-AL, SMD 1 2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A ICO4 ASSY MICOM 1				1
2203-007486 C512 C-CER, CHIP 1 2203-007486 C515 C-CER, CHIP 1 2203-007486 C518 C-CER, CHIP 1 2203-007486 C521 C-CER, CHIP 1 2203-007486 C523 C-CER, CHIP 1 2203-007486 C526 C-CER, CHIP 1 2203-007486 C528 C-CER, CHIP 1 2203-007486 C551 C-CER, CHIP 1 2203-007486 C852 C-CER, CHIP 1 2203-007486 C804 C-CER, CHIP 1 2402-00146 C808 C-CER, CHIP 1 2402-00120 C706 C-AL, SMD 1 2402-001145 C701 C-AL, SMD 1 2402-001145 C703 C-AL, SMD 1 2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A IC04 ASSY MICOM 1				1
2203-007486 C515 C-CER, CHIP 1 2203-007486 C518 C-CER, CHIP 1 2203-007486 C521 C-CER, CHIP 1 2203-007486 C523 C-CER, CHIP 1 2203-007486 C526 C-CER, CHIP 1 2203-007486 C528 C-CER, CHIP 1 2203-007486 C551 C-CER, CHIP 1 2203-007486 C804 C-CER, CHIP 1 2203-007486 C808 C-CER, CHIP 1 2402-00120 C706 C-AL, SMD 1 2402-001145 C701 C-AL, SMD 1 2402-001145 C703 C-AL, SMD 1 2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A IC04 ASSY MICOM 1				
2203-007486 C518 C-CER, CHIP 1 2203-007486 C521 C-CER, CHIP 1 2203-007486 C523 C-CER, CHIP 1 2203-007486 C526 C-CER, CHIP 1 2203-007486 C528 C-CER, CHIP 1 2203-007486 C551 C-CER, CHIP 1 2203-007486 C804 C-CER, CHIP 1 2203-007486 C804 C-CER, CHIP 1 2402-00120 C706 C-AL, SMD 1 2402-001145 C701 C-AL, SMD 1 2402-001145 C703 C-AL, SMD 1 2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A IC04 ASSY MICOM 1				
2203-007486 C521 C-CER, CHIP 1 2203-007486 C523 C-CER, CHIP 1 2203-007486 C526 C-CER, CHIP 1 2203-007486 C528 C-CER, CHIP 1 2203-007486 C551 C-CER, CHIP 1 2203-007486 C552 C-CER, CHIP 1 2203-007486 C804 C-CER, CHIP 1 2402-00120 C706 C-AL, SMD 1 2402-001145 C701 C-AL, SMD 1 2402-001145 C703 C-AL, SMD 1 2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A IC04 ASSY MICOM 1				
2203-007486 C523 C-CER, CHIP 1 2203-007486 C526 C-CER, CHIP 1 2203-007486 C528 C-CER, CHIP 1 2203-007486 C551 C-CER, CHIP 1 2203-007486 C552 C-CER, CHIP 1 2203-007486 C804 C-CER, CHIP 1 2203-007486 C808 C-CER, CHIP 1 2402-00120 C706 C-AL, SMD 1 2402-001145 C701 C-AL, SMD 1 2402-001145 C703 C-AL, SMD 1 2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A IC04 ASSY MICOM 1			i ·	
2203-007486 C526 C-CER, CHIP 1 2203-007486 C528 C-CER, CHIP 1 2203-007486 C551 C-CER, CHIP 1 2203-007486 C552 C-CER, CHIP 1 2203-007486 C804 C-CER, CHIP 1 2203-007486 C808 C-CER, CHIP 1 2402-00120 C706 C-AL, SMD 1 2402-001145 C701 C-AL, SMD 1 2402-001145 C703 C-AL, SMD 1 2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A IC04 ASSY MICOM 1				
2203-007486 C528 C-CER, CHIP 1 2203-007486 C551 C-CER, CHIP 1 2203-007486 C552 C-CER, CHIP 1 2203-007486 C804 C-CER, CHIP 1 2402-00120 C706 C-AL, SMD 1 2402-001145 C701 C-AL, SMD 1 2402-001145 C703 C-AL, SMD 1 2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A IC04 ASSY MICOM 1				
2203-007486 C551 C-CER, CHIP 1 2203-007486 C552 C-CER, CHIP 1 2203-007486 C804 C-CER, CHIP 1 2203-007486 C808 C-CER, CHIP 1 2402-000120 C706 C-AL, SMD 1 2402-001145 C701 C-AL, SMD 1 2402-001145 C703 C-AL, SMD 1 2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A IC04 ASSY MICOM 1				
2203-007486 C552 C-CER, CHIP 1 2203-007486 C804 C-CER, CHIP 1 2203-007486 C808 C-CER, CHIP 1 2402-000120 C706 C-AL, SMD 1 2402-001145 C701 C-AL, SMD 1 2402-001145 C703 C-AL, SMD 1 2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A IC04 ASSY MICOM 1				
2203-007486 C804 C-CER, CHIP 1 2203-007486 C808 C-CER, CHIP 1 2402-000120 C706 C-AL, SMD 1 2402-001145 C701 C-AL, SMD 1 2402-001145 C703 C-AL, SMD 1 2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A IC04 ASSY MICOM 1				
2203-007486 C808 C-CER, CHIP 1 2402-000120 C706 C-AL, SMD 1 2402-001145 C701 C-AL, SMD 1 2402-001145 C703 C-AL, SMD 1 2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A IC04 ASSY MICOM 1				
2402-000120 C706 C-AL, SMD 1 2402-001145 C701 C-AL, SMD 1 2402-001145 C703 C-AL, SMD 1 2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A IC04 ASSY MICOM 1				
2402-001145 C701 C-AL, SMD 1 2402-001145 C703 C-AL, SMD 1 2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A IC04 ASSY MICOM 1				
2402-001145 C703 C-AL, SMD 1 2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A IC04 ASSY MICOM 1				
2802-001211 X501 RESONATOR-CERAMIC 1 DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A IC04 ASSY MICOM 1				
DB41-01221A PCB MAIN PCB MAIN 1 DB91-01707A IC04 ASSY MICOM 1				
DB91-01707A ICO4 ASSY MICOM 1				
0903-001864 - IC-MICROCONTROLLER 1		IC04	ASSY MICOM	1
	0903-001864	_	IC-MICROCONTROLLER	1

6-1 INDOOR MAIN PCB - DB92-03467J_AR18,24KSFPDWQNCV

Leve1	Parts Code	Design Loc	Quantity	Parts Description	Spec.	Unit
1	0201-002354	_	0.004	ADHESIVE-COM	1-2577, Translucent, 950	KG
1	0202-001463	SOLDER-WIRE	4	SOLDER-WIRE	LFC2-W3. 0, D3, 99. 79Sn/0. 2Cu/0. 01P	G
1	0202-001608	SOLDER-WIRE FLUX	0. 2	SOLDER-WIRE FLUX	LFC7-	G
1	0204-004665	FLUX		FLUX	107, D0. 8, 99. 3Sn/0. 7Cu/0. 01P, F1ux3-4%	G
1	0402-000324	BD71	1	DIODE-BRIDGE	KSP-70M-S, MIXTURE, NO, FLUX, 13% D3SB60, 600V, 4A, SIP-4, ST	PC
1		REG701	1	IC-POSI.FIXED REG.	KA78R15, TO- 220F, 4P, 10x15mm, PLASTIC, 14. 6/15. 4V, 1. 5 W20to+80C, 1A, -, ST	PC
1	1203-006089	PW101	1	IC-PWM CONTROLLER	TOP253PN, DIP, 7P, 6.35x9.57mm, PLASTIC, - 0.3V/700V, 15W, -40Cto+150C, 1.37A, ST	PC
1	1203-007320	IC102	1	IC-POSI.FIXED REG.	KIA78D12PI, TO- 220IS, 3P, 10. 3X15. 3mm, PLASTIC, 11. 7/12. 3 V, 2W, -40to+85C, 1A, ST	PC
1	1404-001413	NTC1	1	THERMISTOR-NTC	18ohm, 3A, 3200K, 19MWC, 15mm, BK, 17x6mm	PC
1	1405-000160	VA71	1	VARISTOR	680V, 560Vdc, 4500A, 17. 5x6. 5mm, TP, 1120V,	PC
			-		250pF	
1	2201-000987 2201-000987	C703	1	C-CERAMIC, DISC	2. 2nF, 20%, 400V, Y5U, BK, 12. 5x6mm, 10mm	PC PC
1	2301-000987	C704 XC71	1	C-CERAMIC, DISC C-FILM, LEAD-PPF	2. 2nF, 20%, 400V, Y5U, BK, 12. 5x6mm, 10mm 100nF, 10%, 275V, TP, 12. 5X6X12. 0	PC
1	2401-004393	CE101	1		100nF, 10%, 275V, 1P, 12. 5X6X12. U 100uF, 20%, 500V, BK, 25. 4x30mm, 10mm	PC
1	3002-001129	BZ61	1	BUZZER-PIEZO	85dB, 2KHz, BK	PC
1	3711-000015	CNS22	1	HEADER-BOARD TO CABLE	BOX, 2P, 1R, 2. 5mm, STRAIGHT, SN, WHT, 5. 8X7. 4X7. 0mm	PC
1	3711-000203	CNP71	1	HEADER-BOARD TO CABLE	1WALL, 2P/3P, 1R, 7. 92mm, STRAIGHT, SN, WHT, 11. 82x8. 6x9. 4mm	PC
1	3711-000296	CNP72	1	HEADER-BOARD TO CABLE	1WALL, 6P, 1R, 3.96MM, STRAIGHT, SN, WHT	PC
1	3711-000941	CNS81	1	HEADER-BOARD TO CABLE	BOX, 4P, 1R, 2.5mm, STRAIGHT, SN, YEL	PC
1	3711-002001	CNS31	1	HEADER-BOARD TO CABLE	BOX, 20P, 2R, 2. 0mm, STRAIGHT, SN, BLK, 5. 0X2 2. 0X6. 6mm	PC
1	3711-003942	CNS11	1	HEADER-BOARD TO CABLE	BOX, 2P, 1R, 2mm, STRAIGHT, SN, WHT, 5. 98x5. 1 x7. 7mm	PC
1	3711-004182	CNS91	1	HEADER-BOARD TO CABLE	BOX, 10P, 1R, 2mm, STRAIGHT, SN, WHT	PC
1	3711-004236	CNS43	1	HEADER-BOARD TO CABLE	BOX, 6P, 1R, 2mm, STRAIGHT, SN, WHT	PC
1	3711-004349	CNS42	1	HEADER-BOARD TO CABLE	BOX, 3P, 1R, 2mm, STRAIGHT, SN, WHT	PC
1	3711-004484	CNS61	1	HEADER-BOARD TO CABLE	BOX, 5P, 1R, 2mm, STRAIGHT, SN, WHT	PC
1	3711-005096	CNS63	1	HEADER-BOARD TO CABLE	BOX, 5P, 1R, 2MM, STRAIGHT, SN, BLK	PC
1	3711-005097	CNS62	1	HEADER-BOARD TO CABLE	BOX, 5P, 1R, 2MM, STRAIGHT, SN, BLU	PC
1	3711-006678	CNS32	1	HEADER-BOARD TO CABLE	BOX, 10P, 1R, 2mm, STRAIGHT, SN, BLU	PC
1	3712-001047	CNP73	1	CONNECTOR-TERMINAL	TAB, MALE, N, 0. 5/4. 75mm	PC
1	DB27-00096A	FT71	1	COIL CHOKE	CV1615280, COIL CHOKE, 28. 0mH, +50~-30%, 268. 0m ohm, 1. 5A, 66, 21*22*15. 5*4, 13x10, Mn-Zn. 4. DIP	PC
1	DB67-00942A	VA71-1	1	CAP	VIVALDI-	PC
1	DB68-05458A	LABEL BAR CODE	1	LABEL BAR CODE	P/J, SHP2, 1, 5, 2, 11, 5, 18, 5, GREEN, SSEC AM9000H, ART, W17, 5, L15, PCB PARTS	PC
1	DBGG GG 166H	ENDEE BIN CODE		ENDEE BIN CODE	MAIN, NEW BORACAY, 120*120, Y, 220-	10
1	DB94-06021A	_	1	ASSY PCB AUTO	240V, 19V, 12V, 5V, 15W, 485-INV, BLDC FAN, NO, Y-CAP, DB92-03467 I	PC
2	0501-000362	Q801	1	TR-SMALL SIGNAL	KSC2328A-Y, NPN, 1000mW, T0-92L, TP, 160-	PC
2	1203-003318			IC-POSI. ADJUST REG.	KIA431A, TO- 92, 3P, 4. 7x4. 8mm, PLASTIC, 700mW, - 40to+85, 1mA, 2. 47/2. 52V, TP, Marking: 3B,	PC
	0000 00010	DIOS	-	D METAL OVER (C)	Shunt	DC.
2	2003-002406			R-METAL OXIDE(S)	300Kohm, 5%, 2W, AA, TP, 3. 8x12mm	PC
2		C102		C-CERAMIC, DISC	1nF, 10%, 1000V, Y5P, TP, 8x5mm, 5mm	PC
2	2401-000480	C706	1	C-AL	10uF, 20%, 50V, GP, TP, 5x11, 5	PC
2	2401-000480	CE104	1	C-AL	10uF, 20%, 50V, GP, TP, 5x11, 5	PC
2	2401-000480	CE107	1	C-AL	10uF, 20%, 50V, GP, TP, 5x11, 5	PC
2	2401-001415	CE111	1	C-AL	470uF, 20%, 35V, GP, TP, 10x20, 5	PC
2	2401-001838	CE108	1	C-AL	470uF, 20%, 25V, WT, TP, 10x16, 5mm	PC
2	2401-001838	CE113	1	C-AL	470uF, 20%, 25V, WT, TP, 10x16, 5mm	PC
2	3601-001209	F702	1	FUSE-RADIAL LEAD	250V, 1A, TIME-LAG, -, 8. 5x8mm	PC
2		F701	1	FUSE-RADIAL LEAD	250V, 3. 15A, TIME- LAG, Thermoplastic, 8. 5x8mm	PC
2	DB94-06022A	_	1	ASSY PCB SMD	MAIN, NEW BORACAY, 120*120, Y, 220- 240V, 19V, 12V, 5V, 15W, 485-INV, BLDC FAN, NO Y-CAP, DB92-03467J	PC
3	0202-001933	SOLDER-CREAM	1	SOLDER-CREAM	LFM-48W TM- HP, D20~38um, 96. 5Sn/3Ag/0. 5Cu, FLUX 12%	G
3	0402-001192	D103	1	DIODE-RECTIFIER	ES2D, 200V, 2A, SMB, TP	PC
3	0402-001192		1	DIODE-RECTIFIER	ES2D, 200V, 2A, SMB, TP	PC
3	0402-001741		1	DIODE-RECTIFIER	S1M, 1000V, 1A, SMA, TP	PC
3	0402-001795		1	DIODE-RECTIFIER	US1M, 1000V, 1A, SMA, TP	PC
3	0402-001795		1	DIODE-RECTIFIER	US1M, 1000V, 1A, SMA, TP	PC
3	0406-001204	CDO1	1	DIODE-TVS	SMBJ5. OCA, 6. 4/-/7. 25V, 600W, SMB	PC

6-1 INDOOR MAIN PCB - DB92-03467J

100 100	Level	Parts Code	Design Loc	Parts Description	Spec.	Quantity Unit
1000 2000		0201-002354	_	ADHESIVE-COM	1-2577, Translucent, 950	
1.000-000-000 P.123						
1002-000324 PETT						
1.	1	0402-000324	BD71	DIODE-BRIDGE	D3SB60, 600V, 4A, SIP-4, ST	1 PC
1000 007723 C1020						
1905-000100 1971						
201-00007 PGP						
2021-000007 F781						
100.001895 10149						
1000 001 120						
171 - 0000115 000000 000000 000000 000000 000000						
No.	1	3711-000015	CNS22	HEADER-BOARD TO CABLE	BOX, 2P, 1R, 2.5mm, STRAIGHT, SN, WHT, 5.8X7.4X7.0mm	1 PC
1711-090911 SSSSI						
1711 1902201						
P71 - 04132 SSS1	1	3711-002001	CNS31	HEADER-BOARD TO CABLE	BOX, 20P, 2R, 2. 0mm, STRAIGHT, SN, BLK, 5. 0X22. 0X6. 6mm	1 PC
1711-094226 SSS22						
1711-00-184 NSS01						
ST11.096276 SSS2	1	3711-004484	CNS61	HEADER-BOARD TO CABLE	BOX, 5P, 1R, 2mm, STRAIGHT, SN, WHT	
1712-0801-047 SEPT24 CONNETTION FOR THE PROPERTY NAME 160, 267-4, 7 Page 1712-1812 CONNETTION FOR THE PROPERTY NAME 1 Page						
1 0807 08072 0						
1						
1						
1201-003218 13:01		DB94-06021A	-	ASSY PCB AUTO	MAIN, NEW BORACAY, 120*120, Y, 220-240V, 19V	1 PC
2 2003-002400 \$10.5						
1	2					
	2	2201-000285	C102	C-CERAMIC, DISC	1nF, 10%, 1000V, Y5P, TP, 8x5mm, 5mm	1 PC
2 2401-090140 E107	2					
Per Per						
2 240 001839 CF13 CAL	2	2401-001415	CE111	C-AL	470uF, 20%, 35V, GP, TP, 10x20mm, 5mm	1 PC
2 301-01209 702 FESE-RADIAL LEAD 250V, 1A, THELEAD, 6, 8, 586ms 1 PC 3 301-01209 702 FESERADIAL LEAD 250V, 1A, THELEAD, 6, 8, 586ms 1 PC 702-01203 702-012					470uF, 20%, 25V, WT, TP, 10x16mm, 5mm	
2 0001-001760 F701						
2 0994-060224 ASSY PER SUD MAIN, NER BORGACY, 120+120, Y, 220-210Y, 19Y, 127, 138 1 C.						
	2		-			
3 0402-001192 0104 DIODE_RECTIFIER SSD_200V_2A, SMB_TP 1 PC	3					
3 0402-001795 D102 D109E-RECTIFIER SSIM, 1000V, IA, SMA, TP 1 PC	3					
3 0402-001795 0102 D1008-TRETFFIER SSIM, 1000V, IA, SMA, TP 1 PC 3 0406-001204 C082 D1008-TVS SMB15, OCA, 64, 47, 77, 25V, 600V, SMB 1 PC 3 0406-001204 C082 D1008-TVS SMB15, OCA, 64, 47, 77, 25V, 600V, SMB 1 PC C085 D1008-TVS SMB15, OCA, 64, 47, 77, 25V, 600V, SMB 1 PC C085 D1008-TVS SMB15, OCA, 64, 47, 77, 25V, 600V, SMB 1 PC C085 D1008-TVS SMB15, OCA, 64, 47, 77, 25V, 600V, SMB 1 PC C085 D1008-TVS SMB15, OCA, 64, 47, 77, 25V, 600V, SMB 1 PC C085 D1008-TVS SMB15, OCA, 64, 47, 77, 25V, 600V, SMB 1 PC C085 D1008-TVS SMB15, OCA, 64, 47, 77, 25V, 600V, SMB 1 PC C085 D1008-TVS D1						
3 0406-001240 CD82 DIODE-TVS SMB, 5,0.CA, 6,4.77,28,0.00W, SMB 1 PC						
3 0406-001291 0803 DIODE-TYS SMB15, OCA, 6. 4/-77, 287, 9009, SMB PC 3 3 0501-00465 0702 TR-SMAL SIGNAL MMT3004, PKP, 3504W, S07-23, TP, 30' 300 1 PC 3 0501-00466 0702 TR-SMAL SIGNAL MMT3004, PKP, 3504W, S07-23, TP, 30' 300 1 PC 1 1 1 1 1 1 1 1 1						
3 0601-000465 0601 TR-SMAL SIGNAL MBFT3904, PFP, 3506W, S07-23, TP, 30* 300 1 PC						
3 0601-000468 Q702 TR-SMALL SIGNAL MMST3904, NPN, \$500w, \$07-23, TP, \$07300 TPC						
3 0051-000465 6802 TR-SMALL SIGNAL MMBT3904, NPN, \$500W, \$SH3T, TP, 100-300 TPC						
3 0506-090175 C101 TR-ARRAY 2003, NPN, 7, 1000m8, SOP-16, ST, 10000 1 PC	3			TR-SMALL SIGNAL	MMBT3904, NPN, 350mW, SOT-23, TP, 30~300	
3 0506-000175 C10 TR-ARRAY 2003, NPN, 7, 100008, SOP-16, ST, 10000 1 PC						
3 0604-001002 PCO1						
3 0604-001002 CC05					TR, 100-600%, 170mW, SOP-4, TP	
3 0604-001002 PC101 PHOTO-COUPLER TR, 100-6008, 170m, S0P-4, TP 1 PC 3 0801-00393 1008 10-CNOS LOGIC 744C86, 08 CATE, 506, 08 CATE, 504, 18 504, 19 504, 19 1008 1008 1009 1012 1009 1012 1009 1012 1009 1012 1009 1012 1009 1012 1009 1012 1009 1012 1009 1012 1009 1012 1009 1012 1009 1012 1009 1012 1009 1012 1009 1012 1009 1012 1009 1012 1009						
3 0801-000393 ICOS ICOS LOGIC 741CS6, OR CATE, SOP, 14P, 1500HL, QUAD, ST, - 1 PC 3 1000-001325 ICOT IC-BUST TRANSCEIVER SO, 8P, 4, 9x, 3 & mg, VAS, SOP, SP, 1500HL, DUAL, 240, VAS, SP, 1500HL, DUAL, 24						
3 1202-000104 TC12	3		IC08		74HC86, OR GATE, SOP, 14P, 150MIL, QUAD, ST, -	
103 103 103 103 10 10 10	3					
3 2007-000031 R396 R-CHIP Oohm, 58, 1/4W, TP, 3216 1 PC	3				KIA7033AT, TSM, 3P, 2. 9x1. 6x0. 7mm, PLASTIC, 3. 3V	
3 2007-000070 R717 R-CHIP Oohm, 5%, 1/10W, TP, 1608 1 PC	3	2007-000033	R826	R-CHIP	Oohm, 5%, 1/4W, TP, 3216	1 PC
3 2007-000076 R601 R-CHIP 3300hm, 5%, 1/10%, TP, 1608 1 PC						
3 2007-000076 Re02 R-CHIP 3300hm, 5%, 1/10W, TP, 1608 1 PC				R-CHIP		
3 2007-000078 R703 R-CHIP 1Kohm, 5%, 1/10W, TP, 1608 1 PC 2007-000728 R706 R-CHIP 1Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-000080 R107 R-CHIP 1Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00080 R107 R-CHIP 2Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00084 R707 R-CHIP 2Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00084 R707 R-CHIP 4.7 Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00098 R708 R-CHIP 6.8 Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00099 R701 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00099 R701 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00099 R704 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00099 R705 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00099 R705 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00099 R705 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00099 R708 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00099 R708 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00099 R801 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00099 R801 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00099 R803 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00099 R803 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00099 R803 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00018 R802 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00018 R803 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00018 R808 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00018 R808 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00018 R818 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00018 R818 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00018 R818 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00018 R818 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00018 R818 R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 1 PC 3 2007-00018	3	2007-000076	R602	R-CHIP	330ohm, 5%, 1/10W, TP, 1608	1 PC
3 2007-000078 R706 R-CHIP 1 1 1 1 1 1 1 1 1						
1						
1	3	2007-000078	R805	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
No. 10	3	2007-000090	R604	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
No. No.						
R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 PC						
No. No.	3	2007-000090	R723	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
R-CHIP 10Kohm, 5%, 1/10W, TP, 1608 PC						
1 PC 10 10 10 10 10 10 10 1				R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	
3 2007-000116 R825 R-CHIP 120ohm, 5%, 1/10W, TP, 1608 1 PC3 2007-000124 R603 R-CHIP 2. 2Kohm, 5%, 1/10W, TP, 1608 1 PC3 2007-000138 R715 R-CHIP 39,80hm, 5%, 1/10W, TP, 1608 1 PC3 2007-000138 R515 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000138 R516 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000138 R518 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000138 R518 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000138 R519 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000138 R520 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000138 R539 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000138 R539 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000138 R542 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000140 R545 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000140 R538 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000140 R545 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005	3	2007-000090	R804	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
3 2007-000124 R603 R-CHIP 2.2Kohm, 5%, 1/10W, TP, 1608 PC3 2007-000130 R715 R-CHIP 39Kohm, 5%, 1/10W, TP, 1608 PC3 2007-000138 R515 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 PC3 2007-000138 R516 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 PC3 2007-000138 R518 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 PC3 2007-000138 R519 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 PC3 2007-000138 R519 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 PC3 2007-000138 R520 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 PC3 2007-000138 R520 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 PC3 2007-000138 R520 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 PC3 2007-000138 R529 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 PC3 2007-000138 R529 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 PC3 2007-000140 R545 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 PC3 2007-000140 R538 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 PC3 2007-000140 R545 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 PC3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 PC3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 PC3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 PC3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 PC3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 PC3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 PC3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 PC3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 PC3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 PC3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 PC3 2007-000140 R901 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005						
1 PC						
1 2007-00138 1 2007-00138 1 2 2007-00138 2007-00140 2007-00138 2007-00140	3	2007-000130	R715	R-CHIP	39Kohm, 5%, 1/10W, TP, 1608	1 PC
1						
3 2007-000138 R519 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1PC3 2007-000138 R520 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1PC3 2007-000138 R539 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1PC3 2007-00138 R542 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1PC3 2007-000138 R809 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1PC3 2007-000140 R538 R-CHIP 100ohm, 5%, 1/16W, TP, 1005 1PC3 2007-000140 R545 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 1PC3 2007-000140 R545 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 1PC3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 1PC3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 1PC3 2007-000140 R901 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 1PC						
1 PC 100 Pc 100 Pc 1 PC 100 Pc	3	2007-000138	R519	R-CHIP	100ohm, 5%, 1/16W, TP, 1005	1 PC
1 PC 100 pt						
3 2007-000138 R809 R-CHIP 1000hm, 5%, 1/16W, TP, 1005 1 PC3 2007-000140 R538 R-CHIP 1K0hm, 5%, 1/16W, TP, 1005 1 PC3 2007-000140 R545 R-CHIP 1K0hm, 5%, 1/16W, TP, 1005 1 PC3 2007-000140 R815 R-CHIP 1K0hm, 5%, 1/16W, TP, 1005 1 PC3 2007-000140 R901 R-CHIP 1K0hm, 5%, 1/16W, TP, 1005 1 PC						
3 2007-000140 R545 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000140 R901 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 1 PC	3	2007-000138	R809	R-CHIP	100ohm, 5%, 1/16W, TP, 1005	1 PC
3 2007-000140 R815 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 1 PC3 2007-000140 R901 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 1 PC						
3 2007-000140 R901 R-CHIP 1Kohm, 5%, 1/16W, TP, 1005 1 PC						
	3	2007-000140		R-CHIP	1Kohm, 5%, 1/16W, TP, 1005	
	3	2007-000141	R814	R-CHIP	2. 2Kohm, 5%, 1/16W, TP, 1005	1 PC

6-1 INDOOR MAIN PCB - DB92-03467J

Sept. 1997; 1997		D : 0.1	p	B . B			1
3 207 200 201	Level	Parts Code 2007-000143	Design Loc R511	Parts Description R-CHIP			
3 000-000128 1211 000-000028 1211	3		R512		4. 7Kohm, 5%, 1/16W, TP, 1005	1	PC
DOC							
1.000-1000-1000-1000-1000-1000-1000-100							
2 2007-2003-10 501-11 501-11 501-11 501-11 500-11 501-11		2007-000148	R502	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
2 2007-2001-18 15021 1 1 1 1 1 1 1 1 1							
3 1007-1001-10 1003-10 1005-							
3 9007-6001-00 1007-0001-00 1007-00 10							
2 2000 000145 2022							
2 2007 00014 2007				R-CHIP			
3 2007-0001-0 2002							
2 2007 2001.14 2015 2017						1	
2 2007 2001 200	3	2007-000148	R529	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
2						1	
3.007_0001400 00072							
3 2007 200148 8810					10Kohm, 5%, 1/16W, TP, 1005	1	
3 5007-500110 5013						1	
3 2007 200414 2009 B. CHEP 1006abs B. L/14W, TP. 1005 1 C.							
3 2007 200101 20010							
3.2 2007-200302 2007-200						1	
3. 2007-2008305 [F724] S. COUP						1	
3 2007 - 2003105 ETT2 S. CHIF Hobban, 15, 1/196, TP, 1005 1 C.						1	
3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TP, 2018 1 PC 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-000178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-00178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-00178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-00178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-00178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-00178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-00178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-00178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 1 PC 3 3 2007-00178 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 PC 3 3 2007-00078 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 PC 3 3 2007-00078 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 PC 3 3 2007-00078 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 PC 3 3 2007-00078 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 PC 3 3 2007-00078 [1010] P. CHIP Hisban, 18, 1747, TS, 2018 P						1	
	3	2007-000475	R709	R-CHIP	1Mohm, 1%, 1/10W, TP, 1608	1	PC
3.007-000176, \$1005 D.CHIP Mobbs, 19, 1748, FF, 2218 D.C.						1	
3. 2007-000457, \$10.1 \$.CHIP Mebba, 14, 1748, TP, 2218 ICC CO. 10.1 C.						1	
	3	2007-000476	R104	R-CHIP	1Mohm, 1%, 1/4W, TP, 3216	1	PC
2007-000024 \$720						1	
3007-000924 8723 R. CHIP							
SOUT-COMPAND ST11	3	2007-000924	R721	R-CHIP	470Kohm, 1%, 1/4W, TP, 3216	1	PC
1 3007-0000720 \$713							
3 3007-001313 3046 R. CHIP 33004m, St. 1/148, TP, 1005 P. P. C. S. CHIP 33004m, St. 1/148, TP, 1005 P. P. C. S. CHIP 33004m, St. 1/168, TP, 1005 P. P. C. S. CHIP 33004m, St. 1/168, TP, 1005 P. P. C. S. CHIP 33004m, St. 1/168, TP, 1005 P. P. C. S. CHIP 33004m, St. 1/168, TP, 1005 P. P. C. CHIP 33004m, St. 1/168, TP, 1005 P. P. C. CHIP 33004m, St. 1/168, TP, 1005 P. P. C. CHIP 33004m, St. 1/168, TP, 1005 P. P. C. CHIP 33004m, St. 1/168, TP, 1005 P. P. C. CHIP 33004m, St. 1/168, TP, 1005 P. P. C. CHIP 33004m, St. 1/168, TP, 1005 P. P. C. CHIP 34004m, St. 1/168, TP, 1005 P. P. C. CHIP 34004m, St. 1/168, TP, 1005 P. P. C. CHIP 34004m, St. 1/168, TP, 1005 P. P. C. CHIP 34004m, St. 1/168, TP, 1005 P. P. C. CHIP 34004m, St. 1/168, TP, 1005 P. P. C. CHIP 34004m, St. 1/168, TP, 1005 P. P. C. CHIP 34004m, St. 1/168, TP, 1005 P. P. C. CHIP 34004m, St. 1/168, TP, 1005 P. P. C. CHIP 34004m, St. 1/168, TP, 1005 P. P. C. CHIP 34004m, St. 1/168, TP, 1005 P. P. C. CHIP 34004m, St. 1/168, TP, 1005 P. P. C. CHIP 34004m, St. 1/168, TP, 1005 P. P. C. CHIP 34004m, St. 1/168, TP, 1005 P. P. C. CHIP 34004m, St. 1/168, TP, 1005 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/168, TP, 1006 P. P. C. CHIP 34004m, St. 1/16							
3 3007-091313 8065 R. CHIF 33006m, 58, 1/148, TF, 1005 I C			R404	R-CHIP	330ohm, 5%, 1/16W, TP, 1005	1	PC
S 3007-091313 8061							
3 2007-001313 3811 R-CHIP 3300-bit, 98, 1/10F, FP, 1006 1 PC							
3 2007-007313 8401 R-CHIP 6, RSchut, R. J. J. J. R. T. 1, 1005 1 PC	3		R811	R-CHIP	330ohm, 5%, 1/16W, TP, 1005	1	PC
3 2007-007313 8492 R-CHIP B. RKOhm, Is, 1/16K, TP, 1005 I PC							
3 2007-007313 R103							
3 2007-009922 8302 R-CHIP 300Ksha, 18, 1/4 W, FB, 3216 1 PC	3	2007-007313	R403	R-CHIP	6.8Kohm, 1%, 1/16W, TP, 1005		
3 2007-000922 8303							
3 3007-000922 80303 R-CHIP 300Knha, Its, 1748, Ft, 93216 1 PC 3 2005-000227 (7705 C-CER, CHIP 10.0F, 10.05, 50V, X78, IT, 1608 1 PC 3 2005-0002287 (7705 C-CER, CHIP 10.0F, 10.05, 50V, X78, IT, 1608 1 PC 10.05, 2005,							
3 2203-000257 C705 C-CER, CHIP 100F, 10%, 50V, XTR, TP, 1008 1 PC	3	2007-009922	R303	R-CHIP	300Kohm, 1%, 1/4W, TP, 3216	1	PC
3 2203-000267 801							
3 2203-000438 C516					10nF, 10%, 50V, X7R, 1P, 1608 10nF, 10%, 50V, X7R, TP, 1608	1	
3 2203-000438 901	3	2203-000438	C516	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1005	1	PC
3 2903-000440 C715 C-CER, CHIP 1nF, 109, 50V, XFR, TP, 1608 1 PC 3 2203-001683 C711 C-CER, CHIP 0.056nF, 0.1pF, 50V, NPO, TP, 1608 1 PC 3 2203-001683 C711 C-CER, CHIP 0.056nF, 0.1pF, 50V, NPO, TP, 1608 1 PC C C C C C C C C C						1	
	3					1	
3 2203-005249 C101	3	2203-001071	C519	C-CER, CHIP	0. 056nF, 5%, 50V, C0G, TP, 1608	1	
3 2203-005249 C103						1	
3 2203-005249 C106 C-CER, CHIP 100nF, 10x, 50V, XTR, TP, 1608 1 PC 3 2203-005249 C514 C-CER, CHIP 100nF, 10x, 50V, XTR, TP, 1608 1 PC 3 2203-005249 C702 C-CER, CHIP 100nF, 10x, 50V, XTR, TP, 1608 1 PC 3 2203-005249 C710 C-CER, CHIP 100nF, 10x, 50V, XTR, TP, 1608 1 PC 3 2203-005249 C712 C-CER, CHIP 100nF, 10x, 50V, XTR, TP, 1608 1 PC 3 2203-005249 C712 C-CER, CHIP 100nF, 10x, 50V, XTR, TP, 1608 1 PC 3 2203-005249 C802 C-CER, CHIP 100nF, 10x, 50V, XTR, TP, 1608 1 PC 3 2203-005249 C803 C-CER, CHIP 100nF, 10x, 50V, XTR, TP, 1608 1 PC 3 2203-005249 C803 C-CER, CHIP 100nF, 10x, 50V, XTR, TP, 1608 1 PC 3 2203-005249 C805 C-CER, CHIP 100nF, 10x, 50V, XTR, TP, 1608 1 PC 3 2203-005249 C805 C-CER, CHIP 100nF, 10x, 50V, XTR, TP, 1608 1 PC 3 2203-005249 C805 C-CER, CHIP 100nF, 10x, 50V, XTR, TP, 1608 1 PC 3 2203-005249 C805 C-CER, CHIP 100nF, 10x, 50V, XTR, TP, 1608 1 PC C 2 2 2 2 2 2 2 2							
1						1	
1						1	
1. 1. 1. 1. 1. 1. 1. 1.						1	
3 2203-005249 C712 C-CER, CHIP 100nF, 108, 50V, X7R, TP, 1608 1 PC	3	2203-005249	C702	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
3 2203-005249 C802	3		C710			1	PC PC
3 2203-005249 C805 C-CER, CHIP 100nF, 10%, 50V, XTR, TP, 1608 1 PC 3 2203-005249 C806 C-CER, CHIP 100nF, 10%, 50V, XTR, TP, 1608 1 PC 3 2203-005249 C807 C-CER, CHIP 100nF, 10%, 50V, XTR, TP, 1608 1 PC 3 2203-005249 C807 C-CER, CHIP 100nF, 10%, 50V, XTR, TP, 1608 1 PC 3 2203-005158 C401 C-CER, CHIP 100nF, 10%, 50V, XTR, TP, 1608 1 PC 3 2203-005158 C401 C-CER, CHIP 100nF, 10%, 16V, XTR, TP, 1005, TO, 5 1 PC 3 2203-006158 C402 C-CER, CHIP 100nF, 10%, 16V, XTR, TP, 1005, TO, 5 1 PC 3 2203-006158 C402 C-CER, CHIP 100nF, 10%, 16V, XTR, TP, 1005, TO, 5 1 PC 3 2203-006158 C517 C-CER, CHIP 100nF, 10%, 16V, XTR, TP, 1005, TO, 5 1 PC 3 2203-006158 C517 C-CER, CHIP 100nF, 10%, 16V, XTR, TP, 1005, TO, 5 1 PC 3 2203-006158 C522 C-CER, CHIP 100nF, 10%, 16V, XTR, TP, 1005, TO, 5 1 PC 3 2203-006158 C529 C-CER, CHIP 100nF, 10%, 16V, XTR, TP, 1005, TO, 5 1 PC 3 2203-006158 C530 C-CER, CHIP 100nF, 10%, 16V, XTR, TP, 1005, TO, 5 1 PC 3 2203-006158 C530 C-CER, CHIP 100nF, 10%, 16V, XTR, TP, 1005, TO, 5 1 PC 3 2203-006158 C530 C-CER, CHIP 100nF, 10%, 16V, XTR, TP, 1005, TO, 5 1 PC 3 2203-006158 C530 C-CER, CHIP 100nF, 10%, 16V, XTR, TP, 1005, TO, 5 1 PC 3 2203-006158 C530 C-CER, CHIP 100nF, 10%, 16V, XTR, TP, 1005, TO, 5 1 PC 3 2203-006158 C530 C-CER, CHIP 100nF, 10%, 16V, XTR, TP, 1005, TO, 5 1 PC 3 2203-006158 C530 C-CER, CHIP 100nF, 10%, 16V, XTR, TP, 1005, TO, 5 1 PC 3 2203-006158 C530 C-CER, CHIP 100nF, 10%, 16V, XTR, TP, 1005, TO, 5 1 PC 3 2203-006158 C530 C-CER, CHIP 100nF, 10%, 16V, XTR, TP, 1005, TO, 5 1 PC 3 2203-006158 C530 C-CER, CHIP 100nF, 10%, 50V, XTR, TP, 1005 1060, TO, 5 1 PC 3 2203-007456 C512 C-CER, CHIP 100	3		C802			1	PC
3 2203-05249 C806	3	2203-005249	C803	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
3 2203-005249 C-CER, CHIP							
1					100nF, 10%, 50V, X7R, TP, 1608		
	3	2203-005249	C902		100nF, 10%, 50V, X7R, TP, 1608	1	PC
3 2203-006158 C403							
1	3	2203-006158	C403	C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, T0. 5	1	PC
1	3		C517	C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, T0. 5	1	PC
1							
		2203-006158	C530	C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, T0. 5	1	PC
		2203-006158	C531	C-CER, CHIP			
1							
1	3	2203-006460	C512	C-CER, CHIP	2200nF, 10%, 16V, X5R, TP, 1608	1	PC
3 2203-007456 C509 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C515 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C518 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C521 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C523 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C523 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C526 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C526 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C526 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C526 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C526 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C52 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C526 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C520 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C520 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C520 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C804 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C804 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C804 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007456 C804 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007466 C804 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007466 C804 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007466 C804 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3 2203-007466 C804 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 PC3							
1							
1	3	2203-007456	C515	C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0.5	1	PC
1							
3 2203-007456 C526 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 1 PC3 2203-007456 C528 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 1 PC3 2203-007456 C551 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 1 PC3 2203-007456 C552 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 1 PC3 2203-007456 C552 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5 1 PC3 2402-00145 C701 C-AL, SMD 470F, 20%, 50V, GP, TP, 6.3X7. 7mm 1 PC3 2402-001145 C701 C-AL, SMD 470F, 20%, 50V, GP, TP, 6. 3X7. 7mm 1 PC3 2402-001145 CE102 C-AL, SMD 470F, 20%, 50V, GP, TP, 6. 3X7. 7mm 1 PC3 2802-001211 X501 RESONATOR-CERAMIC 8MHz, 0.5%, TP, 3. 2x1. 3x0. 9 mm 1 PC3 DB41-01296A PCB MAIN PCB MAIN PCB MAIN FR-4, 2Layer, T1. 6, 120X120, 2, STD#5, 10z, 240X142 1 PC3 DB91-01752A MICO4 ASSY MICOM 16T RAC AR4500/5500 Inverter (Single/FJM) 1 PC4 0903-001864 - IC-MICROCONTROLLER HART-M310, QPF, 100P, 20x14mm, 8Mtz, 5V, 600mW 1 PC							
1	3	2203-007456	C526	C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5	1	PC
3 2203-007456 C552 C-CER, CHIP 1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0.5 1 PC							
1 PC 100 1 PC 100 10							
3 2402-001145 CE102 C-AL, SMD 47uF, 20%, 50V, GP, TP, 6. 3X7. 7mm 1 PC CENTROL CENTRO	3	2203-007486	C804	C-CER, CHIP	1000nF, 10%, 50V, X5R, TP, 1608	1	PC
3 2802-001211 X501 RESONATOR-CERAMIC 8MHz, 0. 5%, TP, 3. 2x1. 3x0. 9 mm 1 PC3 DB41-01296A PCB MAIN PCB MAIN FR-4, 2Layer, Tl. 6, 120X120, 2, STD#5, 10z, 240X142 1 PC3 DB91-01752A MICO4 ASSY MICOM 16T RAC AR4500/5500 Inverter (Single/FJM) 1 PC4 0903-001864 - IC-MICROCONTROLLER HART-M310, QFP, 100P, 20x14mm, 8MHz, 5V, 600mW 1 PC							
DB41-01296A PCB MAIN PCB MAIN FR-4, 2Layer, Tl. 6, 120X120, 2, STD#5, 10z, 240X142 1 PC PC							
	3	DB41-01296A	PCB MAIN	PCB MAIN	FR-4, 2Layer, T1. 6, 120X120, 2, STD#5, 10z, 240X142	1	PC
	3		MICO4				
			TRAN1	TRANS SWITCHING	ECO2020SEO-K01V017, 85V-240V, W41xL18, 50Hz/60Hz		

6-1 INDOOR MAIN PCB (DB92-03619D)

Level	Parts Code	Design Loc	Parts Description	Spec.	Quantity	Unit
. 1	0201-002354	ADHESIVE-COM	ADHESIVE-COM	1-2577, Translucent, 950	0.004	KG
. 1	0202-001463	SOLDER-WIRE	SOLDER-WIRE	LFC2-W3. 0, D3, 99. 79Sn/0. 2Cu/0. 01P	4	G
. 1	0202-001608	SOLDER-WIRE FLUX	SOLDER-WIRE FLUX	LFC7-107, DO. 8, 99. 3Sn/0. 7Cu/0. 01P, Flux3-4%	0.2	G
. 1	0204-004665	FLUX	FLUX	KSP-70M-S, MIXTURE, NO, FLUX, 13%	2	G
. 1	1203-006089	PW101	IC-PWM CONTROLLER	TOP253PN, DIP, 7P, 6.35x9.57mm, PLASTIC, -0.3V/700V	1	PC
. 1	1203-007320	IC102	IC-POSI.FIXED REG.	KIA78D12PI, TO-220IS, 3P, 10. 3X15. 3mm, PLASTIC	1	PC
. 1	1404-001413	NTC1	THERMISTOR-NTC	18ohm, 3A, 3200K, 19MWC, 15mm, BK, 17x6mm	1	PC
1	1405-000160	VA71	VARISTOR	680V, 560Vdc, 4500A, 17. 5x6. 5mm, TP, 1120V, 250pF	1	PC
. 1	2201-002283	C107	C-CERAMIC, DISC	0. 22nF, 10%, 400V, Y5P, BK, 9. 5x8mm, 10mm	1	. PC
. 1	2201-002283	C108	C-CERAMIC, DISC	0. 22nF, 10%, 400V, Y5P, BK, 9. 5x8mm, 10mm	1	PC
1	2301-001915	CR71	C-FILM, LEAD	1. 2, -25to+85, 450V, +10~-5, 37x18x26. 5, CP wire, PP, PBT	1	PC
. 1	2301-002032	XC71	C-FILM, LEAD-PPF	100nF, 10%, 275V, TP, 12. 5X6X12. 0	1	. PC
. 1	2301-002032	XC72	C-FILM, LEAD-PPF	100nF, 10%, 275V, TP, 12. 5X6X12. 0	1	PC
. 1	2401-004393	CE101	C-AL	100uF, 20%, 500V, BK, 25. 4x30mm, 10mm	1	PC
1	3002-001129	BZ61	BUZZER-PIEZO	85dB, 2KHz, BK	1	PC
1	3501-001154	RY74	RELAY-MINIATURE	12V, 200mW, 3000mA, 1FormA, 10ms, 10ms	1	PC
1	3502-001087	SS71	SSR	12V, 2A, 0. 2ms, 9. 6~25, 264V	1	. PC
1	3711-000015	CNS22	HEADER-BOARD TO CABLE	BOX, 2P, 1R, 2.5mm, STRAIGHT, SN, WHT, 5.8X7.4X7.0mm	1	PC
1	3711-000203	CNP71	HEADER-BOARD TO CABLE	1WALL, 2P/3P, 1R, 7. 92mm, STRAIGHT, SN, WHT, 11. 82x8. 6x9. 4mm	1	PC
. 1	3711-000262	CNP72	HEADER-BOARD TO CABLE	1WALL, 3P, 1R, 7. 92mm, STRAIGHT, SN, WHT, 8. 5X19. 74X3. 2mm	_	PC
. 1	3711-000879	CNS44	HEADER-BOARD TO CABLE	BOX, 3P, 1R, 2. 5mm, STRAIGHT, SN, BLU	_	PC
. 1	3711-000941	CNS81	HEADER-BOARD TO CABLE	BOX, 4P, 1R, 2. 5mm, STRAIGHT, SN, YEL	-	PC
1	3711-002001	CNS31	HEADER-BOARD TO CABLE	BOX, 20P, 2R, 2. 0mm, STRAIGHT, SN, BLK, 5. 0X22. 0X6. 6mm		PC
1	3711-002001	CNS11	HEADER-BOARD TO CABLE	BOX, 2P, 1R, 2mm, STRAIGHT, SN, WHT, 5. 98x5. 1x7. 7mm		PC
1	3711-003942	CNS91	HEADER-BOARD TO CABLE	BOX, 10P, 1R, 2mm, STRAIGHT, SN, WHT	_	PC
1	3711-004182	CNS43	HEADER-BOARD TO CABLE	BOX, 6P, 1R, 2mm, STRAIGHT, SN, WHT	-	PC
					-	PC
1	3711-004349	CNS42	HEADER-BOARD TO CABLE	BOX, 3P, 1R, 2mm, STRAIGHT, SN, WHT	_	PC
1	3711-004484	CNS61	HEADER-BOARD TO CABLE	BOX, 5P, 1R, 2mm, STRAIGHT, SN, WHT	_	PC
1	3711-005096	CNS63	HEADER-BOARD TO CABLE	BOX, 5P, 1R, 2MM, STRAIGHT, SN, BLK	-	+
1	3711-005097	CNS62	HEADER-BOARD TO CABLE	BOX, 5P, 1R, 2MM, STRAIGHT, SN, BLU		PC
1	3711-006678	CNS32	HEADER-BOARD TO CABLE	BOX, 10P, 1R, 2mm, STRAIGHT, SN, BLU	_	PC
1	DB27-00096A	FT71	COIL CHOKE	CV1615280, COIL CHOKE, 28. 0mH, +50~-30%, 268. 0m ohm	_	PC
1		VA71-1	CAP	VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC		PC
1	DB94-06029A	- -	ASSY PCB AUTO	MAIN, NEW BORACAY, 120*120, Y, 220-240V, 5V, 12V, 9W		PC
2	0501-000362	Q801	TR-SMALL SIGNAL	KSC2328A-Y, NPN, 1000mW, T0-92L, TP, 160~320	_	PC
2	1203-003318	IC101	IC-POSI. ADJUST REG.	KIA431A, TO-92, 3P, 4. 7x4. 8mm, PLASTIC, 700mW		PC
2	2003-002406	R105	R-METAL OXIDE(S)	300Kohm, 5%, 2W, AA, TP, 3. 8x12mm	+	PC
2	2201-000285	C102	C-CERAMIC, DISC	1nF, 10%, 1000V, Y5P, TP, 8x5mm, 5mm	_	PC
2	2401-001415	CE111	C-AL	470uF, 20%, 35V, GP, TP, 10x20mm, 5mm		PC
2	2401-001838	CE108	C-AL	470uF, 20%, 25V, WT, TP, 10x16mm, 5mm	_	PC
2	2401-001838	CE113	C-AL	470uF, 20%, 25V, WT, TP, 10x16mm, 5mm		PC
2	3601-001209	F702	FUSE-RADIAL LEAD	250V, 1A, TIME-LAG, -, 8. 5x8mm	_	PC
2	3601-001765	F701	FUSE-RADIAL LEAD	250V, 3.15A, TIME-LAG, Thermoplastic, 8.5x8mm	1	PC
2	DB94-06030A	-	ASSY PCB SMD	MAIN, NEW BORACAY, 120*120, Y, 220-240V, 5V	1	PC
3	0202-001933	SOLDER-CREAM	SOLDER-CREAM	LFM-48W TM-HP, D20~38um, 96.5Sn/3Ag/0.5Cu, FLUX 12%	1	G
3	0402-001192	D103	DIODE-RECTIFIER	ES2D, 200V, 2A, SMB, TP	1	PC
3	0402-001192	D104	DIODE-RECTIFIER	ES2D, 200V, 2A, SMB, TP	1	PC
3	0402-001298	BD71	DIODE-BRIDGE	DF06S, 600V, 1A, SMD-4, TP	1	PC
3	0402-001741	D201	DIODE-RECTIFIER	S1M, 1000V, 1A, SMA, TP	1	PC PC
3	0402-001795	D101	DIODE-RECTIFIER	US1M, 1000V, 1A, SMA, TP	1	PC

6-1 INDOOR MAIN PCB(DB92-03619D)

Level	Parts Code	Design Loc	Parts Description	Spec.	Quantity	Unit
3	0402-001795	D102	DIODE-RECTIFIER	US1M, 1000V, 1A, SMA, TP	1	PC
3	0406-001204	CD81	DIODE-TVS	SMBJ5. OCA, 6. 4/-/7. 25V, 600W, SMB	1	PC
3	0406-001204	CD82	DIODE-TVS	SMBJ5. OCA, 6. 4/-/7. 25V, 600W, SMB	1	PC
3	0406-001204	CD83	DIODE-TVS	SMBJ5. OCA, 6. 4/-/7. 25V, 600W, SMB	1	PC
3	0501-000465	Q401	TR-SMALL SIGNAL	MMBT3904, NPN, 350mW, SOT-23, TP, 30~300	1	PC
3	0501-000465	Q601	TR-SMALL SIGNAL	MMBT3904, NPN, 350mW, SOT-23, TP, 30~300	1	PC
3	0501-000465	Q802	TR-SMALL SIGNAL	MMBT3904, NPN, 350mW, SOT-23, TP, 30~300	1	PC
3	0506-000175	IC05	TR-ARRAY	2003, NPN, 7, 1000mW, SOP-16, ST, 1000	1	PC
3	0506-000175	IC10	TR-ARRAY	2003, NPN, 7, 1000mW, SOP-16, ST, 1000	1	PC
3	0604-001002	PC101	PHOTO-COUPLER	TR, 100-600%, 170mW, SOP-4, TP	1	PC
3	0604-001405	PC02	PHOTO-COUPLER	TR, 200-400%, 200mW, SOP-4, TP	1	PC
3	0801-000393	IC08	IC-CMOS LOGIC	74HC86, OR GATE, SOP, 14P, 150MIL, QUAD, ST, -	1	PC
3	1006-001325	IC07	IC-BUS TRANSCEIVER	SO, 8P, 4. 9x3. 8 mm, SINGLE, ST, PLASTIC, 5V	1	PC
3	1203-006245	IC03	IC-VOL. DETECTOR	KIA7033AT, TSM, 3P, 2. 9x1. 6x0. 7mm, PLASTIC	1	PC
3	2007-000033	R826	R-CHIP	0ohm, 5%, 1/4W, TP, 3216	1	PC
3	2007-000040	R113	R-CHIP	150ohm, 1%, 1/10W, TP, 1608	1	PC
3	2007-000076	R601	R-CHIP	330ohm, 5%, 1/10W, TP, 1608	1	PC
3	2007-000076	R602	R-CHIP	330ohm, 5%, 1/10W, TP, 1608		PC
3	2007-000078	R208	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608		PC
3	2007-000078	R407	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608		PC
3	2007-000078	R409	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608		PC
3	2007-000078	R805	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608		PC
3	2007-000080	R107	R-CHIP	2Kohm, 5%, 1/10W, TP, 1608		PC
3	2007-000084	R207	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608		PC
3	2007-000087	R408	R-CHIP			PC
				6. 8Kohm, 5%, 1/10W, TP, 1608		PC
3	2007-000090 2007-000090	R604 R801	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608		PC PC
3			R-CHIP	10Kohm, 5%, 1/10W, TP, 1608		PC
3	2007-000090	R802	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608		PC PC
3	2007-000090	R803	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608		PC PC
3	2007-000090	R804	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608		├
3	2007-000090	R806	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608		PC
3	2007-000116	R825	R-CHIP	120ohm, 5%, 1/10W, TP, 1608		PC
3	2007-000124	R603	R-CHIP	2. 2Kohm, 5%, 1/10W, TP, 1608		PC
3	2007-000138	R515	R-CHIP	100ohm, 5%, 1/16W, TP, 1005		PC
3	2007-000138	R516	R-CHIP	100ohm, 5%, 1/16W, TP, 1005		PC
3		R518	R-CHIP	100ohm, 5%, 1/16W, TP, 1005		PC
3	2007-000138	R519	R-CHIP	100ohm, 5%, 1/16W, TP, 1005		PC
3	2007-000138	R520	R-CHIP	100ohm, 5%, 1/16W, TP, 1005		PC
3	2007-000138	R539	R-CHIP	100ohm, 5%, 1/16W, TP, 1005		PC
3	2007-000138	R542	R-CHIP	100ohm, 5%, 1/16W, TP, 1005		PC
3	2007-000138	R809	R-CHIP	100ohm, 5%, 1/16W, TP, 1005		PC
3	2007-000140	R538	R-CHIP	1Kohm, 5%, 1/16W, TP, 1005		PC
3	2007-000140	R545	R-CHIP	1Kohm, 5%, 1/16W, TP, 1005		PC
3	2007-000140	R815	R-CHIP	1Kohm, 5%, 1/16W, TP, 1005		PC
3	2007-000140	R901	R-CHIP	1Kohm, 5%, 1/16W, TP, 1005		PC
3	2007-000141	R814	R-CHIP	2. 2Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000143	R511	R-CHIP	4.7Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000143	R512	R-CHIP	4.7Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000143	R513	R-CHIP	4.7Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R111	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R501	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R502	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC

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Level	Parts Code	Design Loc	Parts Description	Spec.	Quantity	Unit
3	2007-000148	R507	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005		PC
3	2007-000148	R510	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R514	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R521	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R522	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R523	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R524	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R525	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R526	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R527	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R528	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R529	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R534	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R543	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R544	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R551	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R807	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R808	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R810	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R813	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R816	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R903	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000148	R904	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000157	R902	R-CHIP	47Kohm, 5%, 1/16W, TP, 1005	1	PC
3	2007-000476	R101	R-CHIP	1Mohm, 1%, 1/4W, TP, 3216	1	PC
3	2007-000476	R102	R-CHIP	1Mohm, 1%, 1/4W, TP, 3216	1	PC
3	2007-000476	R103	R-CHIP	1Mohm, 1%, 1/4W, TP, 3216	1	PC
3	2007-000476	R104	R-CHIP	1Mohm, 1%, 1/4W, TP, 3216	1	PC
3	2007-000614	R112	R-CHIP	24Kohm, 1%, 1/10W, TP, 1608	1	PC
3	2007-001011	R201	R-CHIP	51Kohm, 5%, 1/4W, TP, 3216	1	PC
3	2007-001011	R202	R-CHIP	51Kohm, 5%, 1/4W, TP, 3216	1	PC
3	2007-001011	R203	R-CHIP	51Kohm, 5%, 1/4W, TP, 3216		PC
3	2007-001011	R204	R-CHIP	51Kohm, 5%, 1/4W, TP, 3216	1	PC
3	2007-001011	R205	R-CHIP	51Kohm, 5%, 1/4W, TP, 3216		PC
3	2007-001011	R206	R-CHIP	51Kohm, 5%, 1/4W, TP, 3216		PC
3		R404	R-CHIP	330ohm, 5%, 1/16W, TP, 1005		PC
3		R405	R-CHIP	330ohm, 5%, 1/16W, TP, 1005		PC
3		R406	R-CHIP	330ohm, 5%, 1/16W, TP, 1005		PC
3		R505	R-CHIP	330ohm, 5%, 1/16W, TP, 1005		PC
3	2007-001313	R811	R-CHIP	330ohm, 5%, 1/16W, TP, 1005		PC
3	2007-001433	R618	R-CHIP	12Kohm, 1%, 1/10W, TP, 1608		PC
3		R401	R-CHIP	6. 8Kohm, 1%, 1/16W, TP, 1005		PC
3		R402	R-CHIP	6. 8Kohm, 1%, 1/16W, TP, 1005		PC
3		R403	R-CHIP	6. 8Kohm, 1%, 1/16W, TP, 1005		PC
3		R110	R-CHIP	24. 9Kohm, 1%, 1/10W, TP, 1608		PC
3	2007-009922	R301	R-CHIP	300Kohm, 1%, 1/4W, TP, 3216		PC
3	2007-009922	R302	R-CHIP	300Kohm, 1%, 1/4W, TP, 3216		PC
3	2007-009922	R303	R-CHIP	300Kohm, 1%, 1/4W, TP, 3216		PC
3	2007-010635	R106	R-CHIP	6. 8ohm, 1%, 1/10, TP, 1608	1	PC

6-1 INDOOR MAIN PCB - DB92-03619D

Level	Parts Code	Design Loc	Parts Description	Spec.	Quantity	Unit
3	2007-007455	R110	R-CHIP	24. 9Kohm, 1%, 1/10W, TP, 1608	1	1 PC
3	2007-009922	R301	R-CHIP	300Kohm, 1%, 1/4W, TP, 3216	1	1 PC
3	2007-009922	R302	R-CHIP	300Kohm, 1%, 1/4W, TP, 3216	1	1 PC
3	2007-009922	R303	R-CHIP	300Kohm, 1%, 1/4W, TP, 3216	1	1 PC
3	2007-010635	R106	R-CHIP	6. 8ohm, 1%, 1/10, TP, 1608	1	1 PC
3	2203-000257	C705	C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608	1	1 PC
3	2203-000257	C801	C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608	_	1 PC
3	2203-000438	C516	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1005		1 PC
3	2203-000438	C520	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1005		1 PC
3	2203-000438	C901	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1005		1 PC
3	2203-000430	C715	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		1 PC
3	2203-000440	C519				1 PC
			C-CER, CHIP	0. 056nF, 5%, 50V, COG, TP, 1608		1 PC
3	2203-001083	C711	C-CER, CHIP	0. 005nF, 0. 1pF, 50V, NPO, TP, 1608		+
3	2203-005249	C101	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		1 PC
3	2203-005249	C103	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		1 PC
3	2203-005249	C104	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		1 PC
3	2203-005249	C106	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		1 PC
3	2203-005249	C510	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		1 PC
3	2203-005249	C514	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		1 PC
3	2203-005249	C702	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	_	1 PC
3	2203-005249	C710	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	1 PC
3	2203-005249	C712	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	1 PC
3	2203-005249	C802	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	1 PC
3	2203-005249	C803	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	1 PC
3	2203-005249	C805	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	1 PC
3	2203-005249	C806	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	1 PC
3	2203-005249	C807	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	1 PC
3	2203-005249	C902	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	1 PC
3	2203-006158	C401	C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, TO. 5	1	1 PC
3	2203-006158	C402	C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, T0. 5		1 PC
3	2203-006158	C403	C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, T0. 5		1 PC
3	2203-006158	C517	C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, TO. 5		1 PC
3	2203-006158	C522	C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, T0. 5		1 PC
3	2203-006158	C529	C-CER, CHIP			1 PC
		C530		100nF, 10%, 16V, X7R, TP, 1005, T0, 5	_	1 PC
3	2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, T0. 5		1 PC
3	2203-006158	C531	C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, TO. 5		
3	2203-006158	C533	C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, T0. 5		1 PC
3	2203-006158	C809	C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, TO. 5		1 PC
3		C512	C-CER, CHIP	2200nF, 10%, 16V, X5R, TP, 1608		1 PC
3	2203-006496	C707	C-CER, CHIP	2. 2nF, 10%, 50V, X7R, 1608		1 PC
3	2203-006960	C708	C-CER, CHIP	1000nF, 10%, 50V, X7R, TP, 2012	_	1 PC
3	2203-007456	C509	C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5		1 PC
3	2203-007456	C515	C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5		1 PC
3	2203-007456	C518	C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5		1 PC
3	2203-007456	C521	C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5		1 PC
3	2203-007456	C523	C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5		1 PC
3	2203-007456	C526	C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5	1	1 PC
3	2203-007456	C528	C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5	1	1 PC
3	2203-007456	C551	C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5	1	1 PC
3	2203-007456	C552	C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), T0. 5	1	1 PC
3	2203-007486	C804	C-CER, CHIP	1000nF, 10%, 50V, X5R, TP, 1608	1	1 PC
3		C701	C-AL, SMD	47uF, 20%, 50V, GP, TP, 6. 3X7. 7mm		1 PC
3	2402-001145	CE102	C-AL, SMD	47uF, 20%, 50V, GP, TP, 6. 3X7. 7mm		1 PC
3	2802-001211	X501	RESONATOR-CERAMIC	8MHz, 0.5%, TP, 3.2x1.3x0.9 mm		1 PC
3	DB41-01296A	PCB MAIN	PCB MAIN	FR-4, 2Layer, T1. 6, 120X120, 2, STD#5, 10z, 240X142		1 PC
3	DB91-01752A	MICO4	ASSY MICOM	16T RAC AR4500/5500 Inverter (Single/FJM)		1 PC
4	1	-	IC-MICROCONTROLLER	HART-M310, QFP, 100P, 20x14mm, 8MHz, 5V, 600mW		1 PC
4	1	TRAN1	TRANS SWITCHING	EC02020SE0-K01V017, 85V-240V, W41xL18, 50Hz/60Hz		1 PC

6-2 OUTDOOR MAIN PBA(DB92-02866D)

Parts Code	Design Loc	Quantity	Spec.
0202-001338	SOLDER-BAR	0. 47	LeeD-free Solder BAR, W20L350H8, 99. 3Sn/0.7Cu/0.01P
0202-001463	SOLDER-WIRE	4. 27	LFC2-W3. 0, -, D3, 99. 79Sn/0. 2Cu/0. 01P, -
0204-004665	FLUX		KSP-70M-S, 14%, FLUX
0204-005794			S-1000, (CH3) 2CH0H, 100%, 0. 79
1404-001498			40ohm, 25%, 290Vac, 7A, TR
1405-000154			560V, 460Vdc, 4500A, 17. 5x7. 5mm, BK, 920V, 600pF
1405-000154			560V, 460Vdc, 4500A, 17. 5x7. 5mm, BK, 920V, 600pF
1405-001239			680V, 560Vdc, 6000A, 17x7. 3mm, BK, 1120V, 350pF
1405-001239			680V, 560Vdc, 6000A, 17x7. 3mm, BK, 1120V, 350pF
2201-000540			4. 7nF, 20%, 2000V, Y5U, 12x5mm, 10mm
2201-002002			4. 7nF, 20%, 400V, Y5U, 16x6mm, 10mm
2201-002002			4. 7nF, 20%, 400V, Y5U, 16x6mm, 10mm
2201-002002			4. 7nF, 20%, 400V, Y5U, 16x6mm, 10mm
2201-002002			4. 7nF, 20%, 400V, Y5U, 16x6mm, 10mm
2301-001285			680nF, 10%, 275V, BK, 31x11x21mm
2301-001285			
2306-000123			680nF, 10%, 275V, BK, 31x11x21mm 100nF, 5%, 630V, BK, 26x16. 5x8. 5mm
2401-004874			330uF, 20%, 400V, BK, 25. 4*50, 10mm
2401-004874			
			330uF, 20%, 400V, BK, 25, 4*50, 10mm
2401-004874			330uF, 20%, 400V, BK, 25. 4*50, 10mm
3501-001154			12V, 200mW, 3000mA, 1FormA, 10ms, 10ms
3501-001154			12V, 200mW, 3000mA, 1FormA, 10ms, 10ms
3501-001279			12V, 400mW, 16000mA, 1FormA, 15ms, 5ms
3711-000177	CN301	1	1WALL, 2P, 1R, 3. 96MM, STRAIGHT, SN, RED
3711-000203	CN030	1	1WALL, 2P/3P, 1R, 7. 92mm, STRAIGHT, SN, WHT, 8. 5x11. 8 2x3. 2mm
3711-000296	CN901	1	1WALL, 6P, 1R, 3.96MM, STRAIGHT, SN, WHT
3711-000760	CN551	1	BOX, 20P, 2R, 2MM, ANGLE, SN, BLK
3711-002001	CN201	1	BOX, 20P, 2R, 2MM, STRAIGHT, SN, BLK
3711-003404	CN150	1	1WALL, 2P, 1R, 7. 92mm, STRAIGHT, SN, BLU
3711-003843	CN251	1	BOX, 8P, 1R, 2mm, STRAIGHT, SN, WHT
3711-007656	CN402	1	BOX, 3, 1R, 6mm, STRAIGHT, WHT
3711-007659	CN401	1	BOX, 2, 1R, 7. 92mm, STRAIGHT, WHT
3711-007817	CN501	1	3WALL, 7P, 1R, 2mm, STRAIGHT, SN, WHT
3712-001047	CN003	1	TAB, MALE, N, 0. 5/4. 75mm
3712-001139	CN001	1	TAB, MALE, 6.35x0.8mm
3712-001139	CN002	1	TAB, MALE, 6. 35x0. 8mm
4719-002483	PFC050		Smart Power Module, FPAB20BH60B, 600V, 20A, 89W, 20kHz, PFCM
4719-002484	IPM400		Smart Power
	FT001	1	CC-35-15SS, SI, 3.5mH, +50~-30%, 15mohm Max, 15A, -
	SUPPORT-IC	1	25 [~] +115 AFX-HD233A, PA66, FR50, BLACK
DB61-05916A	SUPPORT-PCB		XS01 V2MD, PA+GF40, BLACK
DB68-02809A	_	•	ART, 45, 15, E-PASS
DB94-04846A	_	1	OUTDOOR, COLD AREA, A3050, 197*142, NEW PF#2, DB92-
	0151	7	02866D
	Q151		KRA226M, PNP, 400MW, 2. 2K/10K, TO-92M, TP
2201-002427			2. 2nF, K (10%), 2000V, Y5P, 12. 5x5mm, 7. 5mm
2401-000303			100uF, 20%, 25V, WT, TP, 6. 3x11mm, 5mm
2401-000303			100uF, 20%, 25V, WT, TP, 6. 3x11mm, 5mm
	CE151		470uF, 20%, 25V, WT, TP, 10x16, 5mm
2401-002438			47uF, 20%, 50V, WT, TP, 6. 3x11, 5mm
2401-003224			470uF, 20%, 16V, WT, TP, 8X11. 5, 5mm
2401-003585			220uF, 20%, 35V, WT, TP, 8x11. 5mm, 5
	F001		250V, 15A, TIME-LAG, CERAMIC, 6. 35x31. 8mm
3711-000015			BOX, 2P, 1R, 2. 5mm, STRAIGHT, SN, WHT, 5. 8X7. 4X7. 0mm
3711-000024			BOX, 3P, 1R, 2. 5MM, STRAIGHT, SN, WHT
3711-000879			BOX, 3P, 1R, 2. 5mm, STRAIGHT, SN, BLU
3711-000880			BOX, 3P, 1R, 2. 5MM, STRAIGHT, SN, RED
3711-000998	CN701	1	BOX, 5P, 1R, 2. 5MM, STRAIGHT, SN, RED

OUTDOOR MAIN PBA(DB92-02866D)

3711-000999	CN204	1	BOX, 5P, 1R, 2. 5mm, STRAIGHT, SN, WHT
3711-004182	CN206	1	BOX, 10P, 1R, 2mm, STRAIGHT, SN, WHT
3711-005096	CN205	1	BOX, 5P, 1R, 2MM, STRAIGHT, SN, BLK
4715-001093	DSA001	1	3600V, 20%, 2000A, -, AXIAL
DB94-04847A	_	1	OUTDOOR, COLD AREA, A3050, 197*142, NEW PF#2, DB92- 02866D
0202-001459	SOLDER-CREAM	1	S3X58-M405, D20~38um, 96.5Sn/3Ag/0.5Cu, FLUX 5%
0401-001099		1	1N4148WS, 75V, 150mA, SOD-323, TP
0401-001099			1N4148WS, 75V, 150mA, SOD-323, TP
0401-001099			1N4148WS, 75V, 150mA, SOD-323, TP
0401-001099			1N4148WS, 75V, 150mA, SOD-323, TP
0401-001099			1N4148WS, 75V, 150 A, SOD 323, TP
0401 - 001099 $0401 - 001099$			1N4148WS, 75V, 150mA, SOD-323, TP
0401-001099	-		1N4148WS, 75V, 150mA, SOD-323, TP 1N4148WS, 75V, 150mA, SOD-323, TP
0401-001099			1N4148WS, 75V, 150mA, SOD-323, TP
0401-001099			1N4148WS, 75V, 150mA, SOD-323, TP
0401-001099			1N4148WS, 75V, 150mA, SOD-323, TP
0401-001099			1N4148WS, 75V, 150mA, SOD-323, TP
0401-001099			1N4148WS, 75V, 150mA, SOD-323, TP
0401-001099			1N4148WS, 75V, 150mA, SOD-323, TP
0401-001099	D904	1	1N4148WS, 75V, 150mA, SOD-323, TP
0401-001099	D905	1	1N4148WS, 75V, 150mA, SOD-323, TP
0402-001795			US1M, 1000V, 1A, SMA, TP
0403-001499			MMSZ5252B, 22. 8/25. 2V, 500mW, SOD-123, TP
0403-001499			MMSZ5252B, 22. 8/25. 2V, 500mW, SOD-123, TP
0404-001020			BAT54C, 30V, 200mA, SOT-23, TP
0404-001020			BAT54C, 30V, 200mA, SOT-23, TP
0406-001204			SMBJ5. 0CA, 6. 4/-/7. 25V, 600W, SMB
0406-001204			SMBJ5. OCA, 6. 4/-/7. 25V, 600W, SMB
0406-001204			SMBJ5. OCA, 6. 4/-/7. 25V, 600W, SMB
0501-000465	•		MMBT3904, NPN, 350mW, S0T-23, TP, 30-300
0504-001008 0504-001008			RN2427, PNP, 200mW, 2. 2K/10Kohm, SOT-23, TP
0504-001008			RN2427, PNP, 200mW, 2. 2K/10Kohm, SOT-23, TP RN2427, PNP, 200mW, 2. 2K/10Kohm, SOT-23, TP
0504 001008			RN2427, PNP, 200mW, 2. 2K/10K0hm, SOT 23, 11 RN2427, PNP, 200mW, 2. 2K/10K0hm, SOT-23, TP
0504-001080			KRC246S, NPN, 200mW, 2. 2K/10Kohm, SOT-23, TP
0506-000175			2003, NPN, 7, 1000mW, SOP-16, ST, 1000
0506-000175			2003, NPN, 7, 1000mW, SOP-16, ST, 1000
0506-000175	IC702	1	2003, NPN, 7, 1000mW, SOP-16, ST, 1000
0601-002423		1	SMD(REVERSE), RED, 3.2x1.6mm, 639nm, 3.2x1.6x1.1mm
0601-002955			SMD(REVERSE), YEL, 1.6x1.5mm, 588nm, 3.2x1.6x1.1mm
0601-002956			SMD (REVERSE), GRN, 1. 6x1. 5mm, 3. 2x1. 6x1. 1mm
0601-002956	•		SMD (REVERSE), GRN, 1. 6x1. 5mm, 3. 2x1. 6x1. 1mm
0604-001172			TR, 150–300, 200mW, SOP, TP
0604 - 001172 $0604 - 001172$			TR, 150-300, 200mW, SOP, TP TR, 150-300, 200mW, SOP, TP
			74HC86, OR GATE, SOP, 14P, 150MIL, QUAD, ST, -
0801-000393	IC302	1	, 2. 0/6. 0V, 0. 26V, -40to+85C, 180mW, 4. 2V, 1uA,
			ISL81487LIBZ, S0, 8P, 4. 9x3. 8
1006-001325	IC301	1	mm, SINGLE, ST, PLASTIC, 5V, -
			40to+85C, 520mW, 1, 1, 1, 5/5, 0V TSSOP, TR, 14P, 5x4, 4x1, 2mm, 100, 5, 5V, -
1201-002946	IC451	1	40to+85C, 63dB, 1, 1nA, 1nA, 1. 7mV
1203-002835	IC154	1	7805, 3P, 6. 6x6. 1mm, PLASTIC, 4. 8V/5. 2V, 1. 3W, -
1203 002833	10134	1	40to+85, 1A, TP
1203-002986	IC155	1	7812, 3P, 6. 6x6. 1mm, PLASTIC, 11. 5/12. 5V, 1. 3, 150C,
1000 001005	T.0500	-	1A, TP KIA7042AT, TSM, 3P, 2. 9x1. 6mm, PLASTIC, 4. 2V, 350mW,
1203-004967	IC502	1	-30to+75C, 20mA, -, -
2007-000043	R424	1	1Kohm, 1%, 1/10W, TP, 1608
2007-000070			Oohm, 5%, 1/10W, TP, 1608
2007-000074	•		100ohm, 5%, 1/10W, TP, 1608
2007-000074	i		100ohm, 5%, 1/10W, TP, 1608
2007-000074			100ohm, 5%, 1/10W, TP, 1608
2007-000074	i		100ohm, 5%, 1/10W, TP, 1608
2007-000074	•		100ohm, 5%, 1/10W, TP, 1608
2007-000074 2007-000074			100ohm, 5%, 1/10W, TP, 1608 100ohm, 5%, 1/10W, TP, 1608
2007-000074			100onm, 5%, 1/10W, 1P, 1608 100ohm, 5%, 1/10W, TP, 1608
2007-000074			1000nm, 5%, 1/10W, 1P, 1608
2007-000074	•		100ohm, 5%, 1/10W, TP, 1608
2007-000074			100ohm, 5%, 1/10W, TP, 1608

2007-000074	R407	1	100ohm, 5%, 1/10W, TP, 1608
2007-000074	R420	1	100ohm, 5%, 1/10W, TP, 1608
2007-000074	R422	1	100ohm, 5%, 1/10W, TP, 1608
2007-000074	R516	1	100ohm, 5%, 1/10W, TP, 1608
2007-000074	R519	1	100ohm, 5%, 1/10W, TP, 1608
2007-000074	R562	1	100ohm, 5%, 1/10W, TP, 1608
2007-000076	R153	1	330ohm, 5%, 1/10W, TP, 1608
2007-000076	R255	1	330ohm, 5%, 1/10W, TP, 1608
2007-000076	R256	1	330ohm, 5%, 1/10W, TP, 1608
2007-000076	R257	1	330ohm, 5%, 1/10W, TP, 1608
2007-000076	R258	1	330ohm, 5%, 1/10W, TP, 1608
2007-000076	R352	1	330ohm, 5%, 1/10W, TP, 1608
2007-000076		1	330ohm, 5%, 1/10W, TP, 1608
2007-000076	R512		330ohm, 5%, 1/10W, TP, 1608
2007-000076	R567	1	330ohm, 5%, 1/10W, TP, 1608
2007-000076	R904	1	330ohm, 5%, 1/10W, TP, 1608
2007-000078	R303	1	1Kohm, 5%, 1/10W, TP, 1608
2007-000078	R307	1	1Kohm, 5%, 1/10W, TP, 1608
2007-000078	R308	1	1Kohm, 5%, 1/10W, TP, 1608
2007-000078	R351	1	1Kohm, 5%, 1/10W, TP, 1608
2007-000078	R354	1	1Kohm, 5%, 1/10W, TP, 1608
2007-000078	R503	1	1Kohm, 5%, 1/10W, TP, 1608
2007-000078	R504	1	1Kohm, 5%, 1/10W, TP, 1608
2007-000078	R505	1	1Kohm, 5%, 1/10W, TP, 1608
2007-000078	R508	1	1Kohm, 5%, 1/10W, TP, 1608
2007-000078		1	1Kohm, 5%, 1/10W, TP, 1608
2007-000078	R515	1	1Kohm, 5%, 1/10W, TP, 1608
2007-000078	R529	1	1Kohm, 5%, 1/10W, TP, 1608
2007-000078	R530	1	1Kohm, 5%, 1/10W, TP, 1608
2007-000078	R556	1	1Kohm, 5%, 1/10W, TP, 1608
2007-000078	R557		1Kohm, 5%, 1/10W, TP, 1608
2007-000078	R558	1	1Kohm, 5%, 1/10W, TP, 1608
2007-000078	R560	1	1Kohm, 5%, 1/10W, TP, 1608
2007-000078	R563	1	1Kohm, 5%, 1/10W, TP, 1608
2007-000080			2Kohm, 5%, 1/10W, TP, 1608
2007-000082	R421	1	3. 3Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084	1		4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084	1		4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084	1		4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084	1		4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084	1		4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000084			4. 7Kohm, 5%, 1/10W, TP, 1608
2007-000090	K301	1	10Kohm, 5%, 1/10W, TP, 1608

2007-000090 R302	10Kohm, 5%, 1/10W, TP, 1608
 	
	10Kohm, 5%, 1/10W, TP, 1608
	10Kohm, 5%, 1/10W, TP, 1608
2007-000090 R528	1 10Kohm, 5%, 1/10W, TP, 1608
2007-000090 R532	10Kohm, 5%, 1/10W, TP, 1608
2007-000090 R533	1 10Kohm, 5%, 1/10W, TP, 1608
2007-000090 R551	10Kohm, 5%, 1/10W, TP, 1608
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	10Kohm, 5%, 1/10W, TP, 1608
	10Kohm, 5%, 1/10W, TP, 1608
2007-000090 R555	1 10Kohm, 5%, 1/10W, TP, 1608
2007-000090 R559	10Kohm, 5%, 1/10W, TP, 1608
2007-000090 R565	10Kohm, 5%, 1/10W, TP, 1608
2007-000109 R531	1 Mohm, 5%, 1/10W, TP, 1608
	120ohm, 5%, 1/10W, TP, 1608
	2. 2Kohm, 5%, 1/10W, TP, 1608
	1 1Kohm, 5%, 1/16W, TP, 1005
2007-000140 R205	1 1Kohm, 5%, 1/16W, TP, 1005
2007-000143 R207	4.7Kohm, 5%, 1/16W, TP, 1005
2007-000143 R221	4. 7Kohm, 5%, 1/16W, TP, 1005
	4. 7Kohm, 5%, 1/16W, TP, 1005
	4. 7Kohm, 5%, 1/16W, TP, 1005
	4. 7Kohii, 5%, 1/16W, 1F, 1005
	4. 7Kohm, 5%, 1/16W, TP, 1005
2007-000143 R226	4.7Kohm, 5%, 1/16W, TP, 1005
2007-000143 R227	4.7Kohm, 5%, 1/16W, TP, 1005
2007-000143 R228	4.7Kohm, 5%, 1/16W, TP, 1005
	4.7Kohm, 5%, 1/16W, TP, 1005
	4. 7Kohm, 5%, 1/16W, TP, 1005
	4. 7Kohm, 5%, 1/16W, TP, 1005
	4.7Kohm, 5%, 1/16W, TP, 1005
	1 10Kohm, 5%, 1/16W, TP, 1005
2007-000148 R204	10Kohm, 5%, 1/16W, TP, 1005
2007-000148 R206	1 10Kohm, 5%, 1/16W, TP, 1005
2007-000170 R201	1 1Mohm, 5%, 1/16W, TP, 1005
	1.5Kohm, 1%, 1/10W, TP, 1608
	1. 6Kohm, 1%, 1/10W, TP, 1608
	1. 6Kohm, 1%, 1/10W, TP, 1608
	1.6Kohm, 1%, 1/10W, TP, 1608
2007-000300 R901	1 10Kohm, 5%, 1/8W, TP, 2012
2007-000385 R101	14.3Kohm, 1%, 1/4W, TP, 3216
2007-000385 R105	1 14. 3Kohm, 1%, 1/4W, TP, 3216
	18Kohm, 1%, 1/10W, TP, 1608
	1 18Kohm, 1%, 1/10W, TP, 1608
	1 2. 2Kohm, 1%, 1/10W, TP, 1608
	200ohm, 1%, 1/10W, TP, 1608
	1 200ohm, 1%, 1/4W, TP, 3216
2007-000537 R155	200ohm, 1%, 1/4W, TP, 3216
2007-000537 R156	200ohm, 1%, 1/4W, TP, 3216
	200ohm, 1%, 1/4W, TP, 3216
	200ohm, 1%, 1/4W, TP, 3216
	24Kohm, 1%, 1/10W, TP, 1608
	24Kohm, 1%, 1/10W, TP, 1608
	1 24Kohm, 1%, 1/10W, TP, 1608
2007-000614 R470	1 24Kohm, 1%, 1/10W, TP, 1608
2007-000614 R471	24Kohm, 1%, 1/10W, TP, 1608
2007-000614 R472	24Kohm, 1%, 1/10W, TP, 1608
	24Kohm, 1%, 1/10W, TP, 1608
	24Kohm, 1%, 1/10W, TP, 1608
	27Kohm, 1%, 1/10W, TP, 1608
	3. 3Kohm, 1%, 1/10W, TP, 1608
2007-000683 R459	3. 3Kohm, 1%, 1/10W, TP, 1608
2007-000683 R466	3. 3Kohm, 1%, 1/10W, TP, 1608
2007-000763 R476	1 3 3 U O N M, 1 / 1 U W, 1 P, 1 O U S
 	330ohm, 1%, 1/10W, TP, 1608 330ohm, 1%, 1/10W, TP, 1608

2007-000872	R801	1	4.7Kohm, 5%, 1/8W, TP, 2012
2007-000872	R802	1	4.7Kohm, 5%, 1/8W, TP, 2012
2007-000872	R803	1	4. 7Kohm, 5%, 1/8W, TP, 2012
2007-000924			470Kohm, 1%, 1/4W, TP, 3216
			470Kohm, 1%, 1/4W, TP, 3216
2007-000924			
2007-000924			470Kohm, 1%, 1/4W, TP, 3216
2007-000924	R106	1	470Kohm, 1%, 1/4W, TP, 3216
2007-000924	R107	1	470Kohm, 1%, 1/4W, TP, 3216
2007-000924	R108	1	470Kohm, 1%, 1/4W, TP, 3216
2007-000979			5. 6Kohm, 1%, 1/10W, TP, 1608
2007-001071			6. 8Kohm, 5%, 1/8W, TP, 2012
2007-001175			8. 2Kohm, 1%, 1/10W, TP, 1608
2007-001175	R423	1	8. 2Kohm, 1%, 1/10W, TP, 1608
2007-001175	R427	1	8.2Kohm, 1%, 1/10W, TP, 1608
2007-010245	R410	1	0.01ohm, 1%, 2W, TP, 6432
2007-010245	R411	1	0.01ohm, 1%, 2W, TP, 6432
2007-010245			0.01ohm, 1%, 2W, TP, 6432
2007-010245			0. 01ohm, 1%, 2W, TP, 6432
2007-010245			0.01ohm, 1%, 2W, TP, 6432
2203-000236			0. 1nF, 5%, 50V, C0G, TP, 1608
2203-000257	C222	1	10nF, 10%, 50V, X7R, TP, 1608
2203-000257	C223	1	10nF, 10%, 50V, X7R, TP, 1608
2203-000257			10nF, 10%, 50V, X7R, TP, 1608
2203-000257			10nF, 10%, 50V, X7R, TP, 1608
2203-000257			10nF, 10%, 50V, X7R, TP, 1608
2203-000257			10nF, 10%, 50V, X7R, TP, 1608
2203-000257			10nF, 10%, 50V, X7R, TP, 1608
2203-000257		1	10nF, 10%, 50V, X7R, TP, 1608
2203-000257	C423	1	10nF, 10%, 50V, X7R, TP, 1608
2203-000440			1nF, 10%, 50V, X7R, TP, 1608
2203-000440			1nF, 10%, 50V, X7R, TP, 1608
2203-000440			1nF, 10%, 50V, X7R, TP, 1608
2203-000440	C408		1nF, 10%, 50V, X7R, TP, 1608
2203-000440	C409	1	1nF, 10%, 50V, X7R, TP, 1608
2203-000440	C410	1	1nF, 10%, 50V, X7R, TP, 1608
2203-000440	C411	1	1nF, 10%, 50V, X7R, TP, 1608
2203-000440			1nF, 10%, 50V, X7R, TP, 1608
2203-000440			1nF, 10%, 50V, X7R, TP, 1608
2203-000440			1nF, 10%, 50V, X7R, TP, 1608
2203-000440	C506	1	1nF, 10%, 50V, X7R, TP, 1608
2203-000440		1	1nF, 10%, 50V, X7R, TP, 1608
2203-000440	C508	1	1nF, 10%, 50V, X7R, TP, 1608
2203-000440		1	1nF, 10%, 50V, X7R, TP, 1608
2203-000440			1nF, 10%, 50V, X7R, TP, 1608
2203-000110			1nF, 10%, 50V, X7R, TP, 1608
2203-000440			1nF, 10%, 50V, X7R, TP, 1608
2203-000783	C455	1	0. 33nF, 5%, 50V, C0G, TP, 1608
2203-000783		1	0. 33nF, 5%, 50V, C0G, TP, 1608
2203-002002	C453	1	0. 033nF, 5%, 50V, NPO, TP, 1608
2203-002002		1	0. 033nF, 5%, 50V, NPO, TP, 1608
2203-002002			0. 033nF, 5%, 50V, NP0, TP, 1608
2203-002002			0. 033nF, 5%, 50V, NP0, TP, 1608
2203-002002			0. 033nF, 5%, 50V, NP0, TP, 1608
2203-002002			0. 033nF, 5%, 50V, NP0, TP, 1608
2203-002002	C518	1	0. 033nF, 5%, 50V, NP0, TP, 1608
2203-002002	C519	1	0. 033nF, 5%, 50V, NP0, TP, 1608
2203-002398	C524	1	22nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249	C162	1	100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249	C253	1	100nF, 10%, 50V, X7R, TP, 1608
2203-005249	C254	1	100nF, 10%, 50V, X7R, TP, 1608
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2203-005249	C302	1	100nF, 10%, 50V, X7R, TP, 1608
2203-005249	C303	1	100nF, 10%, 50V, X7R, TP, 1608
2203-005249	C304	1	100nF, 10%, 50V, X7R, TP, 1608
2203-005249	C305	1	100nF, 10%, 50V, X7R, TP, 1608
2203-005249	C306	1	100nF, 10%, 50V, X7R, TP, 1608
2203-005249	C307	1	100nF, 10%, 50V, X7R, TP, 1608
2203-005249	C401		100nF, 10%, 50V, X7R, TP, 1608
2203-005249	C402		100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
	C511		100nF, 10%, 50V, X7R, TP, 1608
	C514		100nF, 10%, 50V, X7R, TP, 1608
2203-005249	C520		100nF, 10%, 50V, X7R, TP, 1608
2203-005249	C521		100nF, 10%, 50V, X7R, TP, 1608
2203-005249	C525	1	100nF, 10%, 50V, X7R, TP, 1608
2203-005249	C526	1	100nF, 10%, 50V, X7R, TP, 1608
2203-005249	C527	1	100nF, 10%, 50V, X7R, TP, 1608
2203-005249	C701	1	100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-005249			100nF, 10%, 50V, X7R, TP, 1608
2203-006158			100nF, 10%, 16V, X7R, TP, 1005, 0. 5T
2203-006158			100nF, 10%, 16V, X7R, TP, 1005, 0. 5T
2203-006158			100nF, 10%, 16V, X7R, TP, 1005, 0. 5T
2203-006158			100nF, 10%, 16V, X7R, TP, 1005, 0. 5T
2203-006158			100nF, 10%, 16V, X7R, TP, 1005, 0. 5T
2203-006158			100nF, 10%, 16V, X7R, TP, 1005, 0. 5T
2203-006158			100nF, 10%, 16V, X7R, TP, 1005, 0. 5T
2203-006158	C211		100nF, 10%, 16V, X7R, TP, 1005, 0. 5T
2203-006158	C212		100nF, 10%, 16V, X7R, TP, 1005, 0. 5T
2203-006460	C522	1	2200nF, 10%, 16V, X5R, TP, 1608, -
2203-006960	C902	1	1000nF, 10%, 50V, X7R, TP, 2012
2203-007456	C202	1	1000nF, 10%, 25V, X5R, TP, 1005, 0.5T
2203-007456	C205	1	1000nF, 10%, 25V, X5R, TP, 1005, 0.5T
2203-007456	C209		1000nF, 10%, 25V, X5R, TP, 1005, 0. 5T
2203-007456	C213	1	1000nF, 10%, 25V, X5R, TP, 1005, 0. 5T
2203-007456			1000nF, 10%, 25V, X5R, TP, 1005, 0. 5T
2203-007456			1000nF, 10%, 25V, X5R, TP, 1005, 0. 5T
2203-007456	C227		1000nF, 10%, 25V, X5R, TP, 1005, 0. 5T
	C228		1000nF, 10%, 25V, X5R, TP, 1005, 0. 5T
2203-007456	C229		1000nF, 10%, 25V, X5R, TP, 1005, 0. 5T
2402-001183	CE451		22UF, 20%, 16V, WT, TP, 5. 3X5. 3X6MM
2402-001268	CE153		100uF, 20%, 25V, WT, TP, 8x6. 3mm
2402-001268	CE 404		100uF, 20%, 25V, WT, TP, 8x6. 3mm
2402-001268	CE420		100uF, 20%, 25V, WT, TP, 8x6. 3mm
2402-001368	CE401		47uF, 20%, 25V, TP, 6. 3x4. 9mm
2402-001368	CE402		47uF, 20%, 25V, TP, 6. 3x4. 9mm
2402-001368	CE403		47uF, 20%, 25V, TP, 6. 3x4. 9mm
2802-001165			4MHz, 0. 5%, TP, 4. 5x2. 0x1. 15mm
2802-001211	X501		8MHZ, 0. 1%, TP, 3. 2X1. 3X0. 9 MM
DB41-01227A	PCB MAIN	1	FR-4, 2Layer, 142*197, PF#2, OUTDOOR, 20z, 142*197
DB91-01517A	IC501	1	Soc 1Phase PF2, PF3, STM-125F-OA, HART-1910, 64LQFP, ROM 64KB
0903-001843	_	1	HART-I910, LQFP, 64Z30, 12x12mm, 8MHz, 5V, 600mW, -40to+85C, 12KB, 64KB, Inverter SOC, Inverter SOC
DB98-31449A	ASSY-LABEL MICOM	1	QFP, 64P, WHT, 9*9
DB91-01615A	IC201	1	RAC A3050 Outdoor Micom Nordic, STM-140B-OA, S3FMO2G, 128TQFP, ROM 384KB
DB09-00596A	_	1	S3FM02G, 128P, DC3V, TQFP, -40~+85, 384K
DB98-31449A	ASSV-LAREL MICOM		
■DD30=01449A	ASSY-LABEL MICOM	L	QFP, 64P, WHT, 9*9

6-4 OUTDOOR MAIN PBA(DB92-02866J) _AR18KSWSPWKXCV

Parts Code	Design Loc	Parts Description	Spec.	Quantity	Unit
0202-001338	SOLDER-BAR	SOLDER-BAR	LeeD-free Solder BAR, W20L350H8, 99. 3Sn/0.7Cu/0.01P	0.47	
0202-001463		SOLDER-WIRE	LFC2-W3. 0, D3, 99. 79Sn/0. 2Cu/0. 01P	4. 27	
	FLUX	FLUX	KSP-70M-S, MIXTURE, NO, FLUX, 13%	0. 43	
0204-005794		SOLVENT	S-1000, (CH3) 2CH0H, 100%, 0. 79		G
1404-001498		THERMISTOR-PTC	40ohm, 25%, 290Vac, 7A, TR		PC
1405-000154		VARISTOR	560V, 460Vdc, 4500A, 17. 5x7. 5mm, BK, 920V, 600pF		PC
	VA003	VARISTOR	560V, 460Vdc, 4500A, 17. 5x7. 5mm, BK, 920V, 600pF	1	PC
1405-001239		VARISTOR	680V, 560Vdc, 6000A, 17x7. 3mm, BK, 1120V, 350pF	1	PC
1405-001239	VA401	VARISTOR	680V, 560Vdc, 6000A, 17x7. 3mm, BK, 1120V, 350pF	1	PC
2201-000540	C425	C-CERAMIC, DISC	4.7nF, 20%, 2000V, Y5U, 12x5mm, 10mm	1	PC
2201-002002	C004	C-CERAMIC, DISC	4. 7nF, 20%, 400V, Y5U, 16x6mm, 10mm	1	PC
2201-002002	C005	C-CERAMIC, DISC	4.7nF, 20%, 400V, Y5U, 16x6mm, 10mm	1	PC
2201-002002	C012	C-CERAMIC, DISC	4. 7nF, 20%, 400V, Y5U, 16x6mm, 10mm	1	PC
2201-002002	C013	C-CERAMIC, DISC	4. 7nF, 20%, 400V, Y5U, 16x6mm, 10mm	1	PC
2301-001285	C001	C-FILM, LEAD-PPF	680nF, 10%, 275V, BK, 31x11x21mm	1	PC
2301-001285	C006	C-FILM, LEAD-PPF	680nF, 10%, 275V, BK, 31x11x21mm	1	PC
2306-000123	C412	C-FILM, LEAD-PPF	100nF, 5%, 630V, BK, 18x17x10mm	1	PC
2401-004874	CE101	C-AL	330uF, 20%, 400V, BK, 25. 4*50, 10mm	1	PC
2401-004874	CE102	C-AL	330uF, 20%, 400V, BK, 25. 4*50, 10mm	1	PC
2401-004874	CE103	C-AL	330uF, 20%, 400V, BK, 25. 4*50, 10mm		PC
3501-001154	RY022	RELAY-MINIATURE	12V, 200mW, 3000mA, 1FormA, 10ms, 10ms		PC
3501-001154	RY030	RELAY-MINIATURE	12V, 200mW, 3000mA, 1FormA, 10ms, 10ms		PC
3501-001279	RY021	RELAY-POWER	12V, 400mW, 16000mA, 1FormA, 15ms, 5ms	1	PC
3711-000177	CN301	HEADER-BOARD TO CABLE	1WALL, 2P, 1R, 3. 96MM, STRAIGHT, SN, RED		PC
3711-000203	CN030	HEADER-BOARD TO CABLE	1WALL, 2P/3P, 1R, 7. 92mm, STRAIGHT, SN, WHT, 11. 82x8. 6x9. 4		PC
3711-000296	CN901	HEADER-BOARD TO CABLE	1WALL, 6P, 1R, 3. 96MM, STRAIGHT, SN, WHT		PC
3711-000760	CN551		BOX, 20P, 2R, 2MM, ANGLE, SN, BLK		PC
3711-002001	CN201		BOX, 20P, 2R, 2. 0mm, STRAIGHT, SN, BLK, 5. 0X22. 0X6. 6mm		PC
	CN150	HEADER-BOARD TO CABLE	1WALL, 2P, 1R, 7. 92mm, STRAIGHT, SN, BLU		PC
		HEADER-BOARD TO CABLE	BOX, 8P, 1R, 2mm, STRAIGHT, SN, WHT		PC
3711-007656		HEADER-BOARD TO CABLE	BOX, 3, 1R, 6mm, STRAIGHT, WHT		PC
3711-007659	CN401	HEADER-BOARD TO CABLE	BOX, 2, 1R, 7. 92mm, STRAIGHT, WHT		PC
3711-007817	CN501	HEADER-BOARD TO BOARD	3WALL, 7P, 1R, 2mm, STRAIGHT, SN, WHT		PC
3712-001047	CN003	CONNECTOR—TERMINAL	TAB, MALE, N, 0. 5/4. 75mm		PC
3712-001139	CN001	CONNECTOR TERMINAL	TAB, MALE, 6, 35x0, 8mm		PC DC
3712-001139	CN002	CONNECTOR-TERMINAL	TAB, MALE, 6. 35x0. 8mm		PC PC
4719-002483		POWER MODULE	600V, 20A, DIP, FPAB20BH60B, 27, PFCM		_
4719-002484 DB27-00097A	FT001	POWER MODULE COIL CHOKE	600V, 15A, DIP, FNA41560B2, 26, IPM		PC PC
DB61-05296A		SUPPORT-IC	3. 5mH, 37. 5*40*26 AFX-HD233A, PA66, FR50, BLACK		PC
DB61-05296A		SUPPORT-PCB	XS01 V2MD, PA66+GF30%, KN333G30, BLACK		PC
DB68-05458A	_	LABEL BAR CODE	AM9000H, ART, W17. 5, L15, PCB PARTS		PC
DB94-05906A	_	ASSY PCB AUTO	OUTDOOR, A3050, 197*142, PF#2, DB92-02866.J		PC
0504-001044	0151	TR-DIGITAL	KRA226M, PNP, 400MW, 2. 2K/10K, TO-92M, TP		PC
	C901	C-CERAMIC, DISC	2. 2nF, 10%, 2000V, Y5P, TP, 12. 5x5mm, 7. 5mm		PC
2401-000303		C-AL	100uF, 20%, 25V, WT, TP, 6. 3x11mm, 5mm		PC
	CE163	C-AL	100uF, 20%, 25V, WT, TP, 6. 3x11mm, 5mm		PC
	CE151	C-AL	470uF, 20%, 25V, WT, TP, 10x16, 5mm		PC
	CE902	C-AL	47uF, 20%, 50V, WT, TP, 6. 3x11, 5mm		PC
	CE152	C-AL	470uF, 20%, 16V, WT, TP, 8X11. 5, 5mm		PC
2401-003585		C-AL	220uF, 20%, 35V, WT, TP, 8x11. 5mm, 5		PC
3601-001538		FUSE-AXIAL LEAD	250V, 15A, TIME-LAG, CERAMIC, 6. 35x31.8mm	1	PC
3711-000015	CN203	HEADER-BOARD TO CABLE	BOX, 2P, 1R, 2.5mm, STRAIGHT, SN, WHT, 5.8X7.4X7.0mm		PC
	CN202	HEADER-BOARD TO CABLE	BOX, 3P, 1R, 2. 5MM, STRAIGHT, SN, WHT		PC
3711-000879	CN152	HEADER-BOARD TO CABLE	BOX, 3P, 1R, 2.5mm, STRAIGHT, SN, BLU	1	PC
3711-000880	CN151	HEADER-BOARD TO CABLE	BOX, 3P, 1R, 2.5MM, STRAIGHT, SN, RED	1	PC
3711-000998	CN701	CONNECTOR-HEADER	BOX, 5P, 1R, 2.5MM, STRAIGHT, SN, RED	1	PC
3711-000999	CN204	HEADER-BOARD TO CABLE	BOX, 5P, 1R, 2.5mm, STRAIGHT, SN, WHT	1	PC
4715-001093	DSA001	SURGE ABSORBER	3600V, 20%, 2000A, -, AXIAL	1	PC
DB94-05907A		ASSY PCB SMD	OUTDOOR, A3050, 197*142, PF#2, DB92-02866J	1	PC
0202-001933	SOLDER-CREAM	SOLDER-CREAM	LFM-48W TM-HP, D20~38um, 96.5Sn/3Ag/0.5Cu, FLUX 12%		G
0401-001099	D020	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1	PC

0401-001099	D021	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099	D030	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099	D152	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099	D153	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099	D454	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099	D500	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099	D501	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099	D502	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
	D503	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099		DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
	D505	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099		DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
	D508	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
	D904	DIODE-SWITCHING DIODE-SWITCHING		1 PC
			1N4148WS, 75V, 150mA, SOD-323, TP	
0401-001099		DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0402-001795		DIODE-RECTIFIER	US1M, 1000V, 1A, SMA, TP	1 PC
0403-001499		DIODE-ZENER	MMSZ5252B, 22. 8/25. 2V, 500mW, SOD-123, TP	1 PC
0403-001499		DIODE-ZENER	MMSZ5252B, 22. 8/25. 2V, 500mW, SOD-123, TP	1 PC
0404-001020		DIODE-SCHOTTKY	BAT54C, 30V, 200mA, SOT-23, TP	1 PC
0404-001020	D492	DIODE-SCHOTTKY	BAT54C, 30V, 200mA, SOT-23, TP	1 PC
0406-001204	TD301	DIODE-TVS	SMBJ5. 0CA, 6. 4/-/7. 25V, 600W, SMB	1 PC
0406-001204	TD302	DIODE-TVS	SMBJ5. OCA, 6. 4/-/7. 25V, 600W, SMB	1 PC
0406-001204	TD303	DIODE-TVS	SMBJ5. OCA, 6. 4/-/7. 25V, 600W, SMB	1 PC
0501-000465	Q551	TR-SMALL SIGNAL	MMBT3904, NPN, 350mW, SOT-23, TP, 30-300	1 PC
0504-001008	Q351	TR-DIGITAL	RN2427, PNP, 200mW, 2. 2K/10Kohm, SOT-23, TP	1 PC
0504-001008		TR-DIGITAL	RN2427, PNP, 200mW, 2. 2K/10Kohm, SOT-23, TP	1 PC
0504-001008	•	TR-DIGITAL	RN2427, PNP, 200mW, 2. 2K/10Kohm, SOT-23, TP	1 PC
0504-001008	·	TR-DIGITAL	RN2427, PNP, 200mW, 2. 2K/10Kohm, SOT-23, TP	1 PC
	Q902	TR-DIGITAL	KRC246S, NPN, 200mW, 2. 2K/10Kohm, SOT-23, TP	1 PC
0506-000175		TR-ARRAY	2003, NPN, 7, 1000mW, S0P-16, ST, 1000	1 PC
0506-000175				1 PC
		TR-ARRAY	2003, NPN, 7, 1000mW, S0P-16, ST, 1000	1 PC
0506-000175		TR-ARRAY	2003, NPN, 7, 1000mW, S0P-16, ST, 1000	
0601-002423		LED	SMD (REVERSE), RED, 3. 2x1. 6mm, 639nm, 3. 2x1. 6x1. 1mm	1 PC
0601-002955		LED	SMD (REVERSE), YEL, 1. 6x1. 5mm, 588nm, 3. 2x1. 6x1. 1mm	1 PC
0601-002956		LED	SMD (REVERSE), GRN, 1. 6x1. 5mm, 3. 2x1. 6x1. 1mm	1 PC
0601-002956		LED	SMD (REVERSE), GRN, 1. 6x1. 5mm, 3. 2x1. 6x1. 1mm	1 PC
0604-001172		PHOTO-COUPLER	TR, 150-300, 200mW, SOP, TP	1 PC
0604-001172		PHOTO-COUPLER	TR, 150-300, 200mW, SOP, TP	1 PC
0604-001172	PC352	PHOTO-COUPLER	TR, 150-300, 200mW, SOP, TP	1 PC
0801-000393	IC302	IC-CMOS LOGIC	74HC86, OR GATE, SOP, 14P, 150MIL, QUAD, ST, - , 2. 0/6. 0V, 0. 26V, -40to+85C, 180mW, 4. 2V, 1uA,	1 PC
1006-001325	IC301	IC-BUS TRANSCEIVER	SO, 8P, 4. 9x3. 8 mm, SINGLE, ST, PLASTIC, 5V, - 40to+85C, 1, 1, 1. 5/5. 0V	1 PC
1201-002946	IC451	IC-OP AMP	TSSOP, TR, 14P, 5x4. 4x1. 2mm, 100, 5. 5V, - 40to+85C, 63dB, 1, 1nA, 1nA, 1. 7mV	1 PC
1203-002835	IC154	IC-POSI. FIXED REG.	7805, D-	1 PC
			PAK/T0252, 3P, 6. 6x6. 1mm, PLASTIC, 4. 8V/5. 2V, 1. 3W, -, TP	
1203-002986	IC155	IC-POSI. FIXED REG.	7812, 3P, 6. 6x6. 1mm, PLASTIC, 11. 5/12. 5V, 1. 3, 150C, 1A, TP KIA7042AT, TSM, 3P, 2. 9x1. 6mm, PLASTIC, 4. 2V, 350mW, –	1 PC
1203-004967	IC502	IC-VOL. DETECTOR	30to+75C, 20mA, -, -	1 PC
2007-000043	R424	R-CHIP	1Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000070		R-CHIP	0ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000074		R-CHIP	100ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000074		R-CHIP	100ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000074		R-CHIP	100ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000074		R-CHIP	100ohm, 5%, 1/10W, TP, 1608	1 PC
	R234	R-CHIP	100ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000074		R-CHIP	100ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000074		I CHIL		1 PC
		P_CUID	1100ohm 5% 1/10W TP 1609	1110
2007-000074	R402	R-CHIP	100ohm, 5%, 1/10W, TP, 1608	1 DC
2007 000074	R402 R403	R-CHIP	100ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000074	R402 R403 R404	R-CHIP R-CHIP	100ohm, 5%, 1/10W, TP, 1608 100ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000074	R402 R403 R404 R405	R-CHIP R-CHIP R-CHIP	100ohm, 5%, 1/10W, TP, 1608 100ohm, 5%, 1/10W, TP, 1608 100ohm, 5%, 1/10W, TP, 1608	1 PC 1 PC
2007-000074 2007-000074	R402 R403 R404 R405 R406	R-CHIP R-CHIP R-CHIP R-CHIP	100ohm, 5%, 1/10W, TP, 1608 100ohm, 5%, 1/10W, TP, 1608 100ohm, 5%, 1/10W, TP, 1608 100ohm, 5%, 1/10W, TP, 1608	1 PC 1 PC 1 PC
2007-000074 2007-000074 2007-000074	R402 R403 R404 R405 R406 R407	R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP	100ohm, 5%, 1/10W, TP, 1608 100ohm, 5%, 1/10W, TP, 1608 100ohm, 5%, 1/10W, TP, 1608 100ohm, 5%, 1/10W, TP, 1608 100ohm, 5%, 1/10W, TP, 1608	1 PC 1 PC 1 PC 1 PC
2007-000074 2007-000074 2007-000074 2007-000074	R402 R403 R404 R405 R406 R407 R420	R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP	100ohm, 5%, 1/10W, TP, 1608 100ohm, 5%, 1/10W, TP, 1608	1 PC 1 PC 1 PC 1 PC 1 PC
2007-000074 2007-000074 2007-000074 2007-000074 2007-000074	R402 R403 R404 R405 R406 R407 R420 R422	R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP	100ohm, 5%, 1/10W, TP, 1608 100ohm, 5%, 1/10W, TP, 1608	1 PC 1 PC 1 PC 1 PC 1 PC 1 PC
2007-000074 2007-000074 2007-000074 2007-000074 2007-000074 2007-000074	R402 R403 R404 R405 R406 R407 R420 R422 R516	R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP	100ohm, 5%, 1/10W, TP, 1608 100ohm, 5%, 1/10W, TP, 1608	1 PC 1 PC 1 PC 1 PC 1 PC 1 PC 1 PC
$\begin{array}{c} 2007-000074 \\ 2007-000074 \\ 2007-000074 \\ 2007-000074 \\ 2007-000074 \\ 2007-000074 \\ 2007-000074 \\ 2007-000074 \\ \end{array}$	R402 R403 R404 R405 R406 R407 R420 R422 R516 R519	R-CHIP	100ohm, 5%, 1/10W, TP, 1608 100ohm, 5%, 1/10W, TP, 1608	1 PC 1 PC 1 PC 1 PC 1 PC 1 PC 1 PC 1 PC
$\begin{array}{c} 2007-000074 \\ 2007-000074 \\ 2007-000074 \\ 2007-000074 \\ 2007-000074 \\ 2007-000074 \\ 2007-000074 \\ 2007-000074 \\ 2007-000074 \\ \end{array}$	R402 R403 R404 R405 R406 R407 R420 R422 R516	R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP R-CHIP	100ohm, 5%, 1/10W, TP, 1608 100ohm, 5%, 1/10W, TP, 1608	1 PC 1 PC 1 PC 1 PC 1 PC 1 PC 1 PC

2007-000076	R255	R-CHIP	330ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000076	R256	R-CHIP	330ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000076	R257	R-CHIP	330ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000076		R-CHIP	330ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000076		R-CHIP	330ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000076		R-CHIP	330ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000076		R-CHIP	330ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000076		R-CHIP	330ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000076	R904	R-CHIP	330ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000078	R303	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000078	R307	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000078	R308	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000078		R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000078		R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000078		R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
				1 PC
2007-000078		R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	
2007-000078		R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000078		R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000078	R509	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000078	R515	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000078	R529	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000078	R530	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000078		R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000078		R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000078		R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000078		R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000078		R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000080	R522	R-CHIP	2Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000082	R421	R-CHIP	3. 3Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084	R211	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084	R212	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
				1 PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	
		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084	R220	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084	R408	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084	R501	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084	R506	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084	R507	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084		R-CHIP		1 PC
			4. 7Kohm, 5%, 1/10W, TP, 1608	
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084		R-CHIP	4.7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084	R521	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084	R523	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
			4. 7Kohm, 5%, 1/10W, 1F, 1608	1 PC
2007-000084		R-CHIP		
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
	R536	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084	R903	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000090	R301	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000090	R302	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000090		R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000090		R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000090		R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
				1 PC
2007-000090		R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	
	R533	R-CHIP	10Kohn, 5%, 1/10W, TP, 1608	1 PC
2007-000090	R551	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC

2007-000090	R552	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000090	R553	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000090	R554	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000090	R555	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
	R559	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
	R565	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
	R531	R-CHIP	1Mohm, 5%, 1/10W, TP, 1608	1 PC
2007-000116		R-CHIP	120ohm, 5%, 1/10W, TP, 1608	1 PC
	R564	R-CHIP	2. 2Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000140		R-CHIP	1Kohm, 5%, 1/16W, TP, 1005	1 PC
	R205	R-CHIP	1Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143		R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC 1 PC
2007-000143 2007-000143		R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC 1 PC
2007-000143		R-CHIP R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143		R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005 4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143		R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143		R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143		R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143		R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143		R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143		R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143		R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143		R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000148		R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000148		R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000148	R206	R-CHIP	10Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000170	R201	R-CHIP	1Mohm, 5%, 1/16W, TP, 1005	1 PC
2007-000239	R491	R-CHIP	1.5Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000256	R455	R-CHIP	1.6Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000256	R457	R-CHIP	1.6Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000256	R468	R-CHIP	1.6Kohm, 1%, 1/10W, TP, 1608	1 PC
	R901	R-CHIP	10Kohm, 5%, 1/8W, TP, 2012	1 PC
2007-000385		R-CHIP	14. 3Kohm, 1%, 1/4W, TP, 3216	1 PC
2007-000385		R-CHIP	14.3Kohm, 1%, 1/4W, TP, 3216	1 PC
2007-000455		R-CHIP	18Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000455		R-CHIP	18Kohm, 1%, 1/10W, TP, 1608	1 PC
	R561	R-CHIP	2. 2Kohm, 1%, 1/10W, TP, 1608	1 PC
	R492	R-CHIP	200ohn, 1%, 1/10W, TP, 1608	1 PC
	R154	R-CHIP	200ohn, 1%, 1/4W, TP, 3216	1 PC
	R155	R-CHIP	200ohn, 1%, 1/4W, TP, 3216	1 PC
2007-000537		R-CHIP	200ohn, 1%, 1/4W, TP, 3216	1 PC
2007-000537 2007-000537		R-CHIP	200ohn, 1%, 1/4W, TP, 3216	1 PC 1 PC
2007-000537		R-CHIP R-CHIP	200ohm, 1%, 1/4W, TP, 3216 24Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000614		R-CHIP		1 PC
2007-000614		R-CHIP	24Kohm, 1%, 1/10W, TP, 1608 24Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000614		R-CHIP	24Kohm, 1%, 1/10W, 1F, 1608	1 PC
2007-000614		R-CHIP	24Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000614		R-CHIP	24Kohm, 1%, 1/10W, 11, 1608	1 PC
2007-000614		R-CHIP	24Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000614		R-CHIP	24Kohn, 1%, 1/10W, TP, 1608	1 PC
2007-000651		R-CHIP	27Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000683		R-CHIP	3. 3Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000683		R-CHIP	3. 3Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000683		R-CHIP	3. 3Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000763	R476	R-CHIP	330ohm, 1%, 1/10W, TP, 1608	1 PC
2007-000763	R477	R-CHIP	330ohm, 1%, 1/10W, TP, 1608	1 PC
2007-000872	R801	R-CHIP	4. 7Kohm, 5%, 1/8W, TP, 2012	1 PC
2007-000872		R-CHIP	4. 7Kohm, 5%, 1/8W, TP, 2012	1 PC
2007-000872		R-CHIP	4. 7Kohm, 5%, 1/8W, TP, 2012	1 PC
2007-000924		R-CHIP	470Kohm, 1%, 1/4W, TP, 3216	1 PC
2007-000924		R-CHIP	470Kohm, 1%, 1/4W, TP, 3216	1 PC
2007-000924		R-CHIP	470Kohm, 1%, 1/4W, TP, 3216	1 PC
2007-000924	R106	R-CHIP	470Kohm, 1%, 1/4W, TP, 3216	1 PC

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2007-000924		R-CHIP	470Kohm, 1%, 1/4W, TP, 3216	1 PC
2007-000924		R-CHIP	470Kohm, 1%, 1/4W, TP, 3216	1 PC
2007-000979		R-CHIP	5. 6Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-001071		R-CHIP	6. 8Kohm, 5%, 1/8W, TP, 2012	1 PC
2007-001175		R-CHIP	8. 2Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-001175		R-CHIP	8. 2Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-001175		R-CHIP	8. 2Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-010245		R-CHIP	0. 01 ohm, 1%, 2W, TP, 6432	1 PC
2007-010245		R-CHIP	0. 01 ohm, 1%, 2W, TP, 6432	1 PC
2007-010245		R-CHIP	0. 01 ohm, 1%, 2W, TP, 6432	1 PC
2007-010245		R-CHIP	0. 01 ohm, 1%, 2W, TP, 6432	1 PC
2007-010245		R-CHIP	0. 01ohm, 1%, 2W, TP, 6432	1 PC
2203-000236		C-CER, CHIP	0. 1nF, 5%, 50V, C0G, TP, 1608	1 PC
	C222	C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-000257		C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608	1 PC
	C224	C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608	1 PC
	C225	C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608	1 PC
	C301	C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608	1 PC
	C351	C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-000257		C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-000257	C422	C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608	1 PC
	C423	C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
	C410	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-000440	C501	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
	C504	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-000440	C505	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
	C506	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
	C508	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-000440	C510	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
	C512	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-000440	C904	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-002002	C453	C-CER, CHIP	0. 033nF, 5%, 50V, NP0, TP, 1608	1 PC
2203-002002	C454	C-CER, CHIP	0. 033nF, 5%, 50V, NP0, TP, 1608	1 PC
2203-002002		C-CER, CHIP	0. 033nF, 5%, 50V, NP0, TP, 1608	1 PC
2203-002002		C-CER, CHIP	0. 033nF, 5%, 50V, NPO, TP, 1608	1 PC
2203-002002			0. 033nF, 5%, 50V, NP0, TP, 1608	1 PC
2203-002002		C-CER, CHIP	0. 033nF, 5%, 50V, NP0, TP, 1608	1 PC
2203-002002		C-CER, CHIP	0. 033nF, 5%, 50V, NP0, TP, 1608	1 PC
2203-002002		C-CER, CHIP	0. 033nF, 5%, 50V, NP0, TP, 1608	1 PC
2203-002398		C-CER, CHIP	22nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
	C151	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC 1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC 1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	
	C252	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC 1 PC
	C253	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC 1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC 1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	
2203-005249	U3U0	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC

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2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249	C521	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249	C525	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249	C526	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249	C527	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249	C701	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249	C702	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249	C703	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249	C704	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-006158	C201	C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
	C522	C-CER, CHIP	2200nF, 10%, 16V, X5R, TP, 1608, -	1 PC
2203-006960		C-CER, CHIP	1000nF, 10%, 50V, X7R, TP, 2012	1 PC
2203-000300		C-CER, CHIP	1000nF, 10%, 50V, X7R, TP, 1005 (1106), 0. 5T	1 PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	1 PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TF, 1005 (1106), 0. 5T	1 PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	1 PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	1 PC
2203-007456				1 PC
		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	1 PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	
2203-007456	i e	C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	1 PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	1 PC
2402-001183		C-AL, SMD	22UF, 20%, 16V, WT, TP, 5. 3X5. 3X6MM	1 PC
2402-001268		C-AL, SMD	100uF, 20%, 25V, WT, TP, 8x6. 3mm	1 PC
2402-001268		C-AL, SMD	100uF, 20%, 25V, WT, TP, 8x6. 3mm	1 PC
2402-001268		C-AL, SMD	100uF, 20%, 25V, WT, TP, 8x6. 3mm	1 PC
2402-001368		C-AL, SMD	47uF, 20%, 25V, TP, 6. 3x4. 9mm	1 PC
2402-001368		C-AL, SMD	47uF, 20%, 25V, TP, 6. 3x4. 9mm	1 PC
2402-001368		C-AL, SMD	47uF, 20%, 25V, TP, 6. 3x4. 9mm	1 PC
2802-001165		RESONATOR-CERAMIC	4MHz, 0. 5%, TP, 4. 5x2. 0x1. 15mm	1 PC
	X501	RESONATOR-CERAMIC	8MHz, 0.5%, TP, 3.2x1.3x0.9 mm	1 PC
	PCB MAIN	PCB INVERTER	FR-4, 2Layer, T1. 6, 197*142, 1, PF#2, OUTDOOR, 20z, 197*142	1 PC
DB91-01726A	IC501	ASSY MICOM	16S_PF2_PF3, STM-1514-OA, HART-i910, 64LQFP, ROM 64KB	1 PC
0903-001843	=	IC-MICROCONTROLLER	HART-1910, LQFP, 64P, 12x12mm, 8MHz, 5V, 600mW, - 40to+85C, 12KB, 64KB, Inverter SOC	1 PC
DB98-31449A	_	ASSY-LABEL MICOM	QFP, 64P, WHT, 9*9	1 PC
DB91-01736A	IC201	ASSY MICOM	15_RAC_A3050_HP_OUT, STM-1525-0A, S3FM02G, 128TQFP, ROM 384KB	1 PC
DB09-00596A	_	IC MICOM	S3FM02G, 128P, DC3V, TQFP, -40~+85, 384K	1 PC
DB98-31449A	001	ASSY-LABEL MICOM	QFP, 64P, WHT, 9*9	1 PC
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2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249	C521	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249	C525	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249	C526	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249	C527	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249	C701	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249	C702	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249	C703	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249	C704	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1 PC
2203-006158	C201	C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1 PC
	C522	C-CER, CHIP	2200nF, 10%, 16V, X5R, TP, 1608, -	1 PC
2203-006960		C-CER, CHIP	1000nF, 10%, 50V, X7R, TP, 2012	1 PC
2203-000300		C-CER, CHIP	1000nF, 10%, 50V, X7R, TP, 1005 (1106), 0. 5T	1 PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	1 PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TF, 1005 (1106), 0. 5T	1 PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	1 PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	1 PC
2203-007456				1 PC
		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	1 PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	
2203-007456	i e	C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	1 PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	1 PC
2402-001183		C-AL, SMD	22UF, 20%, 16V, WT, TP, 5. 3X5. 3X6MM	1 PC
2402-001268		C-AL, SMD	100uF, 20%, 25V, WT, TP, 8x6. 3mm	1 PC
2402-001268		C-AL, SMD	100uF, 20%, 25V, WT, TP, 8x6. 3mm	1 PC
2402-001268		C-AL, SMD	100uF, 20%, 25V, WT, TP, 8x6. 3mm	1 PC
2402-001368		C-AL, SMD	47uF, 20%, 25V, TP, 6. 3x4. 9mm	1 PC
2402-001368		C-AL, SMD	47uF, 20%, 25V, TP, 6. 3x4. 9mm	1 PC
2402-001368		C-AL, SMD	47uF, 20%, 25V, TP, 6. 3x4. 9mm	1 PC
2802-001165		RESONATOR-CERAMIC	4MHz, 0. 5%, TP, 4. 5x2. 0x1. 15mm	1 PC
	X501	RESONATOR-CERAMIC	8MHz, 0.5%, TP, 3.2x1.3x0.9 mm	1 PC
	PCB MAIN	PCB INVERTER	FR-4, 2Layer, T1. 6, 197*142, 1, PF#2, OUTDOOR, 20z, 197*142	1 PC
DB91-01726A	IC501	ASSY MICOM	16S_PF2_PF3, STM-1514-OA, HART-i910, 64LQFP, ROM 64KB	1 PC
0903-001843	=	IC-MICROCONTROLLER	HART-1910, LQFP, 64P, 12x12mm, 8MHz, 5V, 600mW, - 40to+85C, 12KB, 64KB, Inverter SOC	1 PC
DB98-31449A	_	ASSY-LABEL MICOM	QFP, 64P, WHT, 9*9	1 PC
DB91-01736A	IC201	ASSY MICOM	15_RAC_A3050_HP_OUT, STM-1525-0A, S3FM02G, 128TQFP, ROM 384KB	1 PC
DB09-00596A	_	IC MICOM	S3FM02G, 128P, DC3V, TQFP, -40~+85, 384K	1 PC
DB98-31449A	001	ASSY-LABEL MICOM	QFP, 64P, WHT, 9*9	1 PC
	•		•	1

6-4 OUTDOOR MAIN PBA(DB92-02867N)_AR24KSFPDWQXCV

2001-001388 ADRESTUE-SEL ADRESTUE-SEL CDC2577D, YCR08, 1957ES, 1, 0, 12 1, 002-001388 SUDDE-SUDD	Parts Code	Design Loc	Parts Description	Spec.	Quantity	Unit
1902-0-10463 SOLDER-FIEE SOLDER-FIEE 17.98 17.98 17.98 19.09 10.00468 19.00						
02094-00695 FLUX	0202-001338	SOLDER-BAR	SOLDER-BAR	LeeD-free Solder BAR, W20L350H8, 99. 3Sn/0.7Cu/0.01P	0.879	G
\$SQM_PM_PM_PM_PM_PM_PM_PM_PM_PM_PM_PM_PM_PM	0202-001463	SOLDER-WIRE	SOLDER-WIRE	LFC2-W3. 0, D3, 99. 79Sn/0. 2Cu/0. 01P	7. 98	G
1404-00148 PICODI	0204-004665	FLUX	FLUX	KSP-70M-S, MIXTURE, NO, FLUX, 13%	0. 738	G
1405-000154 14002						
1405-001249 VA001						
1405-001239 VAOUT						
1405 001239 VA004						
PC						_
2009-00145 2410 R-METAL PLATE						
2009-90145 8410 R. METAL PLATE 0.005clus, 58, 58, A. BK, 14, 58, 56, 59, 18, 0mm						
2201-00446 0002				· · · · · · · · ·		
2201-000446 0.005						
2201 -000446 0066			· · · · · · · · · · · · · · · · · · ·			
2201-000540 COS6 C-CREMIC, DISC 4, 76F, 20%, 2000V, YSI, 125/mm, 10mm 1 PC	2201-000446	C005	· ·		1	PC
2201-001928 2003	2201-000446	C006	C-CERAMIC, DISC	3. 3nF, 20%, 400V, Y5U, TP, 15x6mm, 10mm	1	PC
2301-001949 C003	2201-000540	C056	C-CERAMIC, DISC	4. 7nF, 20%, 2000V, Y5U, 12x5mm, 10mm	1	PC
2206-000123 C055	2301-001285	C004	C-FILM, LEAD-PPF	680nF, 10%, 275V, BK, 31x11x21mm	1	PC
2306-000123	2301-001949	C003	C-FILM, LEAD	3300nF, 10%, 275V, BK, 31x21x31mm		
2401-004929 CE053				100nF, 5%, 630V, BK, 18x17x10mm		
2401-004929 CRO55						
2401-004929 CROS5 C-AL 3900F, 20%, 400V, BK, 10mm 1 PC 2401-004929 CROS6 C-AL 3900F, 20%, 400V, BK, 10mm 1 PC 3501-001154 RY001 RELAY-MINIATURE 12V, 200m³, 3000m³, 1Form³, 10ms 1 PC 3501-001154 RY003 RELAY-MINIATURE 12V, 200m³, 3000m³, 1Form³, 10ms 1 PC 3501-001652 RY002 RELAY-POWER 12V, 09m, 3000m³, 1Form³, 10ms 1 PC 3601-001652 POOI PUSE-AXIAL LEAD 250V, 30A, TIME-LAG, CREMATIC, 6, 355-31. 8mm 1 PC 3711-000177 CX001 READER-BOARD TO CABLE 1WALL, 2P/3F, 1R, 7, 92mm, STRA1GHT, SN, RED 1 PC 3711-000203 CX030 READER-BOARD TO CABLE 1WALL, 2P/3F, 1R, 7, 92mm, STRA1GHT, SN, RED 1 PC 3711-000203 CX030 READER-BOARD TO CABLE BVALL, 2P/3F, 1R, 7, 92mm, STRA1GHT, SN, RED 1 PC 3711-003404 CX150 READER-BOARD TO CABLE BOX, 20P, 2R, 2MM, ANGLE, SN, BLK 1 PC 3711-003404 CX150 READER-BOARD TO CABLE BOX, 20P, 2R, 2MM, ANGLE, SN, BLU 1 PC 3711-004019 CX001 READER-BOARD TO CABLE BOX, 20P, 2R, 2.0 mm, STRA1GHT, SN, BLV 1 PC 3711-004019 CX001 CONNECTOR-HEADER BVALL, 2P/3F, 1R, 7, 92mm, STRA1GHT, SN, BLV 1 PC 3711-004019 CX001 CX001 READER-BOARD TO CABLE BOX, 20P, 2R, 2.0 mm, STRA1GHT, SN, BLV 1 PC 3711-004019 CX001 CX0						
2401-004929						
3501-001154 RY001 RELAY-MINIATURE 12Y, 200mW, 3000mA, 1FormA, 10ms, 10ms 1 PC						
3501-001154 RY030 RELAY-MINIATURE 12Y, 200mW, 3000mA, 1FormA, 10ms, 10ms 1 PC						
1 PC 1801-001288 PV002 RELAY-POWER 12Y, 0.9W, 25000mA, 1FormA, 20ms, 10ms 1 PC 2601-001652 P001 FUSE-AXIAL LEAD 250Y, 30A, TIME-LAG, CERAMIC, 6, 35x31. 8mm 1 PC 2711-000203 CN303 HEADER-BOARD TO CABLE IWALL, 2P, IR, 3. 96MM, STRAIGHT, SN, WHT, 11, 82x8. 6x9. 4 1 PC 2711-000203 CN303 HEADER-BOARD TO CABLE IWALL, 2P, IR, 3. 96MM, STRAIGHT, SN, WHT, 11, 82x8. 6x9. 4 1 PC 2711-000201 CN201 HEADER-BOARD TO CABLE BOX, 20P, 2R, 2M, ANGLE, SN, BLK 1 PC 2711-003404 CN150 HEADER-BOARD TO CABLE BOX, 20P, 2R, 2M, ANGLE, SN, BLK 1 PC 2711-003404 CN150 HEADER-BOARD TO CABLE BOX, 20P, 2R, 2L, 0mm, STRAIGHT, SN, BLK, 5. 0X22. 0X6. 6mm 1 PC 2711-003404 CN150 HEADER-BOARD TO CABLE BOX, 20P, 2R, 2L, 0mm, STRAIGHT, SN, BLK 1 PC 2711-003404 CN150 HEADER-BOARD TO CABLE BOX, 8P, IR, 2mm, ANGLE, SN, BLK 1 PC 2711-003404 CN150 HEADER-BOARD TO CABLE BOX, 8P, IR, 2mm, ANGLE, SN, BLK 1 PC 2711-003404 CN050 CONNECTOR-HEADER BOX, 8P, IR, 2mm, ANGLE, SN, WHT 1 PC 2711-003407 CN002 HEADER-BOARD TO BOARD WALL, 6P, IR, 2, 96mm, ANGLE, SN, WHT 1 PC 2712-00147 CN003 CONNECTOR-HEADER BOX, 8P, IR, 2mm, STRAIGHT, SN, WHT 1 PC 2712-00149 CN003 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 3						
3601-001652 7001						
3711-000177						
ST11-000203 CN300						
3711-000760 CN551						
3711-002001 CN201 HEADER-BOARD TO CABLE BOX, 20P, 2R, 2. 0mm, STRAIGHT, SN, BLK, 5. 0X22. 0X6. 6mm 1 PC 3711-003404 CN150 HEADER-BOARD TO CABLE WALL, 2P, 1R, 7. 92mm, STRAIGHT, SN, BLU 1 PC 3711-003404 CN251 HEADER-BOARD TO CABLE BOX, 5P, 1R, 2mm, ANGLE, SN, WHT 1 PC 3711-004019 CN901 CONNECTOR-HEADER WALL, 6P, 1R, 3. 96mm, ANGLE, SN, WHT 1 PC 3711-006337 CN701 CONNECTOR-HEADER BOX, 5P, 1R, 2mm, ANGLE, SN, WHT 1 PC 3711-006337 CN701 CONNECTOR-HEADER BOX, 5P, 1R, 2m, ANGLE, SN, WHT 1 PC 3712-001047 CN003 CONNECTOR-HEADER BOX, 5P, 1R, 2. 5mm, ANGLE, SN, WHT 1 PC 3712-001047 CN003 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN001 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN051 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN062 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN003 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 4719-002485 TC011 CNNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 4719-002486 TC051 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002485 TC051 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002486 TC051 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002486 TC051 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002486 TC051 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002486 TC051 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC						
3711-003846 CN251						
3711-004019 CN901 CONNECTOR-HEADER 1WALL, 6P, 1R, 3. 96mm, ANGLE, SN, WHT 1 PC 3711-006337 CN701 CONNECTOR-HEADER BOX, 5P, 1R, 2. 5mm, ANGLE, SN, RED 1 PC 3712-001047 CN003 CONNECTOR-TERMINAL TAB, MALE, N. 0. 5/4. 75mm 1 PC 3712-001139 CN001 CONNECTOR-TERMINAL TAB, MALE, N. 0. 5/4. 75mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, N. 0. 5/4. 75mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, O. 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, O. 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, O. 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, O. 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, O. 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, O. 35x0. 8mm 1 PC 3712-001139 CN001 CONNECTOR-TERMINAL TAB, MALE, O. 35x0. 8mm 1 PC 3712-001139 CN001 CONNECTOR-TERMINAL TAB, MALE, O. 35x0. 8mm 1 PC 4719-002485 CN014 POWER MODILLE GOOV, 30A, DIP, FSB830CH60C, 27, IPM 1 PC 4719-002486 IC051 POWER MODILLE GOOV, 30A, DIP, FSB830CH60C, 27, IPM 1 PC DB27-00090A L301 COIL CHOKE 12mH, 20A 1 PC DB27-00090A L301 COIL CHOKE 12mH, 20A 1 PC DB27-00090A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WIT, 5, L15, PC BARTS 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WIT, 5, L15, PC BARTS 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WIT, 5, L15, PC BARTS 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WIT, 5, L15, PC BARTS 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WIT, 5, L15, P	3711-003404	CN150	HEADER-BOARD TO CABLE	1WALL, 2P, 1R, 7. 92mm, STRAIGHT, SN, BLU	1	PC
3711-006337 CN701 CONNECTOR-HEADER BOX, 5P, 1R, 2. 5mm, ANGLE, SN, RED 1 PC 3711-007817 CN202 HEADER-BOARD TO BOARD SWALL, 7P, 1R, 2mm, STRAIGHT, SN, WHT 1 PC 3712-001047 CN003 CONNECTOR-TERMINAL TAB, MALE, N, 0. 5/4. 75mm 1 PC 3712-001139 CN001 CONNECTOR-TERMINAL TAB, MALE, N, 0. 5/4. 75mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN051 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN401 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN402 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN402 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN402 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 4719-002485 TC401 POWER MODILE 600V, 30A, DIP, FSBB3OCH6OC, 27, IPM 1 PC 4719-002485 TC401 POWER MODILE 600V, 30A, DIP, FSBB3OCH6OC, 27, IPM 1 PC 4719-002486 TC051 POWER MODILE 600V, 30A, DIP, FSBB3OCH6OC, 27, IPM 1 PC 4719-002486 TC051 POWER MODILE 600V, 30A, DIP, FSBB3OCH6OC, 27, IPM 1 PC DB27-00090A L301 COIL CHOKE 12mH, 20A 1 PC DB61-05296A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, B	3711-003846	CN251	HEADER-BOARD TO CABLE	BOX, 8P, 1R, 2mm, ANGLE, SN, WHT	1	PC
3711-007817 CN202	3711-004019	CN901	CONNECTOR-HEADER	1WALL, 6P, 1R, 3. 96mm, ANGLE, SN, WHT		
3712-001047 CN003 CONNECTOR-TERMINAL TAB, MALE, N, 0.5/4.75mm 1 PC 3712-001139 CN001 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN051 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN0401 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN0402 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN0403 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN0403 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN0403 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 4719-002485 TC401 POWER MODULE 600V, 30A, DIP, FSB830CH60C, 27, IPM 1 PC 4719-002486 TC401 POWER MODULE 600V, 30A, DIP, FSB830CH60C, 27, IPM 1 PC 4719-002486 TC401 POWER MODULE 600V, 30A, DIP, FSB830CH60C, 27, IPM 1 PC DB27-00090A L301 COIL CH0KE 12mH, 20A 12mH, 20A 1 PC DB27-00090A L301 COIL CH0KE 31uH, 13*15 1 PC DB61-05296A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5, 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5, 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5, 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5, 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WI. 5, L15, PCB PARTS 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WI. 5, L15, PCB PARTS 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WI. 5, L15, PCB PARTS 1 PC DB68-04316A IC154 ASSY HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC DB6				BOX, 5P, 1R, 2.5mm, ANGLE, SN, RED		
3712-001139 CN001 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0, 8mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0, 8mm 1 PC 3712-001139 CN051 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0, 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0, 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0, 8mm 1 PC 3712-001139 CN401 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0, 8mm 1 PC 3712-001139 CN402 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0, 8mm 1 PC 3712-001139 CN403 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0, 8mm 1 PC 4719-002485 IC401 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002485 IC401 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002486 IC051 POWER MODULE 600V, 30A, DIP, FPAB30BH60B, 27, PFCM 1 PC DB27-00078A FT001 COIL CHOKE 12mH, 20A						
3712-001139						
3712-001139 CN051 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN401 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN402 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN402 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN403 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 4719-002485 IC401 POWER MODULE G00V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002486 IC051 POWER MODULE G00V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC PC DB27-00078A F7001 COIL CHOKE 12mH, 20A 1 PC DB27-00090A L301 COIL CHOKE 31uH, 13*15 1 PC DB27-00990A L301 COIL CHOKE 31uH, 13*15 1 PC DB61-05296A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC DB68-05458A O1 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC DB68-05458A O1 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC DB68-05458A D1 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC DB68-05458A D1 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC DB68-05458A D1 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC DB68-05458A D1 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC DB68-05458A D1 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC						
3712-001139						
3712-001139						
3712-001139 CN402 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN403 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 4719-002485 IC401 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002486 IC051 POWER MODULE 600V, 30A, DIP, FPAB30BH60B, 27, PFCM 1 PC BB27-00078A FT001 COIL CHOKE 12mH, 20A 1 PC BB27-0090A L301 COIL CHOKE 31uH, 13*15 1 PC DB61-05296A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C001-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC						
3712-001139 CN403 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm				, , ,		
4719-002485 IC401 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002486 IC051 POWER MODULE 600V, 30A, DIP, FPAB30BH60B, 27, PFCM 1 PC DB27-00078A FT001 COIL CHOKE 12mH, 20A 1 PC DB27-00090A L301 COIL CHOKE 31uH, 13*15 1 PC DB61-05296A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C001-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM900H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-0						
4719-002486 IC051 POWER MODULE 600V, 30A, DIP, FPAB30BH60B, 27, PFCM 1 PC DB27-00078A FT001 COIL CHOKE 12mH, 20A 1 PC DB27-00090A L301 COIL CHOKE 31uH, 13*15 1 PC DB61-05296A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C001-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 6002-00630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH						
DB27-00078A FT001 COIL CHOKE 12mH, 20A 1 PC DB27-00090A L301 COIL CHOKE 31uH, 13*15 1 PC DB61-05296A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C001-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 1203-002560 - IC-POSI. FIXED REG. NJM7805, T0-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC DB62-04148B HEAT SINK A6063, 11mm, 15mm, 20mm </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
DB27-0090A L301 COIL CHOKE 31uH, 13*15 1 PC DB61-05296A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C001-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-04148B DB4-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC DB62-04148B						
DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C001-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 1203-002560 - IC-POSI. FIXED REG. NJM7805, T0-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC 6002-00630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB94-04316A IC155 ASSY HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 -					1	PC
DB67-00942A C001-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 1203-002560 - IC-POSI. FIXED REG. NJM7805, TO-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, TO-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B <td< td=""><td>DB61-05296A</td><td>SUPPORT-IPM</td><td>SUPPORT-IC</td><td>AFX-HD233A, PA66, FR50, BLACK</td><td></td><td></td></td<>	DB61-05296A	SUPPORT-IPM	SUPPORT-IC	AFX-HD233A, PA66, FR50, BLACK		
DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 1203-002560 - IC-POSI. FIXED REG. NJM7805, T0-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB94-04316A IC155 ASSY HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, T0-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC	DB61-05296A	SUPPORT-PFCM				
DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 1203-002560 - IC-POSI. FIXED REG. NJM7805, TO-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, TO-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC						
DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 1203-002560 - IC-POSI. FIXED REG. NJM7805, TO-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, TO-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC						
DB68-05458A 001 LABEL BAR CODE AM9000H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 1203-002560 - IC-POSI. FIXED REG. NJM7805, TO-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, TO-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC						
DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 1203-002560 - IC-POSI. FIXED REG. NJM7805, TO-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, TO-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC						
1203-002560 - IC-POSI. FIXED REG. NJM7805, TO-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, TO-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC						
6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, TO-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC		10154				
DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, T0-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC		CCDEW_TADDING				
DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, TO-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC						
1203-000242 - IC-POSI. FIXED REG. 7812, TO-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC						
6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC		-				
DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC		SCREW-TAPPING				
		_			1	PC

2202 005240	COE 4	C CEB CHID	100-E 100 FOV Y7D TD 1600	1	DC
2203-005249 2203-005249		C-CER, CHIP C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608 100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, 1F, 1608		PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, 1F, 1608		PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249	C431	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249	C509	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249	C511	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249	C514	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249	C520	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249	C525	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249	C526	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249	C527	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249	C541	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249	C701	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249	C702	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249	C703	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249	C903	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T		PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T		PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T		PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T		PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1	PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	<u>l</u>	PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1	PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1	PC
2203-006158		C-CER, CHIP	100nF, 10%, 16V, X7R, TP, 1005, 0. 5T	1	PC
2203-006348		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1608, 0. 8T		PC PC
2203-006348 2203-006460		C-CER, CHIP C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1608, 0. 8T 2200nF, 10%, 16V, X5R, TP, 1608, -		PC PC
2203-000460		C-CER, CHIP	1000nF, 10%, 16V, X5R, TP, 1008, – 1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T		PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	1	PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	1	PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T		PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T		PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T	-	PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T		PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, 11, 1005 (1106), 0. 5T		PC
2203-007456		C-CER, CHIP	1000nF, 10%, 25V, X5R, TP, 1005 (1106), 0. 5T		PC
2402-001144		C-AL, SMD	68uF, 20%, 25V, LZ, TP, 6. 3*5. 8mm		PC
2402-001144		C-AL, SMD	68uF, 20%, 25V, LZ, TP, 6. 3*5. 8mm		PC
2402-001144		C-AL, SMD	68uF, 20%, 25V, LZ, TP, 6. 3*5. 8mm		PC
2402-001183		C-AL, SMD	22UF, 20%, 16V, WT, TP, 5. 3X5. 3X6MM		PC
2402-001268		C-AL, SMD	100uF, 20%, 25V, WT, TP, 8x6. 3mm		PC
2402-001268		C-AL, SMD	100uF, 20%, 25V, WT, TP, 8x6. 3mm		PC
2402-001268		C-AL, SMD	100uF, 20%, 25V, WT, TP, 8x6. 3mm	1	PC
2402-001268	CE402	C-AL, SMD	100uF, 20%, 25V, WT, TP, 8x6. 3mm	1	PC
2802-001165	X201	RESONATOR-CERAMIC	4MHz, 0.5%, TP, 4.5x2.0x1.15mm	1	PC
	X501	RESONATOR-CERAMIC	8MHz, 0.5%, TP, 3.2x1.3x0.9 mm		PC
	PCB MAIN	PCB INVERTER	FR-4, 2Layer, 197*242, PF#3, OUTDOOR, 20z, 197*242		PC
DB91-01726A	IC501	ASSY MICOM	16S_PF2_PF3, STM-1514-OA, HART-i910, 64LQFP, ROM 64KB	1	PC
0903-001843	_	IC-MICROCONTROLLER	HART-1910, LQFP, 64P, 12x12mm, 8MHz, 5V, 600mW, - 40to+85C, 12KB, 64KB, Inverter SOC		PC
DB98-31449A	_	ASSY-LABEL MICOM	QFP, 64P, WHT, 9*9	1	PC
DB91-01736A	IC201	ASSY MICOM	15_RAC_A3050_HP_OUT, STM-1525-OA, S3FM02G, 128TQFP, ROM 384KB	1	PC
DB09-00596A		IC MICOM	S3FM02G, 128P, DC3V, TQFP, -40~+85, 384K	1	PC
DB98-31449A	001	ASSY-LABEL MICOM	QFP, 64P, WHT, 9*9	1	PC
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2007-000939		R-CHIP	47Kohm, 1%, 1/10W, TP, 1608		PC
2007-000939		R-CHIP	47Kohm, 1%, 1/10W, TP, 1608		PC
2007-000939		R-CHIP	47Kohm, 1%, 1/10W, TP, 1608		PC
2007-000939	R434	R-CHIP	47Kohm, 1%, 1/10W, TP, 1608		PC
2007-000939	R435	R-CHIP	47Kohm, 1%, 1/10W, TP, 1608		PC
2007-000939	R438	R-CHIP	47Kohm, 1%, 1/10W, TP, 1608		PC
2007-000939	R439	R-CHIP	47Kohm, 1%, 1/10W, TP, 1608		PC
2007-000939	R442	R-CHIP	47Kohm, 1%, 1/10W, TP, 1608	1	PC
2007-001071	R902	R-CHIP	6.8Kohm, 5%, 1/8W, TP, 2012		PC
2007-001175	R053	R-CHIP	8. 2Kohm, 1%, 1/10W, TP, 1608	1	PC
2007-001175	R055	R-CHIP	8. 2Kohm, 1%, 1/10W, TP, 1608	1	PC
2007-001175	R541	R-CHIP	8. 2Kohm, 1%, 1/10W, TP, 1608	1	PC
2007-008261	R056	R-CHIP	150Kohm, 1%, 1/2W, TP, 5025	1	PC
2007-008261	R057	R-CHIP	150Kohm, 1%, 1/2W, TP, 5025	1	PC
2007-008261	R058	R-CHIP	150Kohm, 1%, 1/2W, TP, 5025	1	PC
2007-010245	R063	R-CHIP	0.01ohm, 1%, 2W, TP, 6432	1	PC
2007-010245	R064	R-CHIP	0.01ohm, 1%, 2W, TP, 6432	1	PC
2007-010245	R065	R-CHIP	0.01ohm, 1%, 2W, TP, 6432	1	PC
2203-000236	C052	C-CER, CHIP	0. 1nF, 5%, 50V, C0G, TP, 1608	1	PC
2203-000257	C222	C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-000257		C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608		
2203-000257		C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608		PC
2203-000257	C225	C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608		PC
2203-000257	C301	C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608		PC
2203-000257	C351	C-CER, CHIP	10nF, 10%, 50V, X7R, TP, 1608		PC
2203-000257	C352	C-CER, CHIP	10nF, 10%, 50V, X7R, 11, 1008		PC
2203-000231		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		PC
2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		PC
2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, 1F, 1608		PC
2203-000440		C-CER, CHIP			PC
		,	1nF, 10%, 50V, X7R, TP, 1608		PC PC
2203-000440 2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		PC PC
		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		PC
2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		
2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		PC
2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		PC
2203-000440	C504	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		PC
2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		PC
2203-000440	C506	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		PC
2203-000440	C507	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		PC
2203-000440	C508	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		PC
	C510	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		PC
2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		PC
2203-000440	C523	C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		PC
2203-000440		C-CER, CHIP	1nF, 10%, 50V, X7R, TP, 1608		PC
2203-001634	C406	C-CER, CHIP	33nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-002002	C432	C-CER, CHIP	0. 033nF, 5%, 50V, NP0, TP, 1608	1	PC
2203-002002	C433	C-CER, CHIP	0. 033nF, 5%, 50V, NP0, TP, 1608		PC
2203-002002	C434	C-CER, CHIP	0. 033nF, 5%, 50V, NP0, TP, 1608	1	PC
2203-002002	C515	C-CER, CHIP	0. 033nF, 5%, 50V, NP0, TP, 1608	1	PC
2203-002002	C516	C-CER, CHIP	0. 033nF, 5%, 50V, NP0, TP, 1608	1	PC
2203-002002	C517	C-CER, CHIP	0. 033nF, 5%, 50V, NP0, TP, 1608	1	PC
2203-002002	C518	C-CER, CHIP	0. 033nF, 5%, 50V, NP0, TP, 1608	1	PC
2203-002002		C-CER, CHIP	0. 033nF, 5%, 50V, NP0, TP, 1608	1	PC
2203-002180		C-CER, CHIP	1000nF, 10%, 50V, X7R, TP, 3216		PC
2203-002398		C-CER, CHIP	22nF, 10%, 50V, X7R, TP, 1608	1	PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, 1F, 1608		PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, 1F, 1608		PC PC
					PC PC
2203-005249 2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		PC PC
		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		PC PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		PC PC
2203-005249		C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608		
2203-005249	C253	C-CER, CHIP	100nF, 10%, 50V, X7R, TP, 1608	1	PC

2007-000084	R534	R-CHIP	4.7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084	R535	R-CHIP	4.7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084	R536	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000084	R903	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000090	R203	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000090	R204	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000090	R206	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000090	R301	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000090	R302	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
	R304	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
	R305	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
	R445	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000090		R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
	R528	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
	R532	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
	R533	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000090	R551	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000090	R552	R-CHIP	10Kohm, 5%, 1/10W, 11, 1008	1 PC
	R553	R-CHIP	10Kohn, 5%, 1/10W, TP, 1608	1 PC 1 PC
2007-000090	R554	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	_
	R555	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
	R559	R-CHIP	10Kohm, 5%, 1/10W, TP, 1608	1 PC
	R565	R-CHIP	10Kohn, 5%, 1/10W, TP, 1608	1 PC
2007-000109		R-CHIP	1Mohm, 5%, 1/10W, TP, 1608	1 PC
2007-000116		R-CHIP	120ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000124	R564	R-CHIP	2. 2Kohm, 5%, 1/10W, TP, 1608	1 PC
2007-000140		R-CHIP	1Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000140		R-CHIP	1Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143		R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143		R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143	R223	R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143	R224	R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143	R225	R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143	R226	R-CHIP	4. 7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000143	R229	R-CHIP	4.7Kohm, 5%, 1/16W, TP, 1005	1 PC
2007-000170	R201	R-CHIP	1Mohm, 5%, 1/16W, TP, 1005	1 PC
2007-000239	R443	R-CHIP	1.5Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000300	R901	R-CHIP	10Kohm, 5%, 1/8W, TP, 2012	1 PC
2007-000385	R062	R-CHIP	14. 3Kohm, 1%, 1/4W, TP, 3216	1 PC
2007-000385	R105	R-CHIP	14. 3Kohm, 1%, 1/4W, TP, 3216	1 PC
2007-000455	R073	R-CHIP	18Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000455	R251	R-CHIP	18Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000455		R-CHIP	18Kohm, 1%, 1/10W, TP, 1608	1 PC
	R072	R-CHIP	2. 2Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000491		R-CHIP	2. 2Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000491		R-CHIP		1 PC
2007-000491		R-CHIP		1 PC
2007-000536		R-CHIP		1 PC
2007-000537		R-CHIP	200ohm, 1%, 1/4W, TP, 3216	1 PC
2007-000537		R-CHIP		1 PC
2007-000537		R-CHIP	200ohm, 1%, 1/4W, TP, 3216	1 PC
2007-000537		R-CHIP	200ohm, 1%, 1/4w, TP, 3216 200ohm, 1%, 1/4W, TP, 3216	1 PC
2007-000537		R-CHIP	200ohm, 1%, 1/4W, TP, 3216 200ohm, 1%, 1/4W, TP, 3216	1 PC
2007-000537		R-CHIP		1 PC
			24Kohm, 1%, 1/10W, TP, 1608	_
2007-000614		R-CHIP	= 11101111, 170, 17 10 10 11 1 10 00	1 PC
2007-000869		R-CHIP		1 PC
2007-000869		R-CHIP	11 11101111, 170, 17 10 10 11 1 10 00	1 PC
2007-000869		R-CHIP	4. 7Kohm, 1%, 1/10W, TP, 1608	1 PC
	R437	R-CHIP	4. 7Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000869		R-CHIP	4. 7Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000869		R-CHIP	4. 7Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000872		R-CHIP	4. 7Kohm, 5%, 1/8W, TP, 2012	1 PC
2007-000872		R-CHIP		1 PC
2007-000872		R-CHIP	, , , , , ,	1 PC
2007-000924	R059	R-CHIP	7 7 7 7	1 PC
			450V 1 40V 4 / 4W 5D 0040	1 PC
2007-000924		R-CHIP	470Kohm, 1%, 1/4W, TP, 3216	
		R-CHIP R-CHIP	470Kohm, 1%, 1/4W, 1P, 3216 470Kohm, 1%, 1/4W, TP, 3216	1 PC
2007-000924	R061		470Kohm, 1%, 1/4W, TP, 3216	
2007-000924 2007-000924	R061 R106	R-CHIP	470Kohm, 1%, 1/4W, TP, 3216 470Kohm, 1%, 1/4W, TP, 3216	1 PC

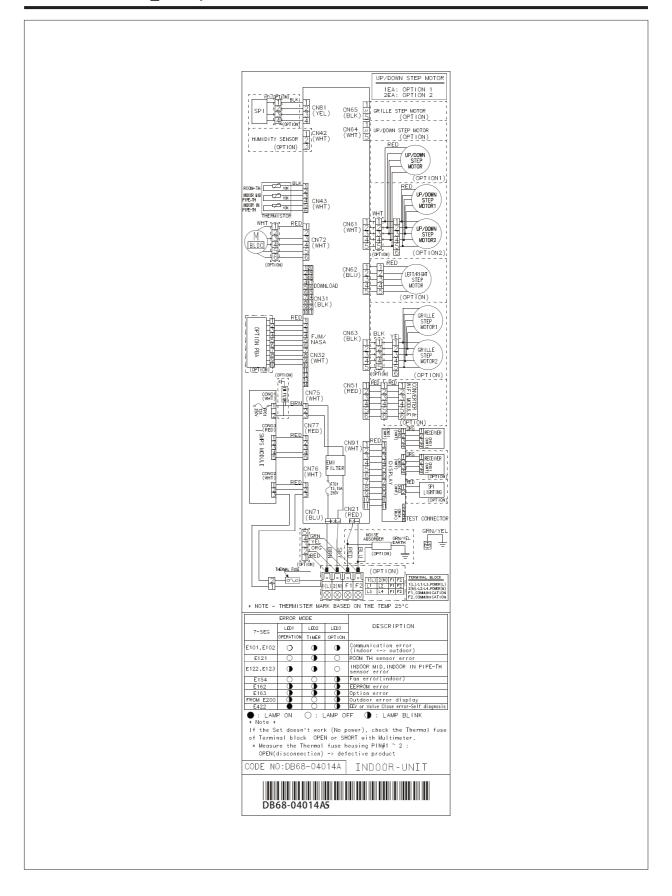
2007-000074	R052	R-CHIP	100ohm, 5%, 1/10W, TP, 1608	1	PC
	R152	R-CHIP	100ohm, 5%, 1/10W, TP, 1608	1 1	PC
2007-000074		R-CHIP	100ohm, 5%, 1/10W, TP, 1608		PC
2007-000074		R-CHIP	100ohm, 5%, 1/10W, TP, 1608		PC
2007-000074	R227	R-CHIP	100ohm, 5%, 1/10W, TP, 1608		PC
2007-000074		R-CHIP	100ohm, 5%, 1/10W, TP, 1608		PC
2007-000074	R401	R-CHIP	100ohm, 5%, 1/10W, TP, 1608		PC
2007-000074	R402	R-CHIP	100ohm, 5%, 1/10W, TP, 1608	1	PC
2007-000074	R403	R-CHIP	100ohm, 5%, 1/10W, TP, 1608	1	PC
2007-000074	R405	R-CHIP	100ohm, 5%, 1/10W, TP, 1608	1	PC
2007-000074	R406	R-CHIP	100ohm, 5%, 1/10W, TP, 1608	1	PC
2007-000074		R-CHIP	100ohm, 5%, 1/10W, TP, 1608		PC
2007-000074		R-CHIP			PC
			100ohm, 5%, 1/10W, TP, 1608		
2007-000074		R-CHIP	100ohm, 5%, 1/10W, TP, 1608		PC
	R519	R-CHIP	100ohm, 5%, 1/10W, TP, 1608		PC
2007-000074	R562	R-CHIP	100ohm, 5%, 1/10W, TP, 1608	1	PC
2007-000076	R153	R-CHIP	330ohm, 5%, 1/10W, TP, 1608	1	PC
2007-000076	R255	R-CHIP	330ohm, 5%, 1/10W, TP, 1608	1	PC
2007-000076	R256	R-CHIP	330ohm, 5%, 1/10W, TP, 1608	1	PC
2007-000076		R-CHIP	330ohm, 5%, 1/10W, TP, 1608		PC
2007-000076	R258	R-CHIP	330ohm, 5%, 1/10W, TP, 1608		PC
			, , , , , , , , , , , , , , , , , , ,	1 1	
2007-000076		R-CHIP	330ohm, 5%, 1/10W, TP, 1608		
2007-000076		R-CHIP	330ohm, 5%, 1/10W, TP, 1608	1	
2007-000076		R-CHIP	330ohm, 5%, 1/10W, TP, 1608		PC
2007-000076	R904	R-CHIP	330ohm, 5%, 1/10W, TP, 1608		PC
2007-000078	R303	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1	PC
2007-000078	R307	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1	PC
2007-000078	R308	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1	PC
2007-000078		R-CHIP	1Kohm, 5%, 1/10W, TP, 1608		PC
2007-000078		R-CHIP	1Kohm, 5%, 1/10W, TP, 1608		PC
					PC
2007-000078	R503	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608		
2007-000078		R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1	
	R505	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608		PC
2007-000078	R508	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1	PC
2007-000078	R509	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1	PC
2007-000078	R515	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1	PC
2007-000078	R529	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1	PC
2007-000078	R530	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1	PC
2007-000078	R556	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1	PC
	R557	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608	1	
2007-000078	R558	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608		PC
					PC
2007-000078	R560	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608		
2007-000078	R563	R-CHIP	1Kohm, 5%, 1/10W, TP, 1608		PC
2007-000080	R522	R-CHIP	2Kohm, 5%, 1/10W, TP, 1608		PC
2007-000082		R-CHIP	3. 3Kohm, 5%, 1/10W, TP, 1608	1	
2007-000084	R207	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1	PC
2007-000084	R211	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1	PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1	PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608		PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608		PC
	R216		4. 7Kohm, 5%, 1/10W, 1F, 1008 4. 7Kohm, 5%, 1/10W, TP, 1608		PC
2007-000084		R-CHIP			
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608		PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608		PC
	R219	R-CHIP	4.7Kohm, 5%, 1/10W, TP, 1608	1	
	R220	R-CHIP	4.7Kohm, 5%, 1/10W, TP, 1608	1	PC
2007-000084	R404	R-CHIP	4.7Kohm, 5%, 1/10W, TP, 1608	1	PC
2007-000084	R501	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1	PC
2007-000084	R506	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608		PC
	R507	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1	
	R510	R-CHIP	4. 7Kohm, 5%, 1/10%, 11, 1008 4. 7Kohm, 5%, 1/10%, TP, 1608		PC
	R511	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608		PC
	R517	R-CHIP	4. 7Kohn, 5%, 1/10W, TP, 1608		PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608		PC
2007-000084	R520	R-CHIP	4.7Kohm, 5%, 1/10W, TP, 1608	1	
2007-000084	R521	R-CHIP	4.7Kohm, 5%, 1/10W, TP, 1608	1	PC
2007-000084	R523	R-CHIP	4.7Kohm, 5%, 1/10W, TP, 1608	1	PC
2007-000084	R524	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608		PC
2007-000084		R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608		PC
2007-000084	R526	R-CHIP	4. 7Kohm, 5%, 1/10%, 11, 1008		PC
					PC
2007-000084	R527	R-CHIP	4. 7Kohm, 5%, 1/10W, TP, 1608	1 .	r C

0504-001044	0151	TR-DIGITAL	KRA226M, PNP, 400MW, 2. 2K/10K, TO-92M, TP	1 PC
2201-002427		C-CERAMIC, DISC	2. 2nF, 10%, 2000V, Y5P, TP, 12. 5x5mm, 7. 5mm	1 PC
2401-000303	CE162	C-AL	100uF, 20%, 25V, WT, TP, 6. 3x11mm, 5mm	1 PC
2401-000303	CE163	C-AL	100uF, 20%, 25V, WT, TP, 6. 3x11mm, 5mm	1 PC
2401-000481	CE431	C-AL	10uF, 20%, 50V, WT, TP, 5x11, 5	1 PC
2401-001838	CE151	C-AL	470uF, 20%, 25V, WT, TP, 10x16, 5mm	1 PC
2401-001838		C-AL	470uF, 20%, 25V, WT, TP, 10x16, 5mm	1 PC
2401-002438		C-AL	47uF, 20%, 50V, WT, TP, 6. 3x11, 5mm	1 PC
2401-003224		C-AL	470uF, 20%, 16V, WT, TP, 8X11. 5, 5mm	1 PC
2401-003585		C-AL	220uF, 20%, 35V, WT, TP, 8x11. 5mm, 5	1 PC
3711-000015		HEADER-BOARD TO CABLE	BOX, 2P, 1R, 2. 5mm, STRAIGHT, SN, WHT, 5. 8X7. 4X7. 0mm	1 PC
3711-000024		HEADER-BOARD TO CABLE	BOX, 3P, 1R, 2. 5MM, STRAIGHT, SN, WHT	1 PC
3711-000879		HEADER-BOARD TO CABLE	BOX, 3P, 1R, 2. 5mm, STRAIGHT, SN, BLU	1 PC 1 PC
3711-000880 3711-000999		HEADER BOARD TO CABLE	BOX, 3P, 1R, 2. 5MM, STRAIGHT, SN, RED	1 PC
4715-001093		HEADER-BOARD TO CABLE SURGE ABSORBER	BOX, 5P, 1R, 2. 5mm, STRAIGHT, SN, WHT 3600V, 20%, 2000A, -, AXIAL	1 PC
DB94-05909A	_ _	ASSY PCB SMD	OUTDOOR, A3050, 197*242, PF#3, DB92-02867N	1 PC
	SOLDER-CREAM	SOLDER-CREAM	LFM-48W TM-HP, D20~38um, 96. 5Sn/3Ag/0. 5Cu, FLUX 12%	1 G
0401-001099		DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099		DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
	D030	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099		DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099		DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099	D241	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099	D431	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099	D501	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099		DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099		DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099		DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
	D505	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
	D506	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
	D904	DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0401-001099		DIODE-SWITCHING	1N4148WS, 75V, 150mA, SOD-323, TP	1 PC
0402-001795		DIODE-RECTIFIER	US1M, 1000V, 1A, SMA, TP	1 PC
0403-001499		DIODE-ZENER	MMSZ5252B, 22. 8/25. 2V, 500mW, SOD-123, TP	1 PC 1 PC
0403-001499 0404-001020		DIODE-ZENER DIODE-SCHOTTKY	MMSZ5252B, 22. 8/25. 2V, 500mW, SOD-123, TP BAT54C, 30V, 200mA, SOT-23, TP	1 PC
0404-001020		DIODE-SCHOTTKY	BAT54C, 30V, 200mA, SOT-23, TP	1 PC
0404-001020		DIODE-SCHOTTKY	BAT54C, 30V, 200mA, S0T 23, 11 BAT54C, 30V, 200mA, S0T-23, TP	1 PC
0406-001204		DIODE-TVS	SMBJ5. 0CA, 6. 4/-/7. 25V, 600W, SMB	1 PC
0406-001204		DIODE-TVS	SMBJ5. 0CA, 6. 4/-/7. 25V, 600W, SMB	1 PC
0406-001204		DIODE-TVS	SMBJ5. 0CA, 6. 4/-/7. 25V, 600W, SMB	1 PC
0501-000465		TR-SMALL SIGNAL	MMBT3904, NPN, 350mW, SOT-23, TP, 30-300	1 PC
0504-001008		TR-DIGITAL	RN2427, PNP, 200mW, 2.2K/10Kohm, SOT-23, TP	1 PC
0504-001008	Q352	TR-DIGITAL	RN2427, PNP, 200mW, 2. 2K/10Kohm, SOT-23, TP	1 PC
0504-001008	Q901	TR-DIGITAL	RN2427, PNP, 200mW, 2. 2K/10Kohm, SOT-23, TP	1 PC
0504-001008		TR-DIGITAL	RN2427, PNP, 200mW, 2.2K/10Kohm, SOT-23, TP	1 PC
0504-001080		TR-DIGITAL	KRC246S, NPN, 200mW, 2.2K/10Kohm, SOT-23, TP	1 PC
0506-000175		TR-ARRAY	2003, NPN, 7, 1000mW, SOP-16, ST, 1000	1 PC
0506-000175		TR-ARRAY	2003, NPN, 7, 1000mW, SOP-16, ST, 1000	1 PC
0506-000175		TR-ARRAY	2003, NPN, 7, 1000mW, SOP-16, ST, 1000	1 PC
0601-002423		LED	SMD (REVERSE), RED, 3. 2x1. 6mm, 639nm, 3. 2x1. 6x1. 1mm	1 PC
0601-002955		LED	SMD (REVERSE), YEL, 1. 6x1. 5mm, 588nm, 3. 2x1. 6x1. 1mm	1 PC
0601-002956		LED	SMD (REVERSE), GRN, 1. 6x1. 5mm, 3. 2x1. 6x1. 1mm	1 PC
0601-002956		LED	SMD (REVERSE), GRN, 1. 6x1. 5mm, 3. 2x1. 6x1. 1mm	1 PC
	PC151	PHOTO-COUPLER	TR, 150-300, 200mW, SOP, TP TR, 150-300, 200mW, SOP, TP	1 PC 1 PC
0604-001172	PC351 PC352	PHOTO-COUPLER PHOTO-COUPLER	TR, 150-300, 200mW, SOP, TP TR, 150-300, 200mW, SOP, TP	1 PC
0801-000393		IC-CMOS LOGIC	74HC86, OR GATE, SOP, 14P, 150MIL, QUAD, ST, -	1 PC
	IC301	IC-BUS TRANSCEIVER	, 2. 0/6. 0V, 0. 26V, -40to+85C, 180mW, 4. 2V, 1uA, SO, 8P, 4. 9x3. 8 mm, SINGLE, ST, PLASTIC, 5V, -	1 PC
	IC071	IC-OP AMP	40to+85C, 1, 1, 1.5/5.0V TSSOP, TR, 14P, 5x4.4x1.2mm, 100, 5.5V, -	1 PC
1201-002946		IC-OP AMP	40to+85C, 63dB, 1, 1nA, 1nA, 1. 7mV TSSOP, TR, 14P, 5x4. 4x1. 2mm, 100, 5. 5V, -	1 PC
1203-004967		IC-VOL. DETECTOR	40to+85C, 63dB, 1, 1nA, 1nA, 1. 7mV KIA7042AT, TSM, 3P, 2. 9x1. 6mm, PLASTIC, 4. 2V, 350mW, -	1 PC
			30to+75C, 20mA, -, -	
1404-001544		THERMISTOR-NTC	10K, 3435K, 3. 7mW/C	1 PC 1 PC
2007-000033 2007-000033		R-CHIP R-CHIP	Oohm, 5%, 1/4W, TP, 3216 Oohm, 5%, 1/4W, TP, 3216	1 PC
2007-000033		R-CHIP	0ohm, 5%, 1/4W, TP, 3216	1 PC
2007-000033		R-CHIP	1Kohm, 1%, 1/10W, TP, 1608	1 PC
2007-000070		R-CHIP	0ohm, 5%, 1/10W, TP, 1608	1 PC
2007-000070		R-CHIP	0ohm, 5%, 1/10W, TP, 1608	1 PC

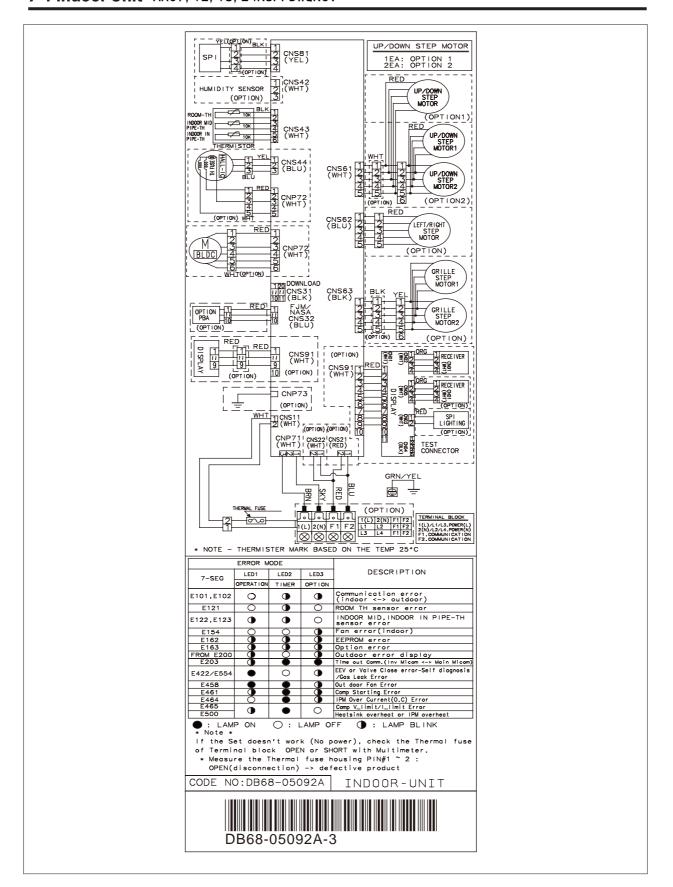
2001-001388 ADRESTUE-SEL ADRESTUE-SEL CDC2577D, YCR08, 1957ES, 1, 0, 12 1, 002-001388 SUDDE-SUDD	Parts Code	Design Loc	Parts Description	Spec.	Quantity	Unit
1902-0-10463 SOLDER-FIEE SOLDER-FIEE 17.98 17.98 17.98 19.09 10.00468 19.00						
02094-00695 FLUX	0202-001338	SOLDER-BAR	SOLDER-BAR	LeeD-free Solder BAR, W20L350H8, 99. 3Sn/0.7Cu/0.01P	0.879	G
\$SQM_PM_PM_PM_PM_PM_PM_PM_PM_PM_PM_PM_PM_PM	0202-001463	SOLDER-WIRE	SOLDER-WIRE	LFC2-W3. 0, D3, 99. 79Sn/0. 2Cu/0. 01P	7. 98	G
1404-00148 PICODI	0204-004665	FLUX	FLUX	KSP-70M-S, MIXTURE, NO, FLUX, 13%	0. 738	G
1405-000154 14002						
1405-001249 VA001						
1405-001239 VAOUT						
1405 001239 VA004						
PC						_
2009-00145 2410 R-METAL PLATE						
2009-90145 8410 R. METAL PLATE 0.005clus, 58, 58, A. BK, 14, 58, 56, 59, 18, 0mm						
2201-00446 0002				· · · · · · · · ·		
2201-000446 0.005						
2201 -000446 0066			· · · · · · · · · · · · · · · · · · ·			
2201-000540 COS6 C-CREMIC, DISC 4, 76F, 20%, 2000V, YSI, 125/mm, 10mm 1 PC	2201-000446	C005	· ·		1	PC
2201-001928 2003	2201-000446	C006	C-CERAMIC, DISC	3. 3nF, 20%, 400V, Y5U, TP, 15x6mm, 10mm	1	PC
2301-001949 C003	2201-000540	C056	C-CERAMIC, DISC	4. 7nF, 20%, 2000V, Y5U, 12x5mm, 10mm	1	PC
2206-000123 C055	2301-001285	C004	C-FILM, LEAD-PPF	680nF, 10%, 275V, BK, 31x11x21mm	1	PC
2306-000123	2301-001949	C003	C-FILM, LEAD	3300nF, 10%, 275V, BK, 31x21x31mm		
2401-004929 CE053				100nF, 5%, 630V, BK, 18x17x10mm		
2401-004929 CRO55						
2401-004929 CROS5 C-AL 3900F, 20%, 400V, BK, 10mm 1 PC 2401-004929 CROS6 C-AL 3900F, 20%, 400V, BK, 10mm 1 PC 3501-001154 RY001 RELAY-MINIATURE 12V, 200m³, 3000m³, 1Form³, 10ms 1 PC 3501-001154 RY003 RELAY-MINIATURE 12V, 200m³, 3000m³, 1Form³, 10ms 1 PC 3501-001652 RY002 RELAY-POWER 12V, 09m, 3000m³, 1Form³, 10ms 1 PC 3601-001652 POOI PUSE-AXIAL LEAD 250V, 30A, TIME-LAG, CREMATIC, 6, 355-31. 8mm 1 PC 3711-000177 CX001 READER-BOARD TO CABLE 1WALL, 2P/3F, 1R, 7, 92mm, STRA1GHT, SN, RED 1 PC 3711-000203 CX030 READER-BOARD TO CABLE 1WALL, 2P/3F, 1R, 7, 92mm, STRA1GHT, SN, RED 1 PC 3711-000203 CX030 READER-BOARD TO CABLE BVALL, 2P/3F, 1R, 7, 92mm, STRA1GHT, SN, RED 1 PC 3711-003404 CX150 READER-BOARD TO CABLE BOX, 20P, 2R, 2MM, ANGLE, SN, BLK 1 PC 3711-003404 CX150 READER-BOARD TO CABLE BOX, 20P, 2R, 2MM, ANGLE, SN, BLU 1 PC 3711-004019 CX001 READER-BOARD TO CABLE BOX, 20P, 2R, 2.0 mm, STRA1GHT, SN, BLV 1 PC 3711-004019 CX001 CONNECTOR-HEADER BVALL, 2P/3F, 1R, 7, 92mm, STRA1GHT, SN, BLV 1 PC 3711-004019 CX001 CX001 READER-BOARD TO CABLE BOX, 20P, 2R, 2.0 mm, STRA1GHT, SN, BLV 1 PC 3711-004019 CX001 CX0						
2401-004929						
3501-001154 RY001 RELAY-MINIATURE 12Y, 200mW, 3000mA, 1FormA, 10ms, 10ms 1 PC						
3501-001154 RY030 RELAY-MINIATURE 12Y, 200mW, 3000mA, 1FormA, 10ms, 10ms 1 PC						
1 PC 1801-001288 PV002 RELAY-POWER 12Y, 0.9W, 25000mA, 1FormA, 20ms, 10ms 1 PC 2601-001652 P001 FUSE-AXIAL LEAD 250Y, 30A, TIME-LAG, CERAMIC, 6, 35x31. 8mm 1 PC 2711-000203 CN303 HEADER-BOARD TO CABLE IWALL, 2P, IR, 3. 96MM, STRAIGHT, SN, WHT, 11, 82x8. 6x9. 4 1 PC 2711-000203 CN303 HEADER-BOARD TO CABLE IWALL, 2P, IR, 3. 96MM, STRAIGHT, SN, WHT, 11, 82x8. 6x9. 4 1 PC 2711-000201 CN201 HEADER-BOARD TO CABLE BOX, 20P, 2R, 2M, ANGLE, SN, BLK 1 PC 2711-003404 CN150 HEADER-BOARD TO CABLE BOX, 20P, 2R, 2M, ANGLE, SN, BLK 1 PC 2711-003404 CN150 HEADER-BOARD TO CABLE BOX, 20P, 2R, 2L, 0mm, STRAIGHT, SN, BLK, 5. 0X22. 0X6. 6mm 1 PC 2711-003404 CN150 HEADER-BOARD TO CABLE BOX, 20P, 2R, 2L, 0mm, STRAIGHT, SN, BLK 1 PC 2711-003404 CN150 HEADER-BOARD TO CABLE BOX, 8P, IR, 2mm, ANGLE, SN, BLK 1 PC 2711-003404 CN150 HEADER-BOARD TO CABLE BOX, 8P, IR, 2mm, ANGLE, SN, BLK 1 PC 2711-003404 CN050 CONNECTOR-HEADER BOX, 8P, IR, 2mm, ANGLE, SN, WHT 1 PC 2711-003407 CN002 HEADER-BOARD TO BOARD WALL, 6P, IR, 2, 96mm, ANGLE, SN, WHT 1 PC 2712-00147 CN003 CONNECTOR-HEADER BOX, 8P, IR, 2mm, STRAIGHT, SN, WHT 1 PC 2712-00149 CN003 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 2712-001139 CN01 CONNECTOR-TERMINAL TAB, MALE, 6, 3						
3601-001652 7001						
3711-000177						
ST11-000203 CN300						
3711-000760 CN551						
3711-002001 CN201 HEADER-BOARD TO CABLE BOX, 20P, 2R, 2. 0mm, STRAIGHT, SN, BLK, 5. 0X22. 0X6. 6mm 1 PC 3711-003404 CN150 HEADER-BOARD TO CABLE WALL, 2P, 1R, 7. 92mm, STRAIGHT, SN, BLU 1 PC 3711-003404 CN251 HEADER-BOARD TO CABLE BOX, 5P, 1R, 2mm, ANGLE, SN, WHT 1 PC 3711-004019 CN901 CONNECTOR-HEADER WALL, 6P, 1R, 3. 96mm, ANGLE, SN, WHT 1 PC 3711-006337 CN701 CONNECTOR-HEADER BOX, 5P, 1R, 2mm, ANGLE, SN, WHT 1 PC 3711-006337 CN701 CONNECTOR-HEADER BOX, 5P, 1R, 2m, ANGLE, SN, WHT 1 PC 3712-001047 CN003 CONNECTOR-HEADER BOX, 5P, 1R, 2. 5mm, ANGLE, SN, WHT 1 PC 3712-001047 CN003 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN001 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN051 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN062 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 3712-001139 CN003 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 4719-002485 TC011 CNNECTOR-TERMINAL TAB, MALE, 6, 35x0. 8mm 1 PC 4719-002486 TC051 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002485 TC051 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002486 TC051 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002486 TC051 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002486 TC051 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002486 TC051 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC						
3711-003846 CN251						
3711-004019 CN901 CONNECTOR-HEADER 1WALL, 6P, 1R, 3. 96mm, ANGLE, SN, WHT 1 PC 3711-006337 CN701 CONNECTOR-HEADER BOX, 5P, 1R, 2. 5mm, ANGLE, SN, RED 1 PC 3712-001047 CN003 CONNECTOR-TERMINAL TAB, MALE, N. 0. 5/4. 75mm 1 PC 3712-001139 CN001 CONNECTOR-TERMINAL TAB, MALE, N. 0. 5/4. 75mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, N. 0. 5/4. 75mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, O. 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, O. 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, O. 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, O. 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, O. 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, O. 35x0. 8mm 1 PC 3712-001139 CN001 CONNECTOR-TERMINAL TAB, MALE, O. 35x0. 8mm 1 PC 3712-001139 CN001 CONNECTOR-TERMINAL TAB, MALE, O. 35x0. 8mm 1 PC 4719-002485 CN014 POWER MODILLE GOOV, 30A, DIP, FSB830CH60C, 27, IPM 1 PC 4719-002486 IC051 POWER MODILLE GOOV, 30A, DIP, FSB830CH60C, 27, IPM 1 PC DB27-00090A L301 COIL CHOKE 12mH, 20A 1 PC DB27-00090A L301 COIL CHOKE 12mH, 20A 1 PC DB27-00090A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WIT, 5, L15, PC BARTS 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WIT, 5, L15, PC BARTS 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WIT, 5, L15, PC BARTS 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WIT, 5, L15, PC BARTS 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WIT, 5, L15, P	3711-003404	CN150	HEADER-BOARD TO CABLE	1WALL, 2P, 1R, 7. 92mm, STRAIGHT, SN, BLU	1	PC
3711-006337 CN701 CONNECTOR-HEADER BOX, 5P, 1R, 2. 5mm, ANGLE, SN, RED 1 PC 3711-007817 CN202 HEADER-BOARD TO BOARD SWALL, 7P, 1R, 2mm, STRAIGHT, SN, WHT 1 PC 3712-001047 CN003 CONNECTOR-TERMINAL TAB, MALE, N, 0. 5/4. 75mm 1 PC 3712-001139 CN001 CONNECTOR-TERMINAL TAB, MALE, N, 0. 5/4. 75mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN051 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN401 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN402 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN402 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN402 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 4719-002485 TC401 POWER MODILE 600V, 30A, DIP, FSBB3OCH6OC, 27, IPM 1 PC 4719-002485 TC401 POWER MODILE 600V, 30A, DIP, FSBB3OCH6OC, 27, IPM 1 PC 4719-002486 TC051 POWER MODILE 600V, 30A, DIP, FSBB3OCH6OC, 27, IPM 1 PC 4719-002486 TC051 POWER MODILE 600V, 30A, DIP, FSBB3OCH6OC, 27, IPM 1 PC DB27-00090A L301 COIL CHOKE 12mH, 20A 1 PC DB61-05296A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, B	3711-003846	CN251	HEADER-BOARD TO CABLE	BOX, 8P, 1R, 2mm, ANGLE, SN, WHT	1	PC
3711-007817 CN202	3711-004019	CN901	CONNECTOR-HEADER	1WALL, 6P, 1R, 3. 96mm, ANGLE, SN, WHT		
3712-001047 CN003 CONNECTOR-TERMINAL TAB, MALE, N, 0.5/4.75mm 1 PC 3712-001139 CN001 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN051 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN0401 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN0402 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN0403 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN0403 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 3712-001139 CN0403 CONNECTOR-TERMINAL TAB, MALE, 6.35x0.8mm 1 PC 4719-002485 TC401 POWER MODULE 600V, 30A, DIP, FSB830CH60C, 27, IPM 1 PC 4719-002486 TC401 POWER MODULE 600V, 30A, DIP, FSB830CH60C, 27, IPM 1 PC 4719-002486 TC401 POWER MODULE 600V, 30A, DIP, FSB830CH60C, 27, IPM 1 PC DB27-00090A L301 COIL CH0KE 12mH, 20A 12mH, 20A 1 PC DB27-00090A L301 COIL CH0KE 31uH, 13*15 1 PC DB61-05296A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5, 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5, 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5, 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5, 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WI. 5, L15, PCB PARTS 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WI. 5, L15, PCB PARTS 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WI. 5, L15, PCB PARTS 1 PC DB68-04316A IC154 ASSY HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC DB6				BOX, 5P, 1R, 2.5mm, ANGLE, SN, RED		
3712-001139 CN001 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0, 8mm 1 PC 3712-001139 CN002 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0, 8mm 1 PC 3712-001139 CN051 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0, 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0, 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0, 8mm 1 PC 3712-001139 CN401 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0, 8mm 1 PC 3712-001139 CN402 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0, 8mm 1 PC 3712-001139 CN403 CONNECTOR-TERMINAL TAB, MALE, 6, 35x0, 8mm 1 PC 4719-002485 IC401 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002485 IC401 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002486 IC051 POWER MODULE 600V, 30A, DIP, FPAB30BH60B, 27, PFCM 1 PC DB27-00078A FT001 COIL CHOKE 12mH, 20A						
3712-001139						
3712-001139 CN051 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN052 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN401 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN402 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN402 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN403 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 4719-002485 IC401 POWER MODULE G00V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002486 IC051 POWER MODULE G00V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC PC DB27-00078A F7001 COIL CHOKE 12mH, 20A 1 PC DB27-00090A L301 COIL CHOKE 31uH, 13*15 1 PC DB27-00990A L301 COIL CHOKE 31uH, 13*15 1 PC DB61-05296A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC DB68-05458A O1 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC DB68-05458A O1 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC DB68-05458A D1 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC DB68-05458A D1 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC DB68-05458A D1 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC DB68-05458A D1 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC DB68-05458A D1 LABEL BAR CODE AM9000H, ART, WIT. 5, L15, PCB PARTS PC						
3712-001139						
3712-001139						
3712-001139 CN402 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 3712-001139 CN403 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm 1 PC 4719-002485 IC401 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002486 IC051 POWER MODULE 600V, 30A, DIP, FPAB30BH60B, 27, PFCM 1 PC BB27-00078A FT001 COIL CHOKE 12mH, 20A 1 PC BB27-0090A L301 COIL CHOKE 31uH, 13*15 1 PC DB61-05296A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C001-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC						
3712-001139 CN403 CONNECTOR-TERMINAL TAB, MALE, 6. 35x0. 8mm				, , ,		
4719-002485 IC401 POWER MODULE 600V, 30A, DIP, FSBB30CH60C, 27, IPM 1 PC 4719-002486 IC051 POWER MODULE 600V, 30A, DIP, FPAB30BH60B, 27, PFCM 1 PC DB27-00078A FT001 COIL CHOKE 12mH, 20A 1 PC DB27-00090A L301 COIL CHOKE 31uH, 13*15 1 PC DB61-05296A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C001-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM900H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-0						
4719-002486 IC051 POWER MODULE 600V, 30A, DIP, FPAB30BH60B, 27, PFCM 1 PC DB27-00078A FT001 COIL CHOKE 12mH, 20A 1 PC DB27-00090A L301 COIL CHOKE 31uH, 13*15 1 PC DB61-05296A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C001-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 6002-00630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH						
DB27-00078A FT001 COIL CHOKE 12mH, 20A 1 PC DB27-00090A L301 COIL CHOKE 31uH, 13*15 1 PC DB61-05296A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C001-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 1203-002560 - IC-POSI. FIXED REG. NJM7805, T0-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC DB62-04148B HEAT SINK A6063, 11mm, 15mm, 20mm </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
DB27-0090A L301 COIL CHOKE 31uH, 13*15 1 PC DB61-05296A SUPPORT-IPM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C001-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-04148B DB4-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC DB62-04148B						
DB61-05296A SUPPORT-PFCM SUPPORT-IC AFX-HD233A, PA66, FR50, BLACK 1 PC DB67-00942A C001-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 1203-002560 - IC-POSI. FIXED REG. NJM7805, T0-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC 6002-00630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB94-04316A IC155 ASSY HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 -					1	PC
DB67-00942A C001-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 1203-002560 - IC-POSI. FIXED REG. NJM7805, TO-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, TO-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B <td< td=""><td>DB61-05296A</td><td>SUPPORT-IPM</td><td>SUPPORT-IC</td><td>AFX-HD233A, PA66, FR50, BLACK</td><td></td><td></td></td<>	DB61-05296A	SUPPORT-IPM	SUPPORT-IC	AFX-HD233A, PA66, FR50, BLACK		
DB67-00942A C002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 1203-002560 - IC-POSI. FIXED REG. NJM7805, T0-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB94-04316A IC155 ASSY HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, T0-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC	DB61-05296A	SUPPORT-PFCM				
DB67-00942A VA002-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 1203-002560 - IC-POSI. FIXED REG. NJM7805, TO-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, TO-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC						
DB67-00942A VA003-1 CAP VIVALDI-P/J, SHP2, 1, 5. 2, 11. 5, 18. 5, GREEN, SSEC 1 PC DB68-05458A 001 LABEL BAR CODE AM9000H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 1203-002560 - IC-POSI. FIXED REG. NJM7805, TO-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, TO-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC						
DB68-05458A 001 LABEL BAR CODE AM9000H, ART, W17. 5, L15, PCB PARTS 1 PC DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 1203-002560 - IC-POSI. FIXED REG. NJM7805, TO-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, TO-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC						
DB94-04315A IC154 ASSY HEAT SINK 1 A3050, 7805, DB92-02867A 1 PC 1203-002560 - IC-POSI. FIXED REG. NJM7805, TO-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, TO-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, N0, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC						
1203-002560 - IC-POSI. FIXED REG. NJM7805, TO-220F, 3P, PLASTIC, 5V, 16W, -30to+150, 1A, -, ST 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC DB94-04316A IC155 ASSY HEAT SINK 2 A3050, 7812, DB92-02867A 1 PC 1203-000242 - IC-POSI. FIXED REG. 7812, TO-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC						
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1203-000242 - IC-POSI. FIXED REG. 7812, TO-220, 3P, -, PLASTIC, 11. 5/ 1 PC 6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC						
6002-000630 SCREW-TAPPING SCREW-TAPPING PH, +, NO, 2S, M3, L8, ZPC (WHT), SWRCH18A 1 PC DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC		-				
DB62-04148B HEAT SINK HEAT SINK A6063, 11mm, 15mm, 20mm 1 PC		SCREW-TAPPING				
		_			1	PC

7. Wiring Diagram

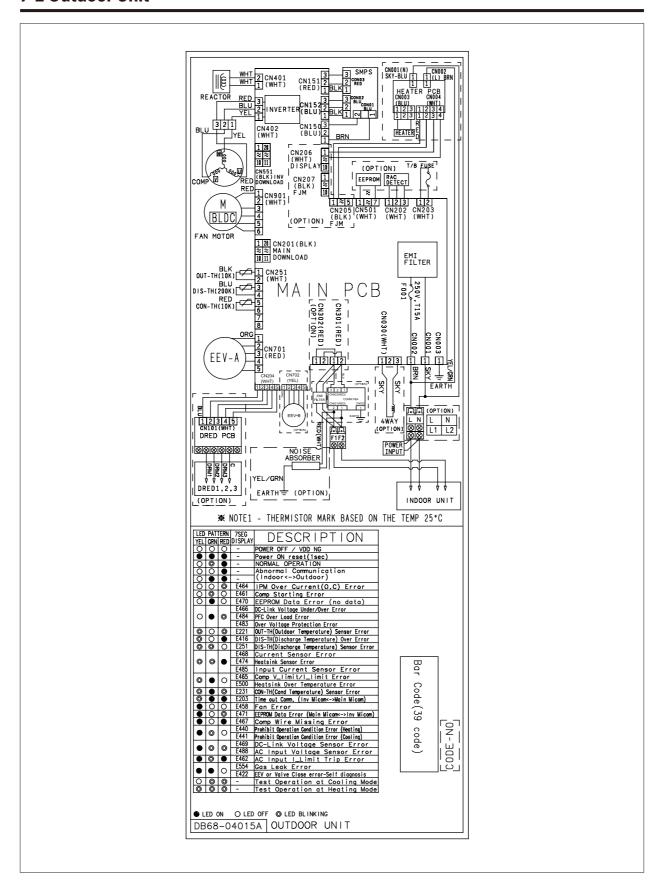
7-1 Indoor Unit_AR09,12KSWSPWKNCV



Samsung Ele ctr onic s 7-1



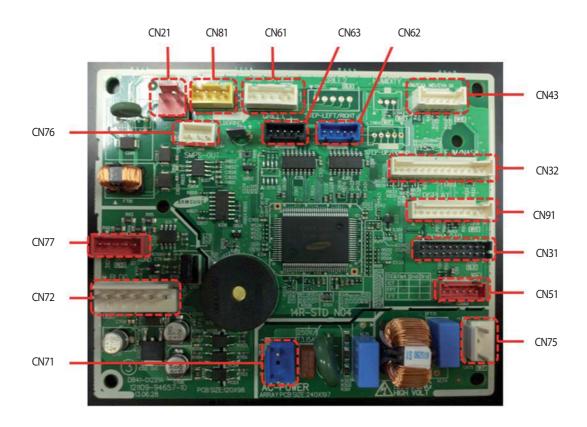
7-2 Samsung Electronics



7-3 Samsung Electronics

8. PCB Diagram

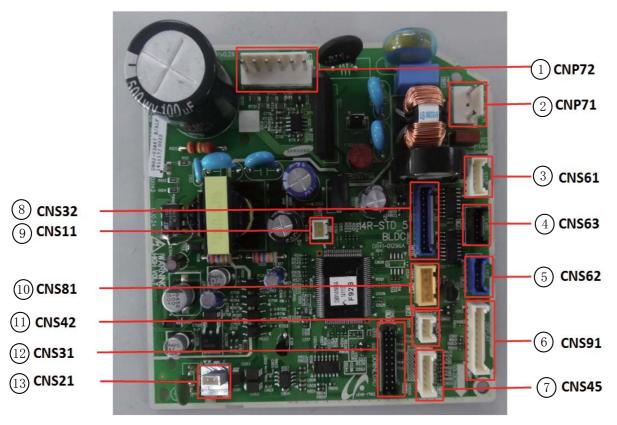
8-1 Indoor PCB_AR09,12KSWSPWKNCV



	#6:N.C
#1,#2:485 COMM SIGNAL	® CN72 - BLDC FAN MOTOR #1 : DC 310⊠340V #2 : N.C #3 : AGND #4 : DC 15V #5 : FAN RPM #6 : FAN FEEDBACK
(12V/GND/5V) #1:DC5V #2:GND	© CN77 - SMPS DC OUT (19V/GND/310V) #1:DC 310V⊠340V #2,#3:N.C #4:DC 19V⊠27V #5:AGND
	DC 12V

8. PCB Diagram

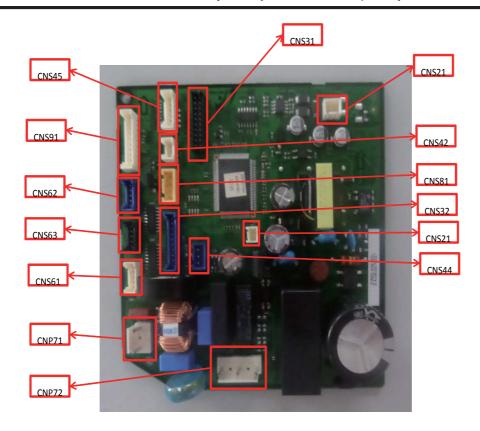
8-1 Indoor PCB_AR18,24KSFPDWQNCV



1 CNP72 - BLDC-MOTOR #1:DC310V #3-6: Bldc driving singal output	2 CNP71N/OUTFAN/4-WAY #1:POWER-N #3:OUTFAN RELAY signal #5:4-WAY RELAY signal	3 CNS61 -STEP MOTOR #1:12V #2-5: STEP MOTOR signal	4 CNS63 -STEP MOTOR #1:12V #2-5: STEP MOTOR signal
(5) CNS62 -STEP MOTOR #1:12V #2-5: STEP MOTOR signal	6 CNS91 - DISPLAY #1-#4 : DIO; CLK; STB; IRQ #5: GND #6: VCC #7: Vout #8: PWM_LED #9: ROOM_TEMP	7 CNS45 - TEMPERATURE SENSOR #1,#2 : ROOM SENSOR #3,#4 : EVA MID SENSOR #5,#6 : EVA IN SENSOR	8 CNS32 - FJM/NASA #1~#7,#11~#14:FJM/NASA SIGNAL #8:DC 5V #9:GND #10:DC 12V
9 CNS11 - 12V #1: 12V Signal	#1:SPI Signal #2:GND #3:DC 12V	(1) CNS42 - HUMIDITY SENSOR #1: EVA_TEMP #2: GND	(12) CNS31 - DOWNLOAD #1,4,5,6: Download Signal #2:VCC #3: GND
(13) CNS21-COMM #1: Signal 1 #2: Signal 2			

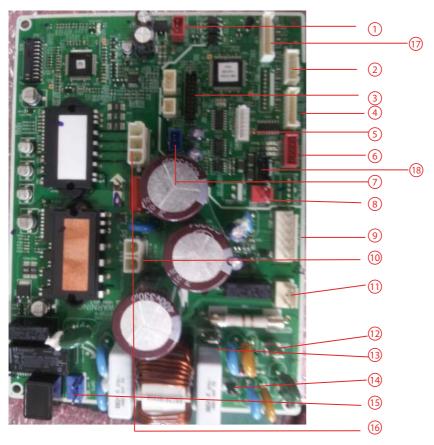
8. PCB Diagram

8-1 Indoor PCB--DB92-03619D(AR09,12KSFPDWQNCV)



(1) CNP72 - BLDC-MOTOR #1:DC310V #3-6: Bldc driving singal output	2 CNP71N/OUTFAN/4-WAY #1:POWER-N #3:OUTFAN RELAY signal #5:4-WAY RELAY signal	(3) CNS61 -STEP MOTOR #1:12V #2-5: STEP MOTOR signal	#1:12V #2-5: STEP MOTOR signal
(5) CNS62-STEP MOTOR #1:12V #2-5: STEP MOTOR signal	6 CNS91 - DISPLAY #1-#4 : DIO; CLK; STB; IRQ #5: GND #6: VCC #7: Vout #8: PWM_LED #9: ROOM_TEMP	7 CNS45 - TEMPERATURE SENSOR #1,#2 : ROOM SENSOR #3,#4 : EVA MID SENSOR #5,#6 : EVA IN SENSOR	8 CNS32 - FJM/NASA #1~#7,#11~#14:FJM/NASA SIGNAL #8:DC 5V #9:GND #10:DC 12V
(9) CN511 - 12V #1: 12V Signal	#1:SPISignal #2:GND #3:DC 12V	(1) CNS42 - HUMIDITY SENSOR #1: EVA_TEMP #2: GND	(12) CNS31 - DOWNLOAD #1,4,5,6: Download Signal #2:VCC #3: GND
(13) CNS21-COMM #1:Signal 1 #2: Signal 2	#1:DC5V #3:GND #5:Feedback signal input		

8-2 Outdoor PCB_AR09,12KSWSPWKXCV;AR18KSFPDWQXCV



①CN206 Heater Drive signal 1:Heater 1 Signal

2:Heater 2 Signal

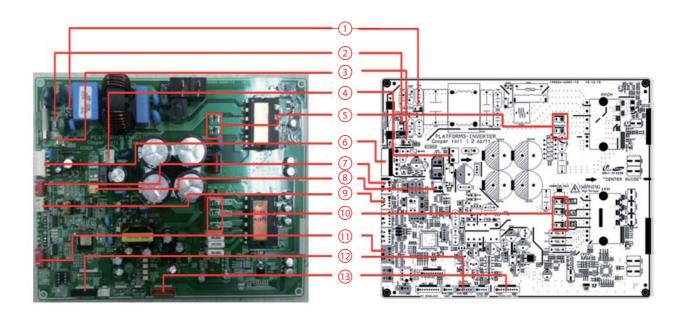
#3 :U

18 CN205 DC Power

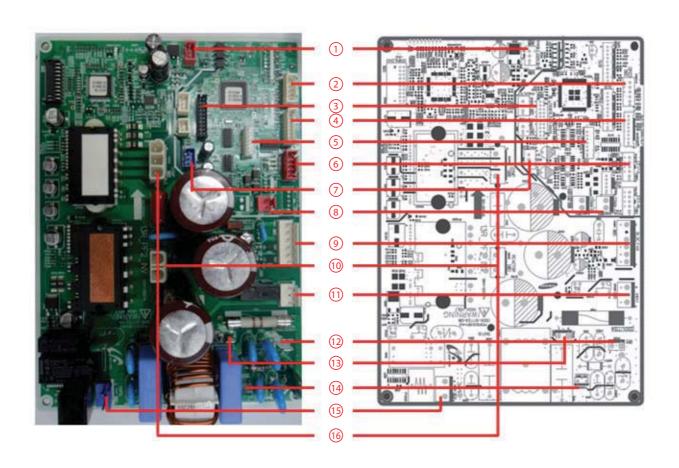
1:12V 2:GND

① CN151 - SMPS INV #1:15V #2:GND #3:ENABLE	② CN204 - DRED #1:DRED1 #2:DRED2 #3:DRED3 #4:GND #5:5V	③ CN201- DOWNLOAD-MAIN #1 ~ #20: DOWNLAOD	① CN251 - SENSOR #1,#2: OUT SENSOR #3,#4: DISCHARGE SENSOR #5,#6: COND SENSOR
(S) CN501 - EEPROM #1 : GND #3 : 5V #4 : EEP CS #5 : EEP_SO/MICOM RX #6 : EEP_SI_MICOM_TX #7 : EEP CLK	© CN701 - EEV-A #1~#4 : EEV SIGNAL #5 : 12V	© CN152 - SMPS MAIN #1 :12V #2 :GND #3 :5V	® CN301 - COMMUNICATION #1 :F1 #2 :F2
© CN901 - FAN #1:DC310~340V #2:N.C #3:AGND #4:DC15V #5:FAN RPM #6:FAN FEEDBACK	© CN401- REACTOR #1 : REACTOR1 #2 : REACTOR2	① CN030 - 4WAY #1,#3 : AC220~240V	© CN001 - POWER-N #1:N
(3) CN002 - POWER-L #1 : L	(A) CN003 - EARTH #1 : EARTH	(6) CN150 - SMPS AC #1,#3 : AC220~240V	(6) CN402 - COMP #1 :W #2 :V

8-4 Samsung Electronics



① EARTH - EARTH	② TB-N - POWER N	③ TB-L - POWER L	
#1:EARTH	#1:N	#1:L	
(5) REACTOR1/2 - REACTOR	© CN901 - FAN MOTOR #1: DC 310⊠340V #2: N.C #3: AGND #4: DC 15V #5: FAN RPM #6: FAN FEEDBACK	© CN502 - TEMP SENSOR-OUT/DIS	® CN301 - COMMUNICATION
#1: REACTOR1		#1, #2 : OUT SENSOR	#1:F1
#1: REACTOR2		#3, #4 : DISCHARGE SENSOR	#2:F2
© CN501 - TEMP SENSOR-COND #1,#2:OLP SENSOR #3,#4:COND SENSOR	© U/V/W - COMP U:U V:V W:W	(f) CN503 - EEV #1⊠#4 : EEV SIGNAL #5 : 12V	② CN512 - DOWNLOAD-MAIN #1⊠#10 : DOWNLOAD
® CN201 - DOWNLOAD-INV #1⊠#10 : DOWNLOAD			



① CN151 - SMPS INV #1:15V #2:GND #3:ENABLE	© CN204 - DRED #1 : DRED1 #2 : DRED2 #3 : DRED3 #4 : GND #5 : 5V	③ CN201- DOWNLOAD-MAIN #1 ☑ #20 : DOWNLAOD	4 CN251 - SENSOR #1,#2:OUT SENSOR #3,#4: DISCHARGE SENSOR #5,#6: COND SENSOR
(S) CN501 - EEPROM #1 : GND #3 : 5V #4 : EEP CS #5 : EEP_SO/MICOM RX #6 : EEP_SI_MICOM_TX #7 : EEP CLK	© CN701 - EEV-A #1⊠#4 :EEV SIGNAL #5 : 12V	© CN152 - SMPS MAIN #1 :12V #2 :GND #3 :5V	® CN301 - COMMUNICATION#1 :F1#2 :F2
 © CN901 - FAN #1 : DC 310⊠340V #2 : N.C #3 : AGND #4 : DC 15V #5 : FAN RPM #6 : FAN FEEDBACK 	© CN401- REACTOR #1 : REACTOR1 #2 : REACTOR2	(f) CN030 - 4WAY #1,#3 : AC220⊠240V	© CN001 - POWER-N #1:N
(3) CN002 - POWER-L #1 :L	© CN003 - EARTH #1 : EARTH	® CN150 - SMPS AC #1,#3 : AC220⊠240V	® CN402 - COMP #1 : W #2 : V #3 : U

8-6 Samsung Electronics

8-3 Wire connecting the indoor unit terminal blocks

1. Terminal press of Ring terminal shall be set facing up before connecting wire.







Is inverted

Terminalhasbeencut.

2. There shall be no empty space between Ring terminal and Screw after Clamp.

If not, there exists a possibility of fire which can be caused by electric heat in the connecting part.













①, ② : Good

③ Bad: Ring terminal is connected reversely

4 Bad : Not clamped Screw

⑤ Bad : In the gap between Ring terminal & Screw

6 Bad : Unused Ring Terminal

8-7 Samsung Electronics

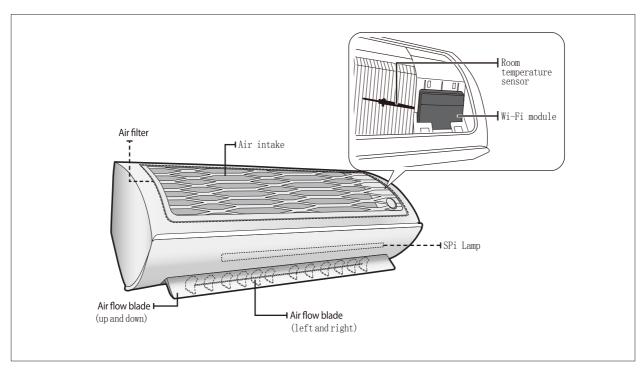
9. Operating Instructions

9-1 Name of Each Part_AR09,12KSWSPWKNCV

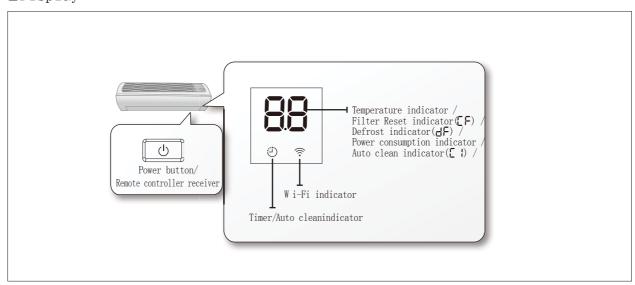
9-1-1 Indoor Unit

The design and shape are subject to change according to the model.

■Main Parts



■ Display



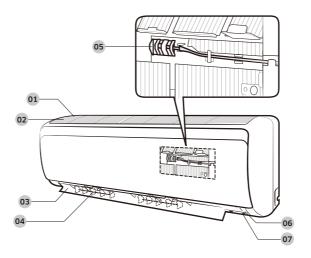
9. Operating Instructions

9-1 Name of Each Part_AR09,12,18,24KSFPDWQNCV

9-1-1 Indoor Unit

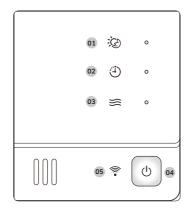
The design and shape are subject to change according to the model.

■ MainParts



- 01 Air intake
- **02** Air filter
- 03 Air flow blade (up and down)
- **04** Air flow blade (left and right)
- **05** Room temperature sensor
- **06** Display
- **07** Power button / Remote control receiver

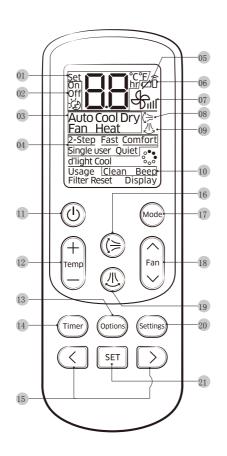
■ Display



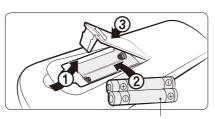
- 01 good'sleep indicator
- **02** Timer indicator Auto clean indicator
- **03** Operation indicator
- **04** Power button
- **05** Remote controller receiver

Samsung Ele ctr onic s 9-2

9-2 Wireless Remote Control-Buttons and Display



Inserting batteries



two 1.5V AA A type batteries

- 01 Settempe rature indicator
- 02 Time r option indicator
- 03 Ope ration mo de indicator
- 04 Op tions indicator
- 05 Low battery indicator
- 06 Transm it indicator
- 07 Fan speed indicator
- 08 Verticalairswing indicator
- 09 Ho rizon talairswing indicator (Without this function)
- 10 Settings indicator
- 11 Powe r button
- 12 Tempe rature button
- 13 Op tions button
- 14 Time r button
- 15 Direction button / Selection button
- 16 Verticalairswing button
- 17 Mo de button
- 18 Fan speed button
- 19 Ho rizon talairswing button (W ithout this function)
- 20 Settings button
- 21 SET button

9-3 Samsung Electronics

10. Troubleshooting

10-1 Items to be checked first

Refer to the following chart if the air conditioner operates abnormally. This may save time and unnecessary expenses.

PROBLEM	SOLUTION	
The air conditioner does not work at all.	 power Checkstatus and then operate the air conditioner again. Plug in or switch on the circuit breaker and then operate the air conditioner again. Isolator Ensure is switch on. Check if you have set the Off Timer. Operate the air conditioner again by pressing the Power button. 	
The temperature adjustment is not working.	Check if you have selected Fan/Fast mode. In these modes, desired temperature is set to auto and you cannot adjust the temperature.	
Cool/Warm air does not come out of the air conditioner.	 Check if the set temperature is higher(during Cool mode)/ lower(during Heat mode) than the current temperature. Press the Temp + or - button on the remote controller to change the set temperature. Check if the Air filter is blocked by dirt. If there is a lot of dust on the Air filter, cooling(heating) performance may decrease. Clean them frequently. Check if the outdoor unit is covered or installed near the obstacle. Take the cover off and take the obstacle away. Check if the air conditioner is operating in defrost mode. When the ice formed in winter or the outdoor temperature is too low, the air conditioner operates in defrost mode automatically. In defrost mode, indoor fan stops and warm air does not come out. If the doors or windows are open, it may cause bad cooling (heating) performance. Close the doors and windows. Check if the air conditioner has just been turned on after stopping cooling or heating operation. In this case, just a fan will run to protect the outdoor unit compressor. Check if the pipe length is too long. When the pipe length exceeds maximum allowable pipe length, cooling (heating) performance may decrease. 	
Air flow adjustment is not working.	 Check if you have selected good'sleep mode. In this mode, you cannot adjust the air flow direction. (If the good'sleep mode is operating in Heat mode, you can adjust the air flow direction.) 	

10-1 Items to be checked first

PROBLEM	SOLUTION		
Air flow adjustment is not working.	 Check if you have selected good'sleep mode. In cool mode, you cannot adjust the air flow direction. (If the good'sleep mode is operating in Heat mode, you can adjust the air flow direction.) 		
Fan speed adjustment is not working.	 Check if you have selected Auto/Dry/Fast/Comfort/ good'sleep mode. In these mode, fan speed is set to Auto and you cannot adjust the fan speed. 		
Remote controller is not working.	 Check if your batteries are depleted. Make sure nothing is blocking your remote controller sensor. Check that there are strong lighting apparatus near the air conditioner. Strong light which comes from fluorescent bulbs or neon signs may interrupt the electric waves. 		
Timer function does not set.	 Check if you press the SET button on the remote controller after you have set the time. 		
The indicator is blinking continuously.	 Press the Power button or disconnect the power plug/ switch off the auxiliary power switch. If the indicator is still blinking, contact the service center. 		
Odors permeate in the room during operation.	 Check if the appliance is running in a smoky area. Ventilate the room or operate the air conditioner in Fan mode for 1~2 hours. (We do not use smelly components in the air conditioner.) Check the Drains have been cleared Regular Maintenance. 		
Error is indicated.	 When an indoor unit indicator blinks, contact the nearest service center. Please ensure the error code is passed onto the service center when booking the service call. 		
Noise is generated.	 Depending on the status of the air conditioner usage, noise can be heard when refrigerant flow movement changes. It is normal. 		
Smoke is generated from the outdoor unit.	 If may not be a fire but it can be a steam generated by the defrost operation from outdoor heat exchanger during Heat mode in winter. 		
Water is dropping from the outdoor unit piping connection.	Water may be generated because of the temperature difference. It is normal.		

10-2-1 Communication Error

Indoor display

3-LED DISPLAY		7-SEG DISPLAY	DESCRIPTION	
LED1	LED2	LED3	E101/E102	Communication error(Indoor<->outdoor)
0	•	•		

Outdoor display

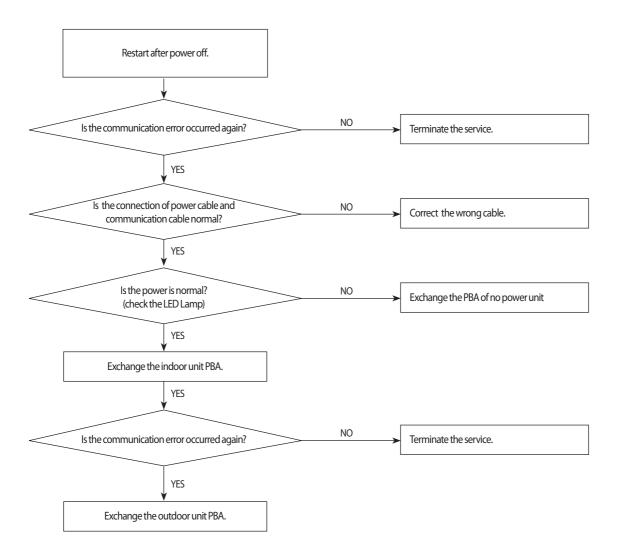
0	•	•	1min. Time out Comm.	
0	0	•	Abnormal Communication	
0	•	•		

- LED ON
- □ LED BLINKING LED OFF

1. Checklist:

- 1) Is the cable between the indoor unit and outdoor unit connected correctly?
- 2) Isn't the power cable and communication cable cross?

2. Troubleshooting procedure



10-2 Samsung Electronics

10-2-2 Indoor temperature sensor Error

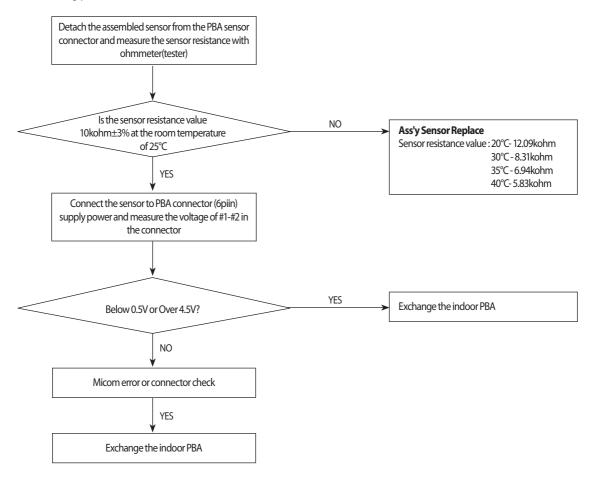
Indoor display

7-SEG DISPLAY	DESCRIPTION
E121	Indoor room temp sensor error

1. Checklist:

- 1) Is the indoor units temperature sensor connected correctly?
- 2) Is the sensor placed correctly?
- 3) Does the both terminal of sensor satisfy the resistance value in accordance with temperature?

2. Troubleshooting procedure



10-2-3 Indoor Eva-in temperature sensor error

Indoor display

3-LED DISPLAY		7-SEG DISPLAY	DESCRIPTION	
LED1	LED2	LED3	F122 F122	I I MID I I INDIDETII
0	0	0	E122,E123	Indoor MID, Indoor IN PIPE-TH sensor error

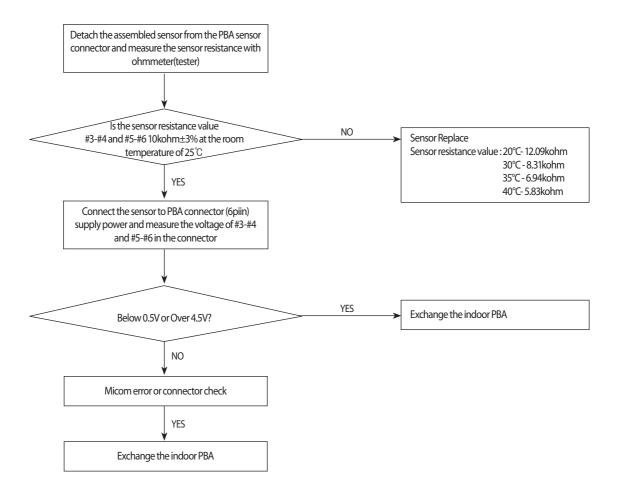
LED ON

□ LED BLINKING ○ LED OFF

1. Checklist:

- 1) Is the indoor units temperature sensor connected correctly?
- 2) Is the sensor placed correctly?
- 3) Does the both terminal of sensor satisfy the resistance value in accordance with temperature?

2. Troubleshooting procedure



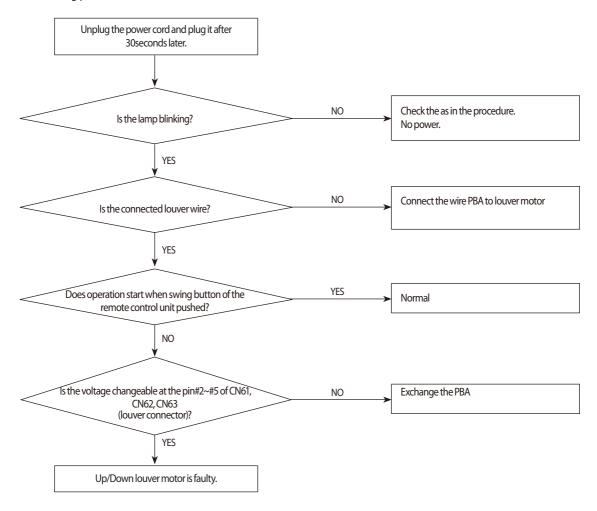
10-4 Samsung Electronics

10-2-4 When the Up/Down, Left/Right, Grill louver motor does not operate (Initial Diagnosis) (Not displayed)

1. Checklist:

- 1) Is the input power voltage normal?
- 2) Is the Up/Down louver motor properly connected with the connector? (CN61, CN62, CN63)

2. Troubleshooting procedure



10-2-5 Indoor fan motor speed detecting error (BLDC fan)

Indoor display

	3-LED DISPLAY		7-SEG DISPLAY	DESCRIPTION
LED1	LED2	LED3	F1.F.4	la de au f an annan
0	0	0	E154	Indoor fan error

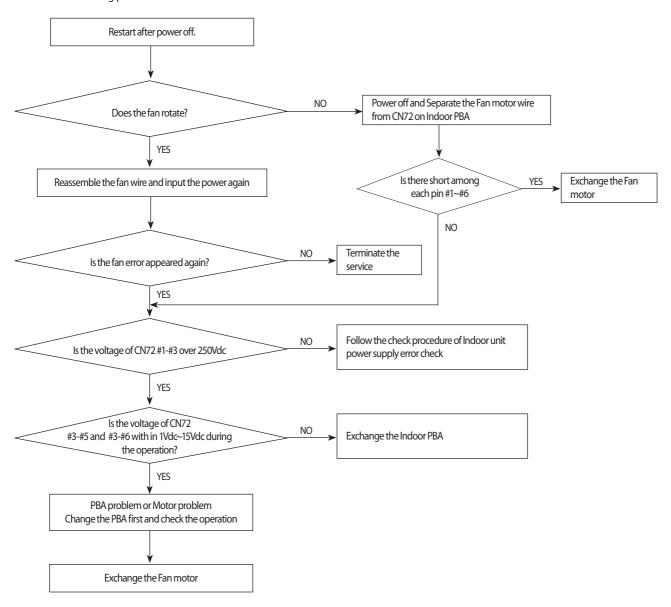
LED ON

□ LED BLINKING ○ LED OFF

1. Checklist:

- 1) Is the indoor units fan motor properly connected with the connector(CN72)?
- 2) Is the AC voltage correct?

2. Troubleshooting procedure



10-6 Samsung Electronics

10-2-6 Outdoor temperature sensor error

Indoor display

3-LED DISPLAY			7-SEG DISPLAY	DESCRIPTION
LED1	LED2	LED3	F224	0.44
0	0	0	E221	Outdoor temperature sensor error

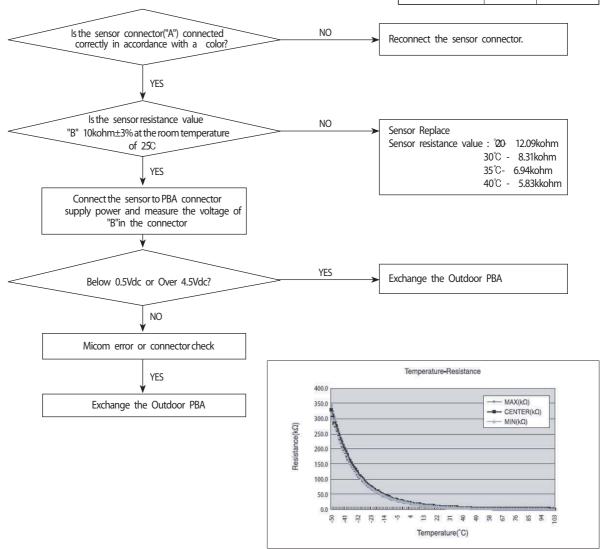
Outdoor display

0	0	0	Outdoor temperature sensor error

- LED ON
- □ LED BLINKING LED OFF
- 1. Checklist:
 - 1) Is the sensor connected correctly?
 - 2) Is the sensor placed correctly?
 - 3) Does the both terminal of sensor satisfy the resistance value in accordance with temperature?

4) Is the resistance value of sensor connection pull-up correct?

MODEL "A" "B" ALL CN251 CN251 #1-#2 2. Troubleshooting procedure



10-2-7 Outdoor Cond temperature sensor error

Indoor display

	3-LED DISPLAY			7-SEG DISPLAY	DESCRIPTION
LE	D1	LED2	LED3	F221	0.11
	0	0	0	E231	Outdoor Cond temperature sensor erro

Outdoor display

0	•	0	Outdoor Cond temperature sensor error

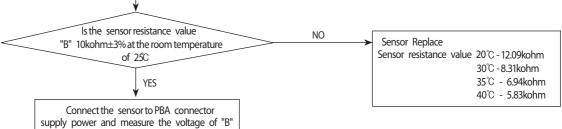
• LED ON

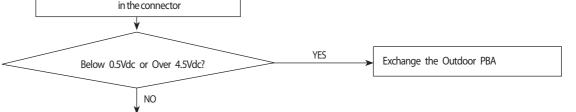
□ LED BLINKING ○ LED OFF

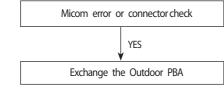
1. Checklist:

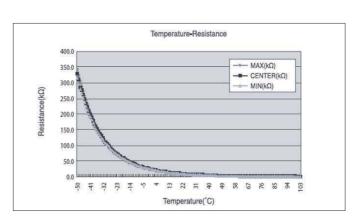
- 1) Is the sensor connected correctly?
- 2) Is the sensor placed correctly?
- 3) Does the both terminal of sensor satisfy the resistance value in accordance with temperature?

4) Is the resistance value of sensor connection pull-up correct?









10-8 Samsung Electronics

10-2-8 Outdoor Discharge temperature sensor error

Indoor display

	3-LED DISPLAY		7-SEG DISPLAY	DESCRIPTION
LED1	LED2	LED3	F251	Outdoor Discharge temperature
0	0	0	E251	sensor error

Outdoor display

	•		
0	0	0	Outdoor Discharge temperature sensor error

● LED ON

© LED BLINKING

○ LED OFF

1. Checklist:

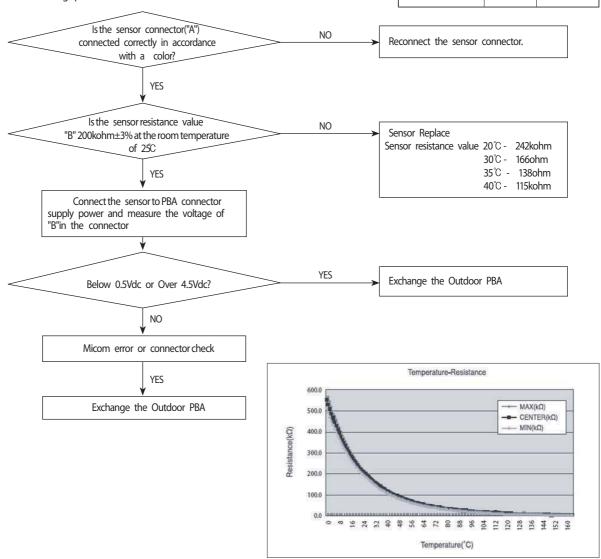
- 1) Is the sensor connected correctly?
- 2) Is the sensor placed correctly?
- 3) Does the both terminal of sensor satisfy the resistance value in accordance with temperature?

4) Is the resistance value of sensor connection pull-up correct?

| MODEL | "A" |
| ALL | CN251 | CN251 | #3-#4

"B"

2. Troubleshooting procedure



10-2-9 Outdoor Discharge over temperature error

Indoor display

3-LED DISPLAY			7-SEG DISPLAY	DESCRIPTION
LED1	LED2	LED3	F416	0.11 8:1
0	0	0	E416	Outdoor Discharge ove temperature error

Outdoor display

_	• •			
	0	0	•	Outdoor Discharge over temperature error

● LED ON

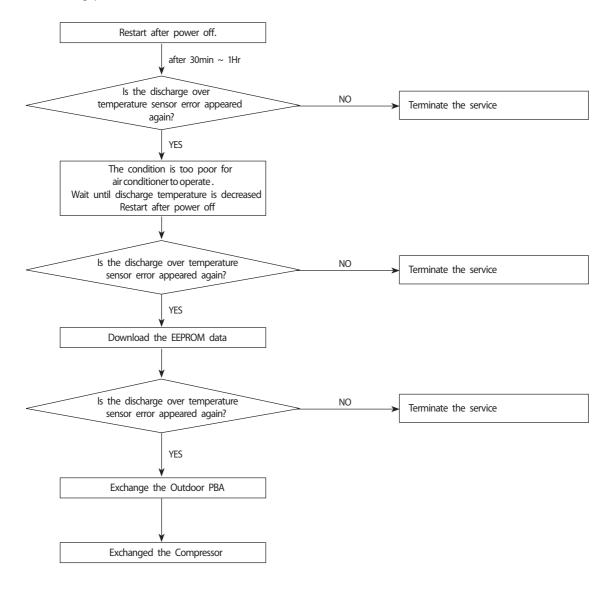
© LED BLINKING

○ LED OFF

1. Checklist:

- 1) Check the discharge temperature in the outdoor unit
- 2) Check the compressor locking or gas leak
- 3) Download the EEPROM data

2. Troubleshooting procedure



10-10 Samsung Electronics

10-2-10 Outdoor Fan motor error

Indoor display

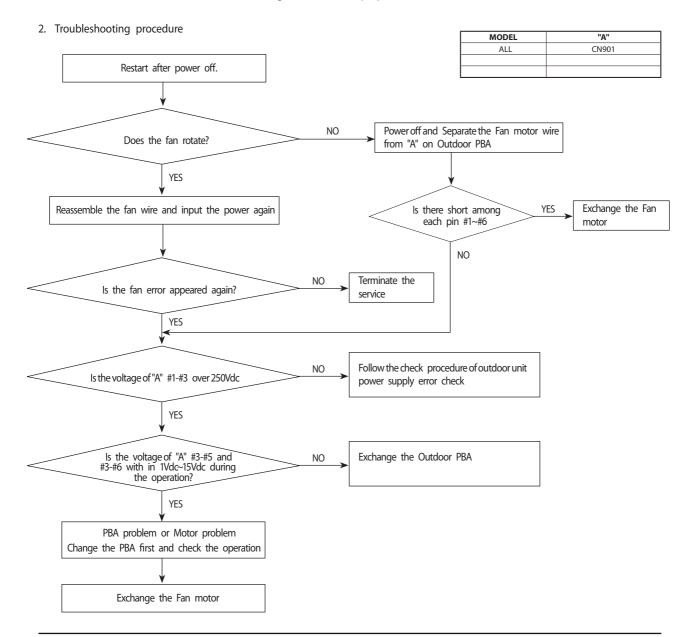
	3-LED DISPLAY		7-SEG DISPLAY	DESCRIPTION
LED1	LED2	LED3	F450	0.11
0	0	0	E458	Outdoor fan error

Outdoor display

Outdoor fan error		0	0	
-------------------	--	---	---	--

1. Checklist:

- 1) Are the input power voltage and the power connection correct?
- 2) Is the motor wire connected to the outdoor PBA correctly?
- 3) Is there no assembly error or non-assembly in the terminal of motor wire connector?
- 4) Is there no obstacle at the surrounding of motor and propeller?



10-2-11 Compressor starting error

Indoor display

	3-LED DISPLAY		7-SEG DISPLAY	DESCRIPTION
LED1	LED2	LED3	F461	C
0	0	0	E461	Comp starting error

Outdoor display

_				
	0	0	0	Comp starting error

● LED ON

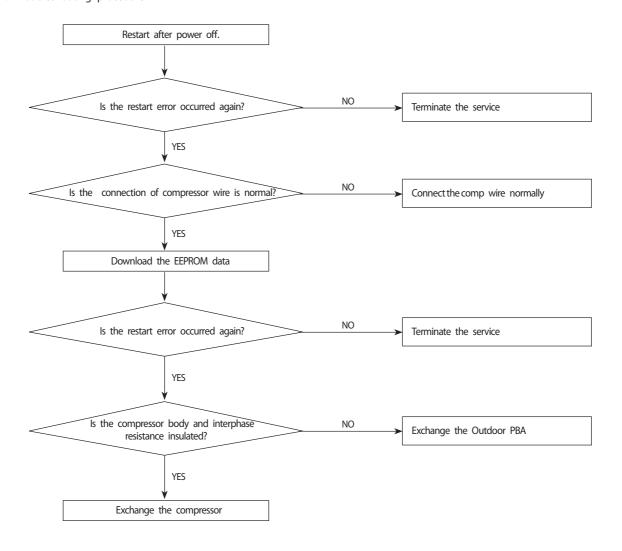
© LED BLINKING

○ LED OFF

1. Checklist:

- 1) Is the connection of cable for the compressor?
- 2) Is the compressor wire is connected clockwise? U(RED)-V(BLU)-W(YEL)
- 3) Is the interphase resistance of compressor normal?

2. Troubleshooting procedure



10-12 Samsung Electronics

10-2-12 Compressor wire missing error/rotation error

Indoor display

	3-LED DISPLAY			7-SEG DISPLAY	DESCRIPTION
L	LED1	LED2	LED3	F467	Compressor wire missing
	0	0	0	E467	errorr/rotation error

Outdoor display

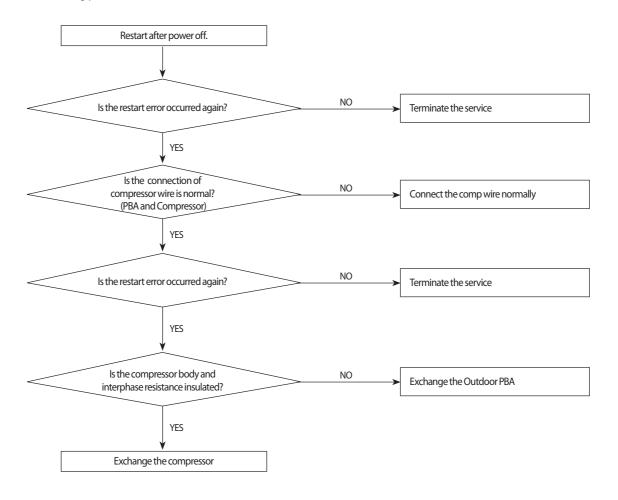
•	0	•	Compressor wire missing error/rotation error
• LED ON	□ LED BLINKING	O LED OFF	

1. Checklist:

- - 1) Is the connection of cable for the compressor?
 - 2) Is the compressor wire is connected clockwise? U(RED)-V(BLU)-W(YEL)

3) Is the interphase resistance of compressor normal?

2. Troubleshooting procedure



10-2-13 O.C(Over Current) error

Indoor display

	3-LED DISPLAY		7-SEG DISPLAY	DESCRIPTION
LED1	LED2	LED3	F464	IDM Occasi CommunitiO C) Famous
0	0	0	E464	IPM Over Current(O.C) Error

Outdoor display

0	0	0	IPM Over Current(O.C) Error

LED ON

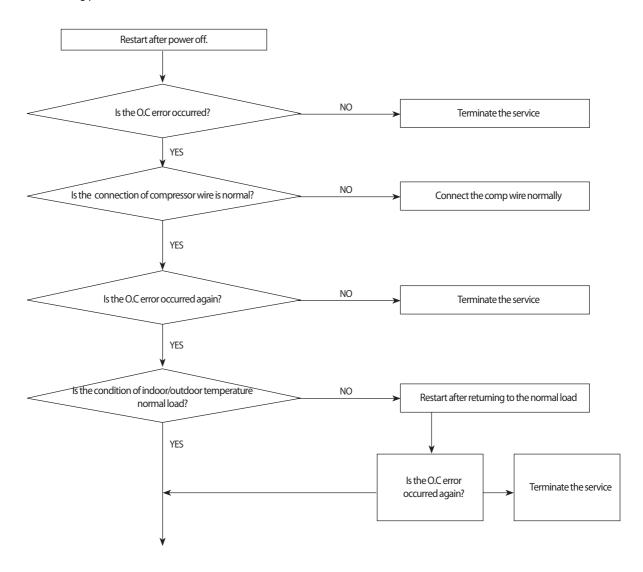
□ LED BLINKING

O LED OFF

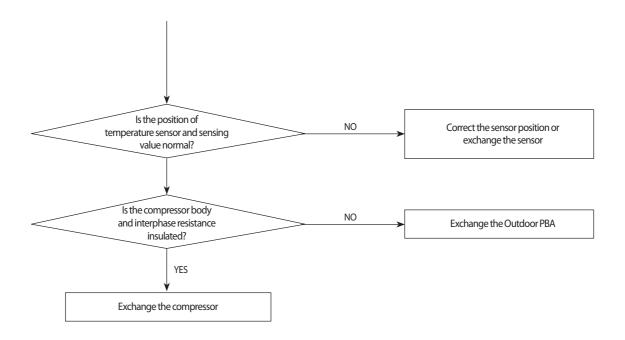
1. Checklist:

- 1) Is the IPM Shunt resistance value correct? Check the resistor is opened
- 2) Is the condition of surrounding temperature abnormal overload?
- 3) Is there any problem as like the temperature sensor separation or measurement value error?
- 4) Is the interphase resistance of compressor normal?

2. Troubleshooting procedure



10-14 Samsung Electronics



10-2-14 DC_link voltage sensor error

Indoor display

3-LED DISPLAY			7-SEG DISPLAY	DESCRIPTION
LED1	LED2	LED3	F460	DC limb weltern and an arman
0	0	0	E469	DC_link voltage sensor error

Outdoor display

_		•		
	•	0	0	DC_link voltage sensor error

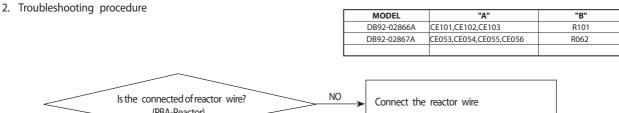
● LED ON

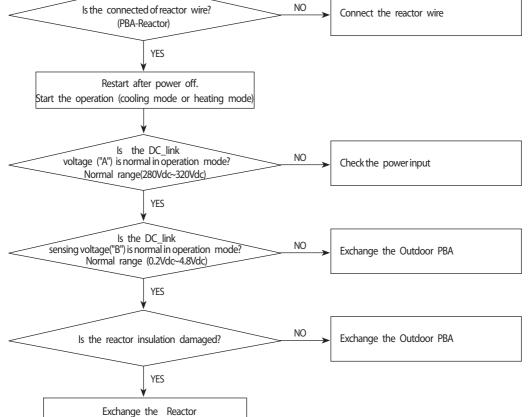
© LED BLINKING

○ LED OFF

1. Checklist:

- 1) Is the input voltage of outdoor terminal block is normal?
- 2) Is the reactor wire connected?
- 3) Is the DC_link capacitor("A") assembled in accordance the specification? (Outdoor PBA)
- 4) Is the DC_link resistor("B") value is normal? (Outdoor PBA)





10-16 Samsung Electronics

10-2-15 DC_link voltage sensor error

Indoor display

	3-LED DISPLAY		7-SEG DISPLAY	DESCRIPTION
LED1	LED2	LED3	F400	AC lowert Voltage Carrage Francis
0	0	0	E488	AC Input Voltage Sensor Error

Outdoor display

_				
	•	0	0	AC Input Voltage Sensor Error

● LED ON

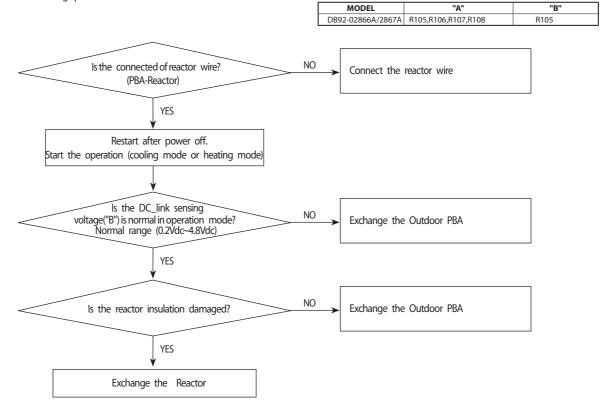
© LED BLINKING

○ LED OFF

1. Checklist:

- 1) Is the input voltage of outdoor terminal block is normal?
- 2) Is the reactor wire connected?
- 3) Is the PFC resistor("A") value is normal? (Outdoor PBA)

2. Troubleshooting procedure



10-2-16 DC_link voltage under/over error, H/W DC-link Over voltage protection error/PFC over load

Indoor display

	3-LED DISPLAY		7-SEG DISPLAY	DESCRIPTION
LED1	LED2	LED3	E466	DC-Link voltage under/over error
(i)	0	0	E483	Over Voltage Protection Error
			E484	PFC over load

Outdoor display

			DC-Link voltage under/over error
0	•	©	PFC over load
			Over Voltage Protection Erro

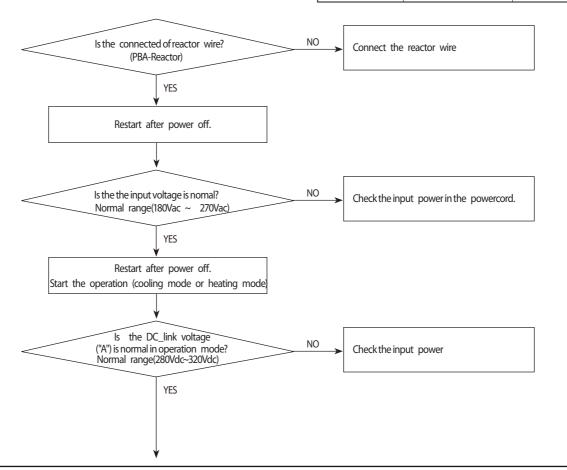
1. Checklist:

- 1) Is the input voltage of outdoor terminal block is normal?
- 2) Is the input voltage is higher than 300Vac?
- 3) Is the reactor wire connected?
- 4) Is the DC_link capacitor(A") assembled in accordance the specification? (Outdoor PBA)
- 5) Is the DC_link resistor("B") value is normal? (Outdoor PBA)
- 6) Is the PFC resistor("C") value is normal? (Outdoor PBA)

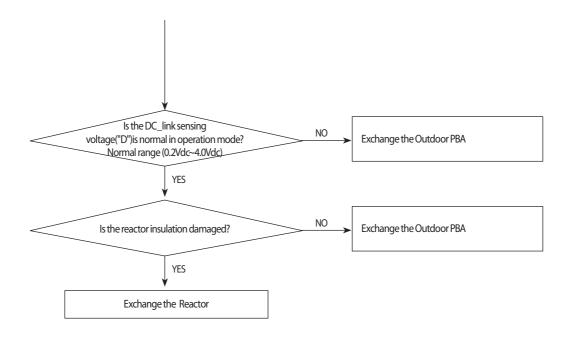
MODEL	"A"	"B"
DB92-02866A	CE101,CE102,CE103	R101,R102,R103,R104
DB92-02867A	CE053,CE054,CE055,CE056	R059,R060,R061,R062

2. Troubleshooting procedure

MODEL	"C"	"D"
DB92-02866A/2867A	R105,R106,R107,R108	R105



10-18 Samsung Electronics



10-2-17 I_trip error, PFC over current

Indoor display

	3-LED DISPLAY		7-SEG DISPLAY	DESCRIPTION
LED1	LED2	LED3	F463	AC Invest I Limit Trin Form
0	0	0	E462	AC Input I_Limit Trip Error

Outdoor display

	•	0	•	AC Input I_Limit Trip Error
--	---	---	---	-----------------------------

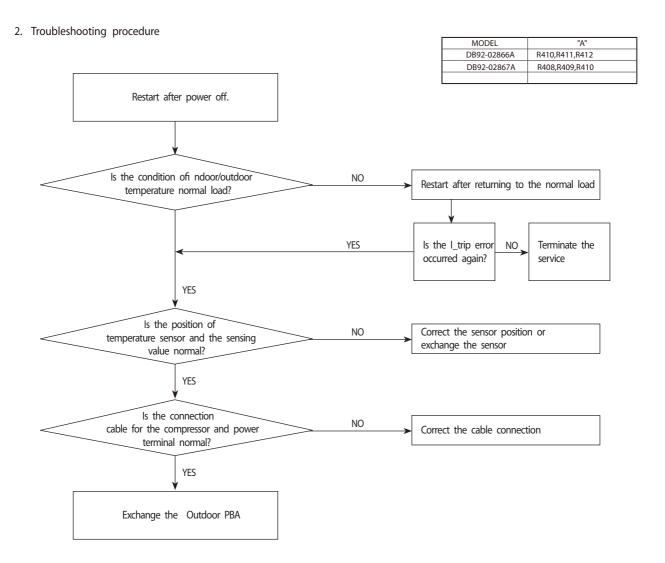
● LED ON

© LED BLINKING

○ LED OFF

1. Checklist:

- 1) Is the PFC Shunt("A") resistance value correct? Check the resistor is opened
- 2) Is the condition of surrounding temperature abnormal overload?
- 3) Is there any problem as like the tetompessensor separation or measurement value error?
- 4) Is the interphase resistance of compressor normal?



10-20 Samsung Electronics

10-2-18 Current sensor error/Input current sensor error

Indoor display

	3-LED DISPLAY		7-SEG DISPLAY	DESCRIPTION
LED1	LED2	LED3	7-3LG DISPLAT	DESCRIF HON
0	0	0	E462	AC Input I_Limit Trip Error

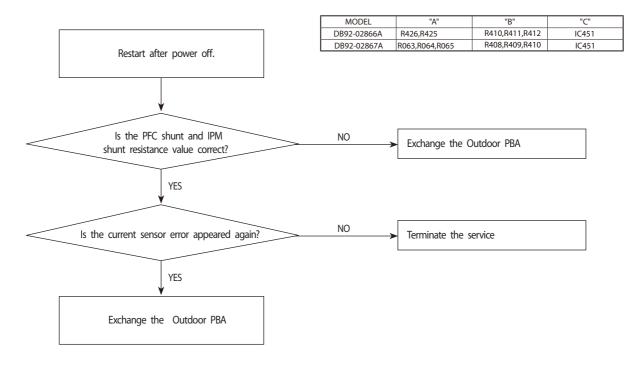
Outdoor display

		Current sensor error
	_	Input current sensor error

1. Checklist:

- 1) Is the PFC Shunt("A") resistance value correct? Check the resistor is opened
- 2) Is the IPM Shunt("B") resistance value correct? Check the resistor is opened
- 3) Is there no short or open around "C"?

2. Troubleshooting procedure



10-2-19 Heatsink sensor error/Heatsink over heat

Indoor display

3-LED DISPLAY			7-SEG DISPLAY	DESCRIPTION
LED1	LED2	LED3	7-SEG DISPLAT	DESCRIPTION
			E474	Heatsink sensor error
		0	E500	Heatsink Over Temperature Error

Outdoor display

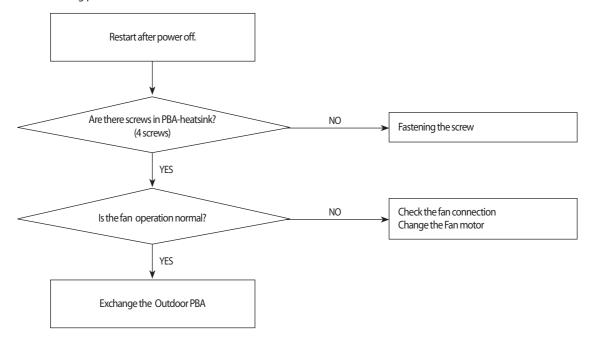
0	0	•	Heatsink sensor error
0	•	0	Heatsink Over Temperature Error

- LED ON
- □ LED BLINKING
- O LED OFF

1. Checklist:

- 1) Are there screws assembly in PBA-heatsink?
- 2) Is the gap PBA-heatsink
- 3) Is the fan operation normal?
- 4) Is the cover assembly in control-box normal?

2. Troubleshooting procedure



10-22 Samsung Electronics

10-2-20 Comp Vlimit error

Indoor display

	3-LED DISPLAY		7-SEG DISPLAY	DESCRIPTION
LED1	LED2	LED3	7-SEG DISPLAT	
0	0	0	E465	Comp V_limit/I_limit Error

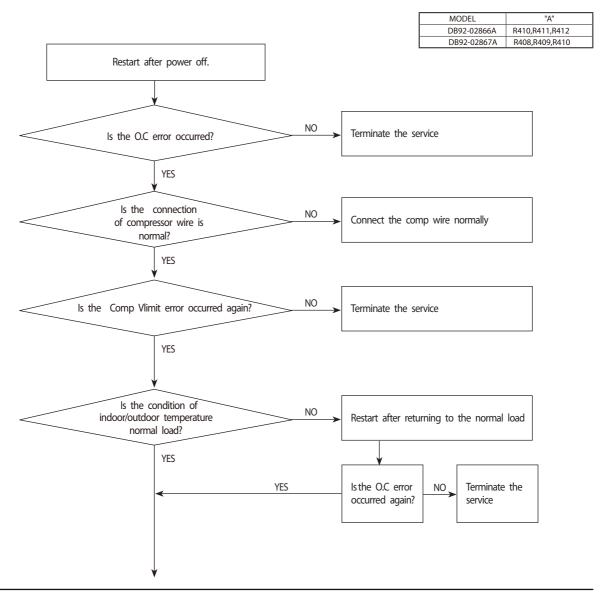
Outdoor display

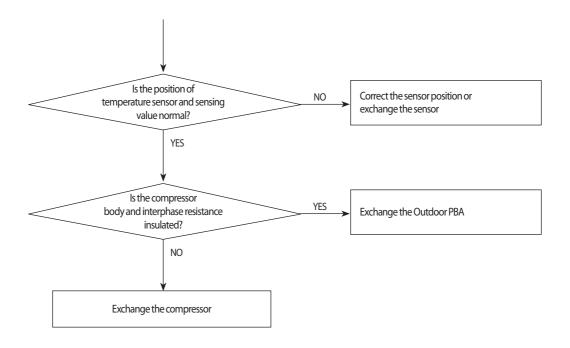
• •			
0	•	0	Comp V_limit/I_limit Error

1. Checklist:

- 1) Is the IPM Shunt("A") resistance value correct? Check the resistor is opened
- 2) Is the condition of surrounding temperature abnormal overload?
- 3) Is there any problem as like the temperature sensor separation or measurement value error?
- 4) Is the interphase resistance of compressor normal?

2. Troubleshooting procedure





10-24 Samsung Electronics

10-2-21 EEPROM error/OTP error

Indoor display

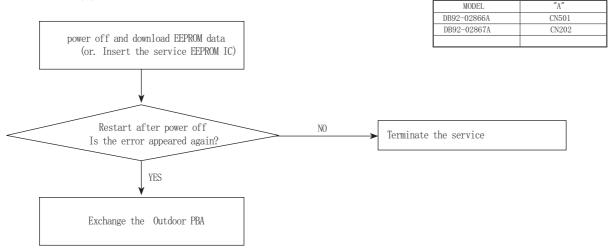
_					
	3-LED DISPLAY			7-SEG DISPLAY	DESCRIPTION
	LED1	LED2	LED3	7 SEG DISLEM	DESCRIFTION
				E470	EEPROM Data Error (no data)
	0	0	0	E471	OTP errorEEPROM Data Error (Main Micom↔Inv Micom)

Outdoor display

Γ	0	•	0	EEPROM Data Error (no data)
	•	0	0	OTP errorEEPROM Data Error (Main Mi co miny Micom)

- 1. Checklist:
 - 1) Is there a short around micom?
 - 2) Is there a short around "A"?
 - 3) Did you download or insert EEPROM IC, after changing outdoor PBA?

2. Troubleshooting procedure



10-2-22 Operation condition secession error

Indoor display

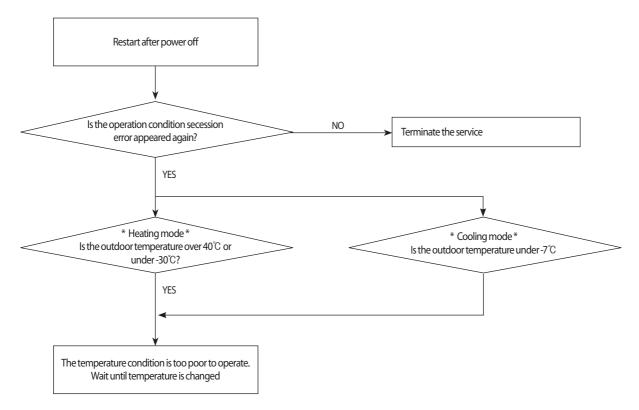
	3-LED DISPLAY		7-SEG DISPLAY	DESCRIPTION	
LED1	LED2	LED3	7-SEG DISPLAT	DESCRIPTION	
			0 0	E440	Prohibit Operation Condition Error (Heating)
© 		©		E441	Prohibit Operation Condition Error (Cooling)

Outdoor display

•	0	0	Operation condition secession

- LED ON ◎ LED BLINKING LED OFF
- 1. Checklist:
 - 1) Check the temperature around the outdoor unit.

2. Troubleshooting procedure



10-26 Samsung Electronics

10-2-23 Gas leak error

Indoor display

	3-LED DISPLAY		7-SEG DISPLAY	DESCRIPTION	
LED1	LED2	LED3	7-3LG DISPLAT	DESCRIPTION	
0	0	0	E554	GAS Leak error	

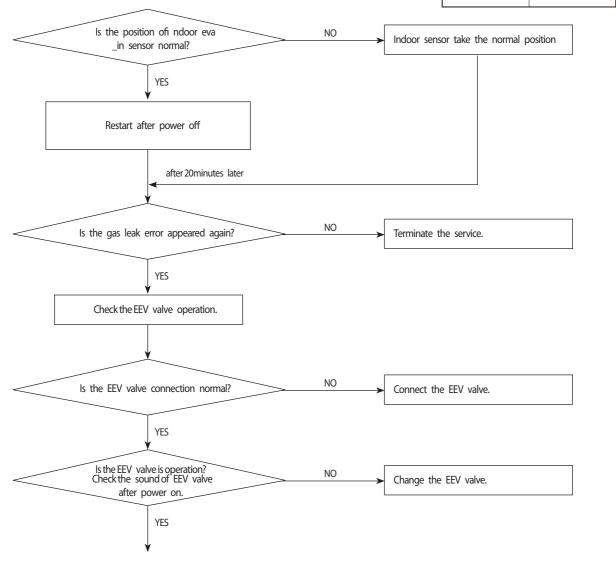
Outdoor display

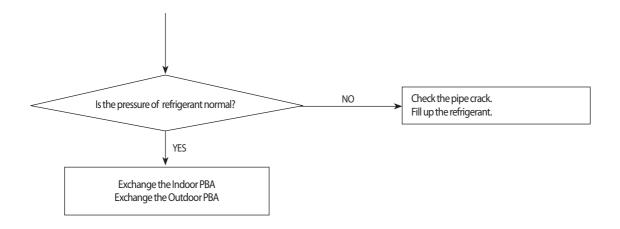
•	•	0	GAS Leak error

- 1. Checklist:
 - 1) Is the position ofindoor Eva_in sensor normal?
 - 2) Check the pipe crack
 - 3) Check the EEV valve connection("A") in Outdoor unit
 - 4) Check the refrigerant was charged

2. Troubleshooting procedure







10-28 Samsung Electronics

10-3 PCB Inspection Method

10-3-1 Pre-inspection Notices

- 1. Check if you pulled out the AC power plug when you eliminate the PCB or front panel.
- 2. Don't hold the PCB side not impose excessive force on it to eliminate the PCB.
- 3. Don't pull the lead wire but hold the whole housing to connect or disconnect a connector to the PCB.
- 4. In case of outdoor PCB disassembly, check first the complete discharge of condenser after 1 minute power off.

10-3-2 Inspection procedure

- 1. Check connector connection and peeling of PCB or bronze coating pattern when you think the PCB is broken.
- 2. The PCB is composed of 3 parts.
 - . Indoor Main part: MICOM and surrounding circuit, relay, fan motor sensing and driving circuit, temperature sensing circuit power circuit of SMPS, buzzer circuit. Communication circuit.
 - . Display part: LED lamp, Switch, Remote-control module.
 - . Outdoor Main part : MICOM and surround circuit, fan motor sensing and driving circuit, compressor driving circuit power circuit of SMPS, PFC control circuit, 4way circuit, communication circuit, OPTION.(EEV control circuit, temperature sensing circuit)

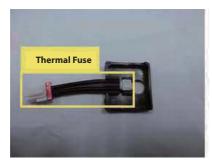
10-3-3 Indoor detailed inspection procedure

No	procedure	Inspection Method	Cause
1	Plug out and pull the PCB out of the control box Check the PCB fuse.	1) Is 1st fuse disconnected? 2) Is 2nd fuse disconnected?	. Over current Indoor Fan motor short AC part and pattern short of Indoor PBA.
		Check the power voltage	
	Supply power If the operating lamp	1) Is the BD71 input voltage 200Vac ~240Vac?	. Power cord is fault, Fuse open, Wrong Power cable Wiring, AC part is faulty.
2	twinkles at this time , the above 1)~3) have no relation.	2) Is the voltage between both terminal of C111(+)-(-) 12Vdc?	. Switching Trans of Power circuit is faulty.
		3) Is the voltage between both terminal of C118(+)-(-) 5Vdc?	. Power circuit is faulty, Load short.
		1) Is the voltage over DC 270V being imposed on terminal #1~#3 of fanmotor connector(CN72)?	. Fan motor of the indoor is faulty.
3	Press the ON/OFF button. 1. Fan speed(high) 2. Continuous Operation	2) The fan motor of the indoor unit doesn't run.	. Fan motor connector(CN72) is faulty.
	2. commusus operation	3) The power voltage between terminal #1-#3 of the connector(CN72) is 0V.	. PBA is faulty.

■ New Function [Indoor Terminal Block Safety Device]

1. Thermal Fuse is installed in Terminal Block as below.

(Thermal Fuse is used to prevent PL caused by a defective connection of indoor and outdoor units)

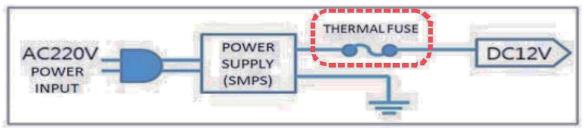


Terminal Block Internals



Connection of terminal block and Main PBA

- 2. Thermal Fuse is opened when internal temperature of Terminal Block goes to a certain point due to Tracking caused by a defective connection of indoor and outdoor units.
 - When Thermal Fuse is opened, Main PBA (DC12V) is turned off and the indoor unit does not operate. (There is no problem with Main PBA in this case)
 - In the above case, the change of all-in-one Terminal Block will make Main PBA operate again.



Circuit Block

3. Measurement method of fair/defective thermal fuse



Fai



Defective

10-30 Samsung Electronics

10-3 PCB Inspection Method

10-3-1 Pre-inspection Notices

- 1. Check if you pulled out the AC power plug when you eliminate the PCB or front panel.
- 2. Don't hold the PCB side not impose excessive force on it to eliminate the PCB.
- 3. Don't pull the lead wire but hold the whole housing to connect or disconnect a connector to the PCB.
- 4. In case of outdoor PCB disassembly, check first the complete discharge of condenser after 1 minute power off.

10-3-2 Inspection procedure

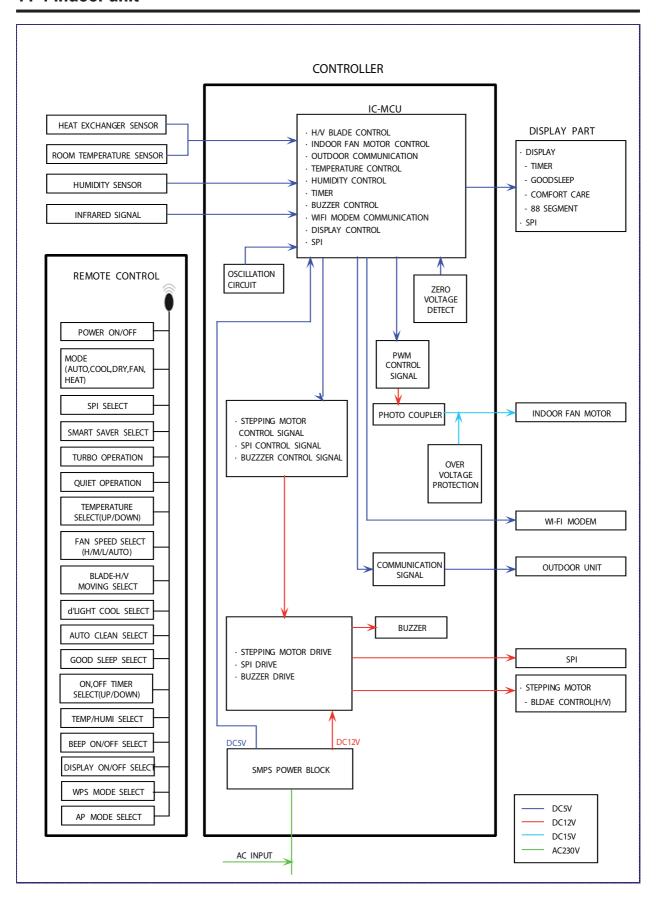
- 1. Check connector connection and peeling of PCB or bronze coating pattern when you think the PCB is broken.
- 2. The PCB is composed of 3 parts.
 - . Indoor Main part: MICOM and surrounding circuit, relay, fan motor sensing and driving circuit, temperature sensing circuit power circuit of SMPS, buzzer circuit. Communication circuit.
 - . Display part: LED lamp, Switch, Remote-control module.
 - . Outdoor Main part : MICOM and surround circuit, fan motor sensing and driving circuit, compressor driving circuit power circuit of SMPS, PFC control circuit, 4way circuit, communication circuit, OPTION.(EEV control circuit, temperature sensing circuit)

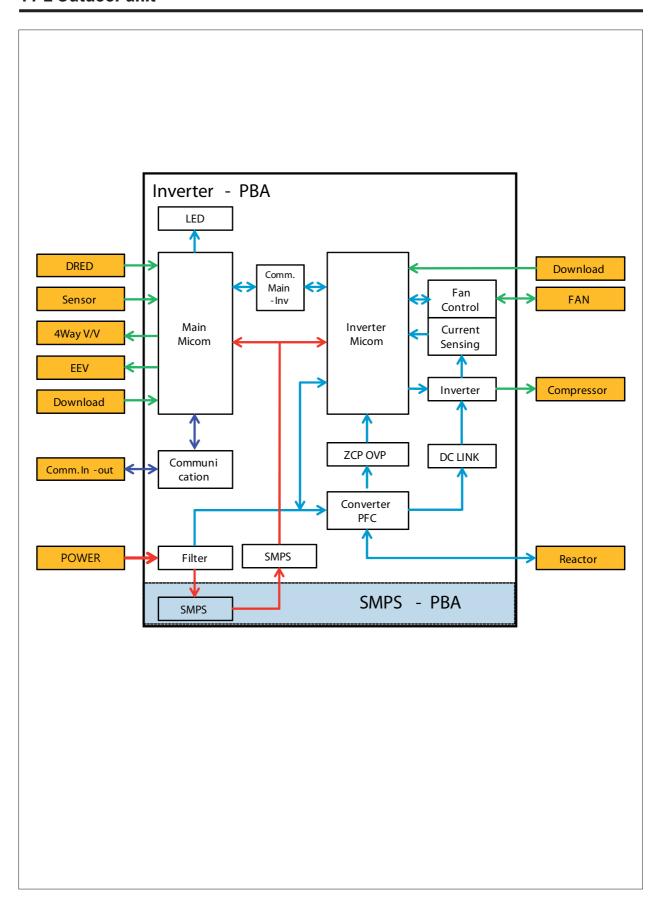
10-3-3 Indoor detailed inspection procedure

No	procedure	Inspection Method	Cause
1	Plug out and pull the PCB out of the control box Check the PCB fuse.	1) Is 1st fuse disconnected? 2) Is 2nd fuse disconnected?	. Over current Indoor Fan motor short AC part and pattern short of Indoor PBA.
		Check the power voltage	
	Supply power If the operating lamp	1) Is the BD71 input voltage 200Vac ~240Vac?	. Power cord is fault, Fuse open, Wrong Power cable Wiring, AC part is faulty.
2	twinkles at this time , the above 1)~3) have no relation.	2) Is the voltage between both terminal of C111(+)-(-) 12Vdc?	. Switching Trans of Power circuit is faulty.
		3) Is the voltage between both terminal of C118(+)-(-) 5Vdc?	. Power circuit is faulty, Load short.
		1) Is the voltage over DC 270V being imposed on terminal #1~#3 of fanmotor connector(CN72)?	. Fan motor of the indoor is faulty.
3	Press the ON/OFF button. 1. Fan speed(high) 2. Continuous Operation	2) The fan motor of the indoor unit doesn't run.	. Fan motor connector(CN72) is faulty.
	2. commusus operation	3) The power voltage between terminal #1-#3 of the connector(CN72) is 0V.	. PBA is faulty.

11. Block Diagram

11-1 Indoor unit





11-2 Samsung Electronics

11-2-1 Pre-inspection Notices

- 1. Check if you pulled out the AC power plug when you eliminate the PCB or front panel
- 2. Don't hold the PCB side not impose excessive force on it to eliminate the PCB
- 3. Don't pull the lead wire but hold the whole housing to connect or disconnect a connector to the PCB
- 4. In case of outdoor PCB disassembly, check first the complete discharge of condenser after 1 minute power off

11-2-2 Inspection procedure

- 1. Check connector connection and peeling of PCB or bronze coating pattern when you think the PCB is broken
- 2. The PCB is composed of 3 parts
 - Indoor Main part: MICOM and surrounding circuit, relay, fan motor sensing and driving circuit, temperature sensing circuit power circuit of SMPS, buzzer circuit. Communication circuit
 - Display part : LED lamp, Switch, Remote-control module
 - Outdoor Main part: MICOM and surround circuit, fan motor sensing and driving circuit, compressor driving circuit power circuit of SMPS, PFC control circuit, 4way circuit, communication circuit, OPTION (EEV control circuit, temperature sensing circuit)

11-2-3 Indoor detailed inspection procedure

No	Procedure Inspection Method		Cause
1	Plug out and pull the PCB out of the control box Check the PCB fuse	1) Is 1st fuse disconnected? 2) Is 2nd fuse disconnected?	. Over current . Indoor Fan motor short . AC part and pattern short of Indoor PBA
		Check the power voltage	
	Supply power If the operating lamp twin-	1) Is the BD71 input voltage 200Vac~240Vac?	. Power cord is fault, Fuse open, Wrong Power cable Wiring, AC part is faulty
2	kles at this time , the above 1)~3) have no relation	2) Is the voltage between both ter- minal of IC02 pin #1-#2 12Vdc?	. Switching Trans of Power circuit is faulty
		3) Is the voltage between both ter- minal of IC02 pin #2-#3 5Vdc?	. Power circuit is faulty, Load short
		1) Is the voltage over AC 180V being imposed on terminal #3-#5 of fan motor connector (CN72)?	. Fan motor of the indoor is faulty
3	Press the ON/OFF button 1. Fan speed(high) 2. Continuous Operation	2) The fan motor of the indoor unit doesn't run	. Fan motor connector(CN72) is faulty
		3) The power voltage between terminal #3-#5 of the connector(CN72) is 0V	. PBA is faulty

11-2-4 Outdoor detailed inspection procedure

No	Procedure	Inspection Method	Cause
1	Plug out and pull the PCB out of the control box Check the PCB fuse (Wait 3 minutes after power off)	1) Is 1st fuse disconnected?	. Over current . AC part and pattern short of Outdoor PBA
2	Check the Wiring	 Is the Compressor wire connected clockwise? Is the Reactor wire connected normal? Is the Fan wire connected normal? Is the 4way wire connected normal? Is the sensor wire connected normal? Is the EEV wire connected normal? 	. Wrong assembly . Installation(service) condition is bad
		Check the power voltage	
		1) Is the voltage between Terminal block L-N 200Vac~240Vac?	. Power cord is faulty, Wrong Power cable Wiring
	"Supply power and operate the set (Use Remote-control, button in indoor set)"	2) Is the C006 voltage 200Vac~240Vac?	. Fuse open . L,N,F1,F2 wire wrong wiring (Terminal Block-PBA)
		2) Is the CN150 voltage 200Vac~240Vac?	. Power circuit is faulty . Load short
3		4) Is the PFC050(#26-#27) voltage 200Vac~240Vac after 3 minutes later?	. Fuse open . L,N,F1,F2 wire wrong wiring (Terminal Block-PBA) . PTC020 open . RY021, RY022 is faulty . Outdoor Micom(IC201) error
		5) Is the CE101 voltage 280Vdc~320dc after 3 minutes later?	. PFC050 is faulty . Reactor wire is wrong connection . Power circuit is faulty, Load short . BLDC Fan motor error
		6) Is the voltage CN151 #1-#2 voltage 15Vdc?	. Switching Trans of Power circuit is faulty . Load short
		7) Is the voltage CN152 #1-#2 voltage 12Vdc?	. Switching Trans of Power circuit is faulty . Load short
		8) Is the voltage CN151 #3-#2 voltage 5Vdc?	. Switching Trans of Power circuit is faulty . Load short
4	Check the LED lamp display	1) Normal : RED on, GRN blink, YEL off 2) Abnormal - All off : check no power - abnormal display : check error mode	. F1,F2 wire wrong wiring . Outdoor PBA is faulty

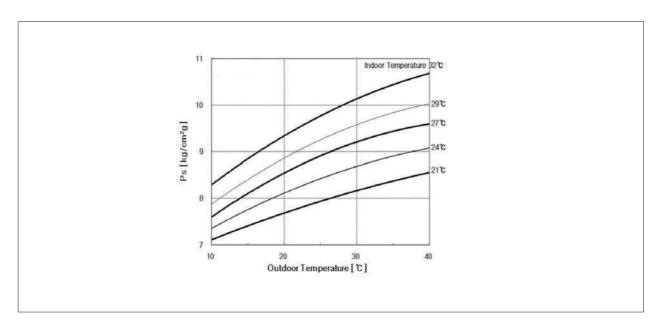
11-4 Samsung Electronics

12. Reference Sheet

12-1 Low Refrigerant Pressure Distribution

Note : Please measure the refrigerant pressure after the air conditioner operates on testing cooling mode during more than 10 minutes.

■ Indoor Temp. Variation: 20°C ~ 32°C
 ■ Outdoor Temp. Variation: -5°C ~ 45°C



12-2 Pressure & Capacity mark

■ Power/Heat

W	W cal/s kcal/h Btu/h HP		kg.m/s	lb.m/s		
1	1 0.23885		3.4121	0.001341	0.10197	0.73756
4.1868	4.1868 1 3.6 14.286 0.0056146		0.42693	3.088		
1.163	0.27778	1	3.9683	0.0015596	0.11859	0.85778
0.29307	0.06999	0.252	1	3.9302x10 ⁻⁴	0.029885	0.21616
745.7	178.11	641.19	2,544.4	1	76.04	550
9.8067	2.3423	8.4322	33.462	0.013151	1	7.233
1.3558	0.32383	1.0658	4.6262	0.0018182	0.13826	1

12-3 Q & A for Non-trouble

Classification	Class	Description			
	Q	The cooling is weak.			
	A	When it is hot outside, its cooling capacity decreases due to the increase of the ambient temperature. When the dust filter gets blocked or warm outside air gets in, the cooling capacity will decrease. So, make sure to clean the dust filter frequently, prevent heat loss by closing the doors and insulate the cooling area by using curtains, blinds, shades or window tinting.			
	Q	The cooling is good generally. But, it gets weak when it is considerably hot.			
Cooling	A	It occurs when the outdoor unit is exposed to direct sun light and heat-up air is not ventilated well. So, set up a sunblind over the outdoor unit and keep stuff away from the unit to increase the ventilation. When the cooling capacity decreases during a heat wave, clean the heat exchanger of the outdoor unit or spray some cold water to the heat exchanger to increase the cooling capability.			
Cooling	Q	The cooling is weak. Does it need refrigerant charging?			
	A	It is not correct charging refrigerant regularly. Except that you have moved in several times or the connection pipes are broken, the refrigerant does not run low. So, when refrigerant is additionally charged, it could be costly and cause a product's failure. When the refrigerant leaks, all of it will escape in a short time resulting in cooling failure and no water coming out of the drain hose. So, if water comes out from the drain hose, it indicates the normal operation of the product and it does not need refrigerant charging.			
	Q	It fails to do cooling.			
	Α	When the air conditioner is set to ventilation or the desired temperature is set higher than the current temperature, it fails to do cooling. In this case, select cooling or set the desired temperature lower.			
	Q	It floods the floor.			
	Α	Place the drain hose properly. When it is not placed properly, the drain water would flow back flooding the floor. So, straighten out the drain hose for the water to be drained well.			
	Q	Water drips at the drain connection (service valve) of the outdoor unit.			
Leakage	A	When a glass bottle is taken out of the refrigerator, moisture gets condensed on its surface due to the temperature differences. The same principle applies to the air conditioner. When cold refrigerant goes through the copper tube, moisture gets condensed on the surface of the tube and the connection areas. To prevent the water condensation, the pipes are insulated. But, the connection areas of the outdoor unit are not insulated for the purpose of maintenance or repair, and water gets condensed due to the temperature differences and drips down. Generally, it evaporates right away. But, when it drips much during muggy days, put a water pan on the floor.			
	Q	It leaks even though a drain pump is used.			
	A	It occurs when the drain pump is plugged out or it is out of order. Check the power of the drain pump and the position of the drain hose, and when the pump is faulty, contact the drain pump manufacturer. Samsung Electronics do not manufacture drain pumps. So, we are not able to correct the drain pump problems.			
	Q	Whenever the air conditioner is turned on, it irritates my eyes and gives me a headache.			
Smells	A	There are no components in the air conditioner irritating the eyes and sending out chemical smells. But, when the air conditioner is turned on, other smell sources are sucked into the air conditioner and get out of it. So find and root out the smell sources. Generally, it occurs at a interior renovated place, a pharmacy, a gasoline handling place, a tire shop, a second-hand book shop or an electronic component handling place, when its chemical or musty smells are sucked in and sent out, it can be misled that the air conditioner generates them.			

12-2 Samsung Electronics

Smells	Q Q A	Whenever the air conditioner is turned on, it stinks. When are no components in the air conditioner sending out chemical smells. But, when the air conditioner is turned on, other smell sources are sucked into the air conditioner and get out of it. So, find and root out the smell sources. Generally, when the drain hose is taken out to the washing room or there are sources of smells such as a diaper bin, a shoe shelf or a socks bin, bad smells generate. Also, it occurs where glass cleaners or air fresheners are used; when they are sucked in interacting with dusts and moistures inside, bad smells generate. these kinds of organic materials noxious to human bodies. So, we recommend against the use of them. Whenever the air conditioner is turned on, it smells sour. When the room is papered recently, its paste smells would be sucked inside. Also, when the air conditioner is installed in the study room of young boys loving sweat-generating activities such as the basketball, excessive sweats evaporate and get sucked into the air conditioner resulting in bad smells. So, find and root out problem or refresh the room frequently. Whenever the air conditioner is turned on, it smells musty.
Smells	Q A	tioner is turned on, other smell sources are sucked into the air conditioner and get out of it. So, find and root out the smell sources. Generally, when the drain hose is taken out to the washing room or there are sources of smells such as a diaper bin, a shoe shelf or a socks bin, bad smells generate. Also, it occurs where glass cleaners or air fresheners are used; when they are sucked in interacting with dusts and moistures inside, bad smells generate. these kinds of organic materials noxious to human bodies. So, we recommend against the use of them. Whenever the air conditioner is turned on, it smells sour. When the room is papered recently, its paste smells would be sucked inside. Also, when the air conditioner is installed in the study room of young boys loving sweat-generating activities such as the basketball, excessive sweats evaporate and get sucked into the air conditioner resulting in bad smells. So, find and root out problem or refresh the room frequently.
Smells	A Q	When the room is papered recently, its paste smells would be sucked inside. Also, when the air conditioner is installed in the study room of young boys loving sweat-generating activities such as the basketball, excessive sweats evaporate and get sucked into the air conditioner resulting in bad smells. So, find and root out problem or refresh the room frequently.
Smells	Q	tioner is installed in the study room of young boys loving sweat-generating activities such as the bas- ketball, excessive sweats evaporate and get sucked into the air conditioner resulting in bad smells. So, find and root out problem or refresh the room frequently.
Silielis		Whenever the air conditioner is turned on, it smells musty.
	Α	I · · · · · · · · · · · · · · · · · · ·
		It is due to the improper keeping of the product after its use. When keeping the product, dry up the inside with the operation of ventilation to prevent must. When the product is kept without drying up the inside with ventilation, mold would grow inside resulting in must. So, open the windows and switch on the ventilation function to get rid of the saturated smell inside.
	Q	Whenever the air conditioner is turned on, it sends out bad smells such as stale smells.
	A	It occurs generally when there are pet animals in the house. Their smells stay at the same place. But, when the air conditioner is turned on, the air gets circulated resulting in the circulation of the smells. So, find and root out the problem or refresh the room frequently.
	Q	It sends out bad smells.
	Α	When the air filter is filthy, it could send out bad smells. So, clean the filter and ventilate the room with the windows open while operating the ventilation function.
	Q	It won't start.
	Α	There is a power failure or it is plugged out. Also, check if the power distribution panel is switched off.
	Q	It goes off during operation.
	A	When the hot air does not escape properly, it goes off during operation. it occurs when it does not ventilate properly because the outdoor unit is covered, the back of the outdoor unit is blocked by a card-board or a plywood panel, and the front of the outdoor unit is blocked by the closed window or other obstacles. Clear the above obstacles from the outdoor unit.
	Q	It generally works properly. But, when it's considerably hot, it goes off during operation.
Operation	A	It occurs when the outdoor unit is exposed to direct sunlight and the hot air does not escape properly. Set up a sun blind over the outdoor unit and clear the neighboring obstacles from the outdoor unit to provide good ventilation. When it goes off frequently during a heat wave, it would prevent the turnoff and increase the cooling capacity cleaning the outdoor unit or spraying some water to the heat exchanger.
	Q	The remote controller won't operate.
	A	When the batteries run out or the transmitter or receiver of the remote controller is blocked by obstacles, change the batteries or keep the obstacles away from the controlling area. Also, the remote controller may mot work under intensive light from a 3-wave length lamp or a neon sign due to the EMI. In this case, take the remote controller closer to the receiver.

Classification	Class	Description
	Q	Who installs the air conditioner? (Relocation/Re-installation)
	A	When relocating or re-installing the air conditioner, make sure to contact Samsung Electronics Service Center or Authorized Service Agent and have them to do the job. (If not, it could cause personal injury or product damage.) The cost for the relocation/re-installation of the air conditioner is subject to the customer's expense. There is a cost table. But, our service engineer needs to visit to total up the cost correctly. When you move in, make sure to contact Samsung Electronics Service Center or Authorized Service Agent in advance to streamline the process.
	Q	Is it possible to install the outdoor unit outside?
Installation	A	It is possible to install it at a designated place in the apartment or on the rooftop nearby. But, it's illegal hanging an angle iron case with the outdoor unit in it outside the apartment. Also, it is illegal obstructing passers-by with the outdoor unit installed outside.
	Q	What can be done to install the outdoor unit facing the road because it is a commercial building?
	A	The following is an excerpt from building code going into effect from JUNE 1 st 2005. "The exhaust pipe of a cooling or ventilation facility installed in a building adjacent to the streets of commercial or residential areas shall bel installed higher than 2 m to prevent the exhaust air from blowing directly to passersby and the current facilities shall be corrected by MAY 31 st 2005." So, please install it higher than 2 m or not to blow the hot exhausting air directly to passers-by.
	Q	What about installing a windscreen during installation not to blow hot air directly to passers-by?
	A	When the hot air from the front of the outdoor unit is blocked, the product's performance will be affected and it will fail to operate properly. So, keep it at least 300mm away from its surrounding walls and give it good ventilation.

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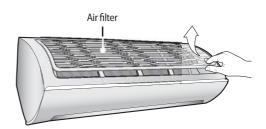
12-4 Cleaning /Filter Change

12-4-1 Cleaning your Air Conditioner

To get the best possible use out of your air conditioner, you must clean it regularly to remove the dust that accumulates on the air filter.

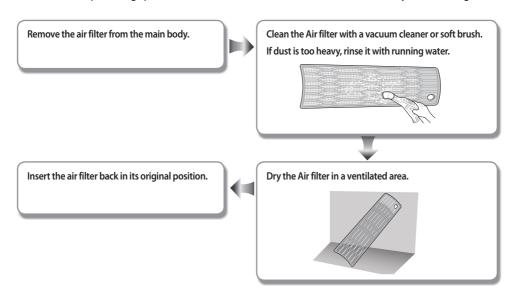
Removing the Air filter

There is a hole on the bottom right side of the filter. Put your finger in that hole to get a grip on the filter and slightly push it up to release the hooks from the bottom side. Then, pull it down to remove the filter from the main body.



Cleaning the air filter

Washable foam based air filter captures large particles from the air. The filter is cleaned with a vacuum or by hand washing.





- Clean the Air filter every 2 weeks. Cleaning term may differ depending on the usage and environmental conditions. In dusty area, clean it once a week.
- If the Air filter dries in a confined (or humid) area, odors may generate. If it occurs, re-clean and dry it in a well-ventilated area.
- When the filter clean reminder is on, please press the 2nd F button and then press the ECO Run button on remote controller.

12-5 Installation

12-5-1 Before Installation

Keep the air conditioner outlet and inlet free from its surroundings.

In case of installation, keep the symmetry and fix it to prevent vibration.

The pipe length shall meet the standard as far as possible.

12-5-2 Installation Procedure

■ Location

Install the product in an area to guarantee the best cooling effect, convenience of piping and electric work, and inexistence of vibration or wind.

■ Wall Drilling

Drill the wall downward in a diameter of 60 to 65mm.

■ Fixing Indoor Unit & Outdoor Unit

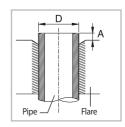
Fix the air conditioner indoor unit securely to the wall. Secure the outdoor unit in a suitable position.

■ Pipe Spooling & Connectingt

You shall cut the pipe with a pipe cutter and grind all the burrs of the cut surface. pipe expansion may continue until the pipe surface becomes uneven or torn apart. Be sure to use a torque wrench to tighten pipes or flare nuts.

<Torque & Depth>

Outer Diameter (D)	Torque(kgf·cm)	Depth(A)
ø6.35 mm(1/4")	140~170	1.3 mm
ø9.52 mm(3/8")	250~280	1.8 mm
ø12.70 mm(1/2")	380~420	2.0 mm
ø15.88 mm(5/8")	440~480	2.2 mm
ø19.05 mm(4/4")	9900~1,210	2.2 mm



■ Leak Test

Put an inset gas like nitrogen in the outdoor unit pipe and put soap bubbles or other test liquids on the pipe surface for the leak test.

■ Drain Hose Connecting

Install the drain hose downward to drain water naturally. Be sure to pour water into the hose to check if it drains well.

■ Electric & Earth Work

Electric and earth work shall meet the "Electric Facility Technology Standard" and the "Internal Wire Regulation" of the Electric Business Laws.

■ Inspection & Trial Run

Upon completion of the tests, you shall make a trial run while you explain the main functions of the air conditioner to finish the installation.

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12-6 Installation Diagram of Indoor Unit and Outdoor Unit

12-6-1 Air-Purge Procedure

1) Connect each assembly pipe to the appropriate valve on the outdoor unit and tighten the flare nut.



 Connect the charging hose of low pressure side of manifold gauge to the packed valve having a service port (3/8" Packed valve) as shown at the figure.



3) Open the valve of the low pressure side of manifold gauge counter-clockwise.



- 4) Purge the air from the system using vacuum pump for about 30 minutes.
 - After that, please recheck that pressure is stabilized.
 - Close the valve of the low pressure side of manifold gauge clockwise.
 - Remove the hose of the low pressure side of manifold gauge.



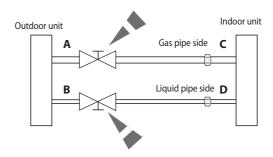
5) Set valve cork of both liquid side and gas side of packed valve to the open position.

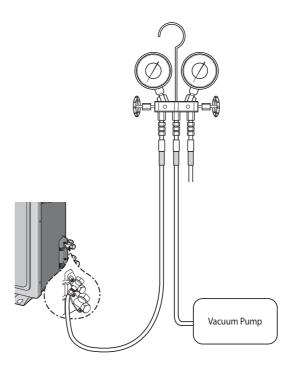


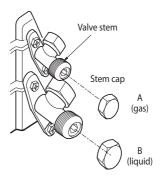
6) Mount the valve stem nuts to the 2 way and 3 way valve. And mount the service port cap to 3 way valve.



- 7) Check for gas leakage.
 - At this time, especially check for gas leakage from the 3 way valve's stem nuts, and from the service port cap.







12-6-2 "Pump down" Procedure

Pump down will be carried out when an evaporator is replaced or when the unit is relocated in another area.

3 way Valve

2 way Valve

1) Remove the caps from the 3 way valve and the 3 way valve.



 Turn the 3 way valve clockwise to close and connect a pressure gauge (low pressure side) to the service valve, and open the 3 way valve again.



3) Set the unit to cool operation mode. (Check if the compressor is operating.)



4) Turn the 3 way valve clockwise to close.



5) When the pressure gauge indicates "0" turn the 3 way valve clockwise to close.



6) Stop operation of the air conditioner.



7) Close the cap of each valve.



Relocation of the air conditioner

- \bullet Refer to this procedure when the unit is relocated.
- Carry out the pump down procedure (refer to the details of 'pump down').
- Remove the power cord.
- Disconnect the assembly cable from the indoor and outdoor units.
- Remove the flare nut connecting the indoor unit and the pipe.
- At this time, cover the pipe of the indoor unit and the other pipe using a cap or vinyl plug to avoid foreign material entering.
- At this time, cover the valve of the outdoor unit and the other pipe using a cap or vinyl plug to avoid foreign material entering.
- Make sure you do not bend the connection pipes in the middle and store together with the cables.
- Move the indoor and outdoor units to a new location.

• Disconnect the pipe connected to the outdoor unit.

• Remove the mounting plate for the indoor unit and move it to a new location.

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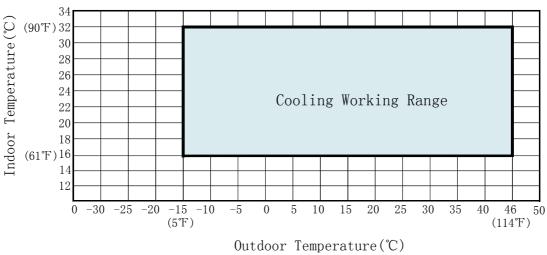
12 - 7 WORKING RANGE(AR09,12KSWSPWKNCV)

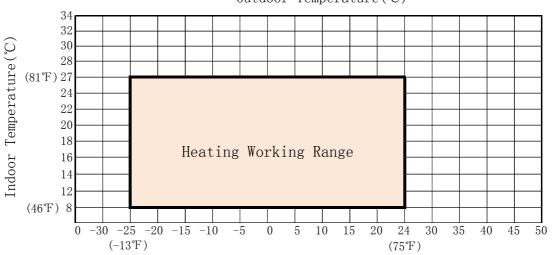
Cooling

ltem	Lower	Upper	Rated
Outdoor	-15°C (5°F)	46(114°F)	35°C(95°F)
Indoor	16°C(61°F)	32(90°F)	27℃(81 ℉)

Heating

ltem	Item Lower		Rated
Outdoor	-25℃(-13℉)	24°C(75°F)	7 ℃(45°F)
Indoor	8°C(46°F)	27℃(81°F)	20°C(68°F)





Outdoor Temperature(℃)

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12-8 Reference Sheet

Index for Model Name

Project model code for overseas from 2007(For RAC Export Models)

Model Code

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th
Pro	ject	Cap	acity	Sell	Fea	ture	Sei	ries	Co	lor	Unit	Exp	oort
Α	R	1	2	K	S	W	S	Р	W	K	N/X	С	V
Α	R	1	8	K	S	F	Р	D	W	Q	N/X	С	V

ITEM	1ST	2ND
RAC	Α	R
FAC	Α	F
WAC	Α	W

Item	Reference	3ТН	4TH
1	Export	0	9
2	Export	1	2
3	Export	1	8
4	Export	2	4
5	Export	3	0

Item	5TH
12Year	Е
13Year	F
14Year	Ι
15Year	7
16Year	K

Item	6TH
INVERTER HP	S
INVERTER CO	V

Item1	Item2	7TH				
Export	With WIFI but no virus doctor	W				
Export	NO virus doctor (the India / Latin America A / PAC K besides)					
Specia	Special instructions:					
Λ h a 4 Λ I	About AD**FCCCCUD/CA the ZTLL is "C" but there is no virue dector in these models					

About AR**FSSSCUR/SA ,the 7TH is "S", but there is no virus doctor in these models.

ltem1	ltem2	ltem3	ltem4	8TH
EXPORT	RAC	MALDIVES	Energy + A	Р
EXPORT	RAC	A3050	FMC STD(Good1)	S

9TH DIGIT				
port	1st MODEL	Α		
Export	2nd MODEL	В		
Export	3rd MODEL	С		
Export	14rd MODEL	Р		

Div.	Series	Project	Color Name	Division Component	10TH	11TH
A3050	S	Good1	DA White	Grille	W	K
Maldives	Р	Maldives	DA White	Grille	W	Q

Item1	Item2	12TH
Export	SET	/
Export	IN	Ν
Export	OUT	Х

Item	The existing code	The sales area	CIS Desription	The integrated code (13TH,14TH)
1	KCV	AMERICA	AMERICA(KCV)	CV

 \bullet Except the RAC Export Models for China.

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