## SERVICING PRECAUTIONS

#### AIR RECHARGING IN COMPRESSOR

Test the refrigeration system connecting it electrically before refilling operation. It is necessary to ascertain the function of the motor-compressor and identify the defects immediately. If defects have been found, empty the old system of possible R-134a residue by breaking off the end of the extension piece at its narrow point. (Figure 1) Replace the filter and any damaged components. Unsolder and pull off the piece remaining inside the service tube and then attach an complete extension with male Hansen and at last, solder it to the same tube again. (Figure 2)



It is necessary to execute the soldering operation with valve open so that the fumes caused by oil residue can come out freely without blowholes between two tubes during the heating the of the point to be soldered. The extension fitted with the male Hansen is connected to the female fitting of the vacuum pump tube. (Figure 3)



Air evacuating from the system begins as soon as the pump starts. The refrigeration system must be kept under vacuum until the reading on the low-pressure gauge indicates vacuum (0 absolute, -1 atm., -760 mm hg). In any case it is advisable to keep the pump running for about 30 minutes. (Figure 3)

If considerable leakage occurs, it will be necessary to stop the vacuum pump and to add a small quantity of Freon to the system. If vacuum should not be obtained (pressure gauge can't fail to 1 atmosphere), start the refrigeration unit and find the leakage with special leak-finder. When the defective soldering point is visible, repair it after opening the extension tube valve and reestablishing the normal outside pressure inside the group.

Because the melted alloy is sucked into the tubes and blocks them, the pressure must be rebalanced when vacuum is in the system when soldering. As soon as the vacuum operation is over, add the quantity in grams of R-134a to the refrigeration system. Remember that every system has an exact quantity of R-134a that can be added with a tolerance of  $\pm 5$  grams. (Figure 4)



Before performing this operation (if the vacuum pump and refilling cylinder are connected), make sure that the valve placed between the vacuum pump and the refilling tube is closed in order to keep the Freon for addition to the system. (Figure 5)



In addition, check the graduated scale on the cylinder for the quantity of R-134a to be added, for example, if we have 750 grams of Freon in the cylinder and must add 140 grams to the group, this amount will be reached when R-134a has dropped to 610 grams, remembering that the indicator shows a lower limit of meniscus. Do this after choosing the scale corresponding to the gas pressure different scales reported as the same gas pressure indicated by the pressure gauge on the top of the column. To make R-134a flow into the system, open the valve placed at the base of the cylinder connected to the filling tube. The amount of Freon cannot be added to the system all at once because it may cause a blocking of motorcompressor. Therefore, proceed by adding the original quantity of about 20-30 grams and close the valve immediately.

The pressure rises and the motor compressor must start sucking the gas and lowering the pressure again. Open the valve again, maintaining the same manner until reaching to the quantity of R-134a established for the system being charged. When the system is running, the suction pressure must be stabilized between 0.30 to 0.6 (0.10 to 0.4) atmosphere.

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# 2. PARTS IDENTIFICATION

#### FREEZER COMPARTMENT Freezer Shelf Automatic Ice Maker Ice Cube Box Freezer Door Bin Freezer Temperature **Control Dial** Door Cooling On the refrigerator door, the cold air passageway is **OFFLORIDATION** . Numerikani REFRIGERATOR installed to supply cold air to the doorside of COMPARTMENT the refrigerator Temperature compartment. **Control Dial** Lamp **Can Server** Sheives る **Dairy Corner** Egg Box Wine Rack Snack Corner Adjustable Door Bin **Refrigerator Door** Crisper Rack Used to keep fruits and vegetables fresh and crisp. Leveling Screw (Inside) **Base Grille** Push the grille toward the refrigerator until it snaps into place.

## 4. ADJUSTMENT

#### **4-1 COMPRESSOR**

#### 4-1-1 Role

The compressor intakes low temperature and low pressure gas evaporated from evaporator of the refrigerator, and condenses this gas to high temperature and high pressure gas, and then plays delivering role to condenser.

#### 4-1-2 Composition

The compressor includes overload protection. The PTC starter and OLP (overload protector) are outside the compressor. Since the compressor is manufactured to tolerances of 1 micron, and is sealed in a dust - and moisture - free environment, use extreme caution when repairing it.

#### 4-1-3 Note for Usage

- (1) Be careful not to allow over-voltage and over-current.(2) No Strike
- If applying forcible power or strike (dropping or careless handling), poor operation and noise may occur.
- (3) Use proper electric components appropriate to the Compressor.
- (4) Note to Keep Compressor.
- If Compressor gets wet in the rain and rust in the pin of Hermetic Terminal, the result may be poor operation and poor contact may cause.
- (5) Be careful that dust, humidity, and welding flux don't contaminate the compressor inside when replacing the Compressor. Dust, humidity, and flux due to welding which contaminates the cylinder may cause lockage and noise.

### **4-2 PTC-STARTER**

#### 4-2-1 Composition of PTC-Starter

- PTC (Positive Temperature Coefficient) is a no-contact semiconductor starting device which uses ceramic material consisting of BaTiO3.
- (2) The higher the temperature is, the higher the resistance value. These features are used as starting device for the Motor.

#### 4-2-2 Role of PTC-Starter

- (1) PTC is attached to Hermetic Compressor used for Refrigerator, Show Case, and starting Motor.
- (2) Compressor for household refrigerator applies to single-phase induction Motor.

For normal operation of the single-phase induction motor, in the starting operation flows in both main coil and sub-coil. After the starting is over, the current in subcoil is cut off. The proper features of PTC play all the above roles. So, PTC is used as a motor starting device.

#### 4-2-3 PTC-Applied Circuit Diagram

According to Starting Method for the Motor



#### 4-2-4 Motor Restarting and PTC Cooling

- For restarting after power off during normal Compressor Motor operation, plug the power cord after 5 min. for pressure balance of Refrigerating Cycle and PTC cooling.
- (2) During normal operation of the Compressor Motor, PTC elements generate heat continuously. Therefore, if PTC isn't cooled for a while after the power has been shut off, the motor will not restart.

#### 4-2-5 Relation of PTC-Starter and OLP

- (1) If the power is off during operation of Compressor and the power is on before the PTC is cooled, (instant shutoff within 2 min. or unplugging and reconnecting), the PTC isn't cooled and a resistance value grows. As a result, current can't flow to the sub-coil, the Motor can't operate, and the OLP operates by flowing over current in only in the main-coil.
- (2) While the OLP repeats on and off operation about 3-5 times, PTC is cooled and Compressor Motor performs normal operation.

If OLP doesn't operate when PTC is not cooled, Compressor Motor is worn away and causes circuitshort and fire. Therefore, always use a properly attached OLP.

### 4-2-6 Note to Use PTC-Starter

- (1) Be careful not to allow over-voltage and over-current.
- (2) Do not strike
  - Don't apply a forcible power or strike.
- (3) Keep apart from any liquid. If liquid, such as oil or water away enters the PTC, PTC materials may fail due to insulation breakdown of the material itself.
- (4) Don't change PTC at your convenience. Don't disassemble PTC and case. If the exterior to the PTC-starter is damaged, resistance value is altered and it may cause poor starting of the compressor motor may cause.
- (5) Use a properly attached PTC.

#### 4-3 OLP (OVERLOAD PROTECTOR)

### 4-3-1 Definition of OLP

- (1) OLP (OVERLOAD PROTECTOR) is attached to the Compressor and protects the Motor by cutting the current to the Motor if the temperature rises and activates the bimetal spring in the OLP.
- (2) When over-voltage flows to Compressor motor, the Bimetal works by heating the heater inside the OLP, and the OLP protects Motor by cutting off current which flows to the Compressor Motor.

#### 4-3-2 Role of the OLP

- (1) The OLP is attached to the Hermetic Compressor used for the Refrigerator and prevents the Motor Coil from being started in the Compressor.
- (2) Do not turn the Adjust Screw of the OLP in any way for normal operation of the OLP.
  - (Composition and connection diagram of OLP)



## **5. CIRCUIT DIAGRAM**



# 6. TROUBLESHOOTING

## 6-1 COMPRESSOR AND ELECTRIC COMPONENTS





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## 6-4 SERVICE DIAGNOSIS CHART

COMPLAINT	POINTS TO BE CHECKED	REMEDY
Cooling is impossible.	<ul> <li>Is the power cord unplugged from the outlet?</li> <li>Check if the power S/W is set to OFF.</li> <li>Check if the fuse of power S/W is shorted.</li> <li>Measure the voltage of power outlet.</li> </ul>	<ul> <li>Plug to the outlet.</li> <li>Set the switch to ON.</li> <li>Replace fuse.</li> <li>If voltage is low, correct wiring.</li> </ul>
Cooling ability is poor.	<ul> <li>Check if the set is placed close to wall.</li> <li>Check if the set is placed close to stove, gas cooker and direct rays.</li> <li>Is the ambient temperature high or the room door closed?</li> <li>Check if put in is hot.</li> <li>Did you open the door of the set too often or check if the door is closed up?</li> <li>Check if the Control is set to WARM.</li> </ul>	<ul> <li>Place the set with the space of about 10 cm (4 inches).</li> <li>Place the set apart from these heat appliances.</li> <li>Make the ambient temperature below.</li> <li>Put in foods after cooled down.</li> <li>Don't open the door too often and close it firmly.</li> <li>Set the control to mid-position.</li> </ul>
Foods in the Refrigerator are frozen.	<ul> <li>Is food placed in cooling air outlet?</li> <li>Check if the Dial is sat to COLD.</li> <li>Is the ambient temperature below 5°C?</li> </ul>	<ul> <li>Place foods in high temperature section. (Front Part)</li> <li>Set the dial to MID.</li> <li>Set the dial to WARM.</li> </ul>
Dew or ice forms inside the set.	<ul> <li>Is liquid food stored?</li> <li>Check if put in hot.</li> <li>Did you open the door of the set too often or check if the door is closed.</li> </ul>	<ul> <li>Seal up liquid foods with wrap.</li> <li>Put in foods after cooled down.</li> <li>Don't open the door too often and close it firmly.</li> </ul>
Dew forms in the Exterior Case.	<ul> <li>Check if ambient temperature and humidity of surroumcling air are high.</li> <li>Is there gap in the door gasket?</li> </ul>	<ul> <li>Wipe dew with a dry cloth. This occurrence is solved naturally in low temperature and humidity.</li> <li>Fill up the gap.</li> </ul>
Abnormal noise.	<ul> <li>Is the set positioned in a firm and even place?</li> <li>Are any unnecessary objects set in the back side of the set?</li> <li>Check if the Drip Tray is not firmly fixed.</li> <li>Check if the cover of mechanical room in below and front side is taken out.</li> </ul>	<ul> <li>Adjust the Adjust Screw, and position in the firm place.</li> <li>Remove the objects.</li> <li>Fix it firmly on the original position.</li> <li>Place the cover at the original position.</li> </ul>
Door does not close well.	<ul> <li>Check if the door packing is dirty with filth such as juice.</li> <li>Is the set positioned in a firm and even place?</li> <li>Is too much food putted in the set?</li> </ul>	<ul> <li>Clean the door packing.</li> <li>Position in the firm place and level the Adjust Screw.</li> <li>Keep foods not to reach the door.</li> </ul>
Ice and foods smell unpleasant.	<ul> <li>Check if the inside of the set is dirty.</li> <li>Did you keep fragrant foods without wrapping?</li> <li>It smells of plastic.</li> </ul>	<ul> <li>Clean the inside of the set,</li> <li>Wrap fragrant foods.</li> <li>The new products smells of plastic, but it will go away after 1-2 weeks.</li> </ul>

• In addition to the items described left, refer to the followings to solve the complaint.



## **6-5 REFRIGERATING CYCLE**

#### ▼ Troubleshooting Chart

CAUSE		STATE OF THE SET	STATE OF THE EVAPORATOR	TEMPERATURE OF THE COMPRESSOR	REMARKS	
LEAKAGE	PARTIAL LEAKAGE	Freezer compartment and Refrigerator don't cool normally.	Low flowing sound of Refrigerant is heard and frost forms in inlet only	A little higher than ambient temperature.	<ul> <li>Refrigerant level is low due to a leak.</li> <li>Normal cooling is possible when injecting of Refrigerant the regular amount.</li> </ul>	
	WHOLE LEAKAGE	Freezer compartment and Refrigerator don't cool normally.	Flowing sound of refrigerant is not heard and frost isn't formed.	Equal to ambient temperature.	<ul> <li>No discharging of Refrigerant.</li> <li>Normal cooling is possible when injecting of Refrigerant the regular amount.</li> </ul>	
CLOGGED BY DUST	PARTIAL CLOG	Freeze compartment and Refrigerator don't cool normally.	Flowing sound of refrigerant is heard and frost forms in inlet only.	A little higher than ambient temperature.	<ul> <li>Normal discharging of refrigerant.</li> <li>The capillary tube is faulty.</li> </ul>	
	WHOLE CLOG	Freezer compartment and Refrigerator don't cool.	Flowing sound of refrigerant is not heard and frost isn't formed.	Equal to ambient temperature.	<ul> <li>Normal discharging of Refrigerant.</li> </ul>	
MOISTURE CLOG		Cooling operation stops periodically.	Flowing sound of refrigerant is not heard and frost melts.	Lower than ambient temperature	<ul> <li>Cooling operation restarts when heating the inlet of capillary tube.</li> </ul>	
COMPRESSION	COMP- RESSION	Freezer and Refrigerator don't cool.	Low flowing sound of refrigerant is heard and frost forms in inlet only.	A little higher ambient temperature.	<ul> <li>Low pressure at high side of compressor due to low refrigerant level.</li> </ul>	
	NO COMP- RESSION	No compressing operation.	Flowing sound of refrigerant is not heard and no frost.	Equal to ambient temperature.	No pressure of high pressure part in the compressor.	

#### ▼ Leakage Detection

• Observe discharging point of refrigerant which may be in the oil discharging part in the compressor and hole of evaporator.



NO.	O. ITEMS		UNIT	STANDARDS	PURPOSES	REMARKS
1	1 Pipe and piping system opening time		Min.	Pipe: within 1 hour. Comp: within 10 minutes. Drier: within 20 minutes.	To protect moisture penetration.	The opening time should be reduced to a half of the standards during rain and rainy seasons (the penetration of water into the pipe is dangerous).
2	2 Welding		Nitrogen pressure	Weld under Nitrogen atmosphere. (N₂ pressure: 0.1~0.2 kg/cm²)	To protect oxide scale formation.	<ul> <li>Refer to repair note in each part.</li> <li>R-134a refrigerant is more susceptible to leaks than R-12 and requires more care during welding.</li> <li>Do not apply force to pipes before and after welding to protect pipe from cracking.</li> </ul>
3	N₂ sea parts	iled	Confirm N₂ leak	Confirm air leaking sounds when removing rubber cap. Sound: usable No sound: not usable	To protect moisture penetration.	<ul> <li>In case of evaporator parts, if it doesn't make sound when removing rubber cap, blow dry air or № gas for more than 1 min and use the parts.</li> </ul>
4	Refrige- ration	Evacuation time	Min.	More than 40 minutes	To remove moisture.	
	Gyüle	Vacuum degree	Torr	Below 0.03 (ref)		Note: Only applicable to the model equipped with reverse flow protect plate.
		Vacuum	EA	High and low pressure sides are evacuated at the same time for models above 200 /.		Vacuum efficiency can be improved by operating compressor during evacuation.
		Vacuum piping	EA	Use R-134a exclusive manifold.	To protect mixing of mineral and ester oils.	The rubber pipes for R-12 refrigerant shall be metted when they are used for R-134a refrigerant (causes of leak.)
		Pipe coupler	EA	Use R-134a exclusive.	To protect R-12 refrigerant mixing.	
		Outlet (Socket)		R-134a exclusive.	17	
		Plug		R-134a exclusive.	n	
5	5 Refrigerant weighing		EA	Use R-134a exclusively. Weighing allowance: ±5g Note: Winter: -5g Summer: +5g	Do not mix with R-12 refrigerant.	<ul> <li>Do not weigh the refrigerant at too hot or too cold an area. (77°F[25°C] is adequate.)</li> <li>Make Copper bombe (Device filling refrigerant) Socket: 2SV Plug: 2PV R-134a Note: Do not burn O-ring (bushing) during welding.</li> </ul>
6	6 Drier replacement			<ul> <li>Use R-134a exclusively for R-134a refrigerator.</li> <li>Use R-12 exclusively for R-12 refrigerator.</li> <li>Replace drier whenever repairing refrigerator cycle piping.</li> </ul>	To remove the moisture from pipe inside.	
7	7 Leak check			- Do not use soapy water for check. It may be sucked into the pipe by vacuum.	Defect refrigerant leak area.	<ul> <li>Check oil leak at refrigerant leak area. Use electronic leak detector if oil leak is not found.</li> <li>The electronic leak detector is very sensitive to halogen gas in the air. It also can detect R-141b in urethane. Practice many times before using this type of detector.</li> </ul>

## ▼ General Control of Refrigerating Cycle

## 7. OPERATION PRINCIPLE AND REPAIR METHOD OF ICE MAKER

This manual describes function of models adhering Ice Maker.

### 7-1 OPERATION PRINCIPLE

#### 7-1-1 Operation principle of Ice Maker



- 1. Turning the ice-making stop switch off stops ice-making function of the ice-maker and thus no ice is made .
- 2. Ice-making function stops at the time of selecting ice-making function and release of the ice-making function allows to perform the initial control function again.



\* Make sure the switch on the ice maker assy is turned "on".

#### 7-2 Function of Ice maker

#### 7-2-1 Initial control function

- 1. The level of the ice-removing tray (ice-removing container) after completing the MICOM initialization in the initial POWER ON, returning to electricity failure and turning-off of ice-making stop switches. Namely, detection lever operates up and down.
- 2. The level of ice-removing container is detected with high / low output signal of hall sensor. In another words, operation is performed in order to keep a level by operating ice-removing motor so that high or low voltage could be applied in the MICOM PIN.
- 3. No signal change of hall sensors until a minute after operating the ice-removing motor should be considered as failure. In this case, stop the automatic ice-remover and then reset the ice-maker initialization if considered as normal after performing continuous check in a cycle of an hour.
- 4. Keeping of the ice-removing tray (ice-removing container) should be considered initial control is completed.

#### 7-2-2 Water supply control function

- Supply water into the ice-removing tray by operating the ice solenoid placed at the machine room of refrigerator using the time check function if considered as the level is kept after performing a horizontal operation of the ice-making tray after the ice-removing control (normal ice-removing control, ice-removing control of test function) is completed.
- 2. The quantity of water supply is determined by supplying water for a constant using the dip switch.

#### <Water Supply Quantity Table>



3. The change of the quantity of water supply setting may be done according to the changed time even after changing it without powering off. In the change of dip switch during water supply, it is done according to the water supply time previously established and then done according to the additionally changed time from the next water supply.



\* Make sure it is adjusted to meet the line indicating the adequate amount of water supply.

#### 7-2-3 Ice-making control function

- Ice-making control is related with when considered as water within ice-making tray (ice container) turns into ice completely after completing water supply operation and performs ice-making completion operation by detecting temperature of ice-making tray. (ice-making sensor is mounted on the bottom of the ice-making tray).
- 2. Ice-making control begins after completing water supply control or initial control.
- 3. It is considered that ice-making is completed if temperature of ice-making sensor arrives at -6°C after 60 minutes pass from the time water is supplied to the ice-making tray.
- 4. It is considered that ice-making is completed if temperature of ice-making sensor arrives at below -7°C after 10 minutes pass at the above status.

#### 7-2-4 Ice-removing control function

- 1. Ice-removing control means operation to separate ice within ice-making tray (ice-making container) after ice-making is completed.
- 2. Step to check ices stored at the ice bank (container for storing ice) are fully filled. It is considered as they are fully filled if signals of the hall sensor are at the On status ("high") before 3.6seconds after rotating positively the ice-making motor. In this case, the ice-making motor remains at the waiting status without performing ice-removing function. Perform ice-detecting operation after rotating positively the ice-making motor in the cycle of an hour if the full ice status is detected. Perform water supply control function after completing ice-removing function in the short of ices stored. Reversely rotating the ice-removing motor in the storage of full ices and then let the motor stop at the position of the ice-making or waiting status.
- 3. Ice-removing control performs ice-removing operation immediately if ices stored at the ice bank (container for storing ice) are not fully filled (the hall sensor are at the Off status ("low") within 3.6seconds after rotating positively the ice-making motor). In this case, it positively rotates (CW) the ice-removing motor and keeps the ice-making tray at the maximum distortion status and makes ices be separated from the ice-making tray. In this case, ice-detecting lever automatically operates lifting operation with ice-removing operation.
- 4. tce-removing control positively rotates (CW) the ice-removing motor and stops it for a second as it considers as maximum distortion point (ice-detecting axle = 160°) if the sensor signal changes from the Off status ("low") to the On status ("high") after 3.6 seconds pass.
- 5. Ice-removing control positively rotates (CW) the ice-removing motor at the cycle of an hour if problems in ice-making motor or hall sensor are found and performs initial operation or operates initialization of product if normal.
- 6. Ice-removing control stops for a second at the maximum distortion status of the ice-removing tray (container for storing ice).
- 7. Step that the ice-removing tray stops for a second and then returns to the level. It returns to the level status returns to the ice-removing tray by reversely rotating the ice-making motor.
- 8. The cycle of "water supply → ice-making → ice-removing → returning to the level" if becoming the level status.



<Timing chart for ice-removal>

#### 7-2-5 Test Function

- 1. Function used compulsory operation for the purpose of performing operation test, service and cleaning. This test function is performed if pressing the test switch mounted on the automatic ice-maker itself for 0.5 second or more.
- 2. The test button operates when the test function is not input but at the level status. It does not perform ice-removal control and water supply control if ices are full during operation of test function
- 3. Pressing the test button for more than 0.5 seconds at the level the status immediately performs ice-removing operation irrespective of the ice generation conditions of the ice-making tray. Caution shall be exercised as water may overflow if operating the test function at the water status that ice-making is not done. A cycle of water supply is performed at the level adjusting operation after ice-removing operation. Therefore, the test button allows to check problems in ice-removing operation, level operation and water supply.
- The test function operates in the normal cycle of ice-making → ice-removal → returning to the level → water supply if water supply is completed.



\* To check on the amount of water being supplied, press the Test button. (Hold for 0.5 seconds)

7-3 Failure diagnosis method of ice maker



#### 7-4 Explanation of ice maker circuits

7-4-1 Power circuit



The secondary party of transformer consists of power (12Vdc) for driving display and relay and power (5Vdc) supplying power to MICOM and IC.

In this case, voltage at each part is as follows:

Part	Both ends of VA1	Both ends of CE2	Both ends of CE3
Voltage	115Vac	12Vdc	5Vdc

VA1 is parts for preventing over-voltage and noise and plays a role of protecting elements of the secondary part of transformer as the inside of element becomes short and is broken and power fuse is cut off when power of more than 175V is applied.

#### 7-4-2 Vibration circuit



Circuit used for synchronous clock generation for transmitting/receiving information of the inside logic elements of IC and basic time generation for calculating time. Rated parts must be used as counting time is changed at the IC1 or the OSC1 does not operate if SPEC would be changed.

#### 7-4-3 Reset circuit



The reset circuit is a circuit that initializes various parts such as RAM, etc inside of the MICOM (IC1) and starts the whole of function from the initial status and 'low' voltage is applied for a constant time (10ms) at the reset terminal of the MICOM at the start of power input.

The reset terminal is at 5V during general operation (the MICOM does not operate in the defect of the reset IC).

## 7-4-4 Load drive circuit

1. Load drive status check



Load Type		Water Valve	
Measureme	ent Location	۸	
Condition	ON	1V below	
Condition	OFF	12V	,

#### 7-4-5 ICE MAKER drive/circuit



This circuit is a circuit used to embody functions such as ice-removing, full-ice detection, level noise, and ice-making temperature detection of ice-making tray (ice-making container).

7-5 Main PWB Assembly and Parts List 7-5-1 MAIN PWB



## 7-5-2 Replacement Part List

HA.         DWC. HO.         DESCRETION         SPEC         MAKER         REMAIN           1         8870.82039         PMEJMAIN         FR-([05-1107A)         DOO S.M         1=1.6           2         6170.82002         TRANS PCB         117V.02.15V         T& SUMC         TRANS           3         8630.880046         WAFER         SMW250-04         CON1         CON2           5         6630.880040         SMW250-04         CON2         CON2         CON2           6         6630.880040         SMW250-04         CON1         CON2         CON2         CON2           6         6630.880040         SMW250-04         CON4         CON2         CON2         CON2         CON2           7         022.820040         MCMATOR         (1)84778037         ROHM         CON4         CON2           9         0RH178120A         REGULATOR         (1)8477812T         ROHM         IC2         CON2           10         0RE704200A         RESET         IC         BMR-0101D         KCA27D-42P         K.E.C         IC4           11         572-0001728         RESONATOR         CST4.000407         L         JIN         (4212A           15         6102.88003A	DWG. H.O.         DESCRPTION         SPEC         MAKER         REMARK           8870.82033         PMB,MAIN         FR-I(DS-1107A)         DOO SAM         t=1.6           6170.82002         TRANS PCB         117V.0:15V         TAE SUNC         TRANS           8830.890016         WAFER         SMW250-08         CON1         CON2           6630.890046         SMW250-04         CON3         CON3         CON2           6630.890046         SMW250-04         CON3         CON3         CON3           08C7805000         REGULATOR         (1)8A178051         ROHM         IC2         CON3           08C7805000         REGULATOR         (2)KA785057         REC         IC4         CON2           08C7805000         REGULATOR         CST4.00040FM         IC2         C4           08C7805000         RESET IC         GMR-01010         KURNO         RY1           570-000728         RELAY         GST4.00040FM         MURATA         GSC1           6102.890074         (1)INR140271 IL JIN         VA1         SM27200028           6102.890078         VARISTOR         CST4.00040FM         (2)ROHM         DS           6102.890074         (2)INR140271 IL JIN         VA1         SM2720080000						
1         8670.82039         PWB,MAIN         RR-I(DS-1107A)         DOD S.M         I=1.6           2         6170.82002         RANS PCB         1117V.0:15V         TAE SUMC         TRANS           3         6630.880040         WAFER         SIMV25D-04         CON1           5         6630.880040         SMV25D-04         CON2         CON2           6         6630.880040         SMV25D-04         CON2         CON2           7         0Z2.82004         MORT PLANS PCB         TMP87C403N         TOSHBA         IC1           8         SRE780506         REGULATOR         (1)BA178037         ROHM         IC2         IC3           9         ORE7980506         REGULATOR         (1)BA178027         ROHM         IC2         IC3           10         0RE708000A         RESET         IC         MAR 70.42P         K.E.C         IC4           11         9         ST2-000128         RESONATOR         CST4.00049         MIRATA         OSC1           15         6102.880018         VARISTOR         CST4.00049         MIRATA         OSC1           15         5102.880018         VARISTOR         CST4.00049         MIRATA         OSC1           16 <td< td=""><td>8870.82039         PMB,MAIN         R=-([05-1107A)         DOU SAN         t=1.6           6170.82002         TRANS PCB         117V.0.15V         TAE SUNG         TRANS           6530.880016         WAFER         SIW250-08         CON1         CON1           6530.880016         SW250-08         EON HO         CON2         CON3           0022.82004         MCOM CHP         TMP87C409N         T053BA         ICI-00282006           0807.780506         REGULATOR         (1)8A178057         ROHM         IC2           0807.780506         REGULATOR         (1)8A178121         ROHM         IC2           0807.7900728         REGULATOR         (1)8A178121         ROHM         IC2           0807.7000728         RELAY         GSN-1         OMRON         RY1           570-000728         GST4.00040FH01         MURATA         OSC1         (42124080028)           572-00070         (1)INR140271         L         JIN         VA1           6102.88007A         (2)SIN140271         L         JIN         VA1           6102.88007B         (2)SIN140271         L         JIN         VA1           6102.88007B         (2)SIN140271         L         JIN         VA1</td><td>HQ,</td><td>DWG. NO.</td><td>DESCRIPTION</td><td>SPEC'</td><td>MAKER</td><td>REMARK</td></td<>	8870.82039         PMB,MAIN         R=-([05-1107A)         DOU SAN         t=1.6           6170.82002         TRANS PCB         117V.0.15V         TAE SUNG         TRANS           6530.880016         WAFER         SIW250-08         CON1         CON1           6530.880016         SW250-08         EON HO         CON2         CON3           0022.82004         MCOM CHP         TMP87C409N         T053BA         ICI-00282006           0807.780506         REGULATOR         (1)8A178057         ROHM         IC2           0807.780506         REGULATOR         (1)8A178121         ROHM         IC2           0807.7900728         REGULATOR         (1)8A178121         ROHM         IC2           0807.7000728         RELAY         GSN-1         OMRON         RY1           570-000728         GST4.00040FH01         MURATA         OSC1         (42124080028)           572-00070         (1)INR140271         L         JIN         VA1           6102.88007A         (2)SIN140271         L         JIN         VA1           6102.88007B         (2)SIN140271         L         JIN         VA1           6102.88007B         (2)SIN140271         L         JIN         VA1	HQ,	DWG. NO.	DESCRIPTION	SPEC'	MAKER	REMARK
2         6170J82002         TRANS PC8         117V,0:15V         TAE SUME         TRANS           3         6630J80006         WAFER         SUW25D-08         CON1           5         6630J80006         SMW25D-08         YEM H0         CON2           6         6630J80006         SMW25D-04         YEM H0         CON3           7         02220204         MICOM CHP         TINP37C403N         TOSHBA         IC1           8         0RE780506         REGULATOR         (1)BA178027         RCHM         IC2           9         0RE704200A         REGULATOR         (1)BA178121         RCHM         IC4           11         657-000728         RESET IC         SMR-0101D         KOBERN         RY1           12         570-000728         CST4.00049         MIRATA         OSC1         GSC1           13         6102J88003A         (1)NR140271 IL         JIN         VAISTOR         (2)NC710-14A         SAMHAA           15         5102J88003A         (2)NC720-144         SAMHAA         (2)NC710-14A         SAMHAA           16         572-00001C         (1)NR140271 IL         JIN         VA1         SAMHAA           16         502J8003A         (2)NC7070-14A	6170.062.002         TRANS PCB         1117V.O.15V         TAE SUNG         TRANS           6630.060016         WAFER         SIW250-08         CON1           6650.060046         SIW250-09         REC           687.7000506         CHATOR         C198.77.001           692.02003         RELAY         CST4.004/GW         RY1           570-000728         CST4.004/GW         MURATA         CSC1           6102.080078         VARISTOR         CST4.004/GW         MURATA           <	1	6870,82039	PWB,MAIN	FR-1(DS-1107A)	doo san	t=1.6
3         6630,880016         208-TI-309-24)         JAE         EUN         CON1           4         5         6630,880046         SMW250-08         CON2         CON2           5         6630,880040         SMW250-04         CON3         CON2         CON2           7         622,8220044         HICOM CHP TMPS7C409N T0SHBA (CL)         CON2         CON2         CON2           0         0R67795056         CUNATOR         CUPAT785057         RECL         IC3         CON4         CHP TMPS7C409N T0SHBA (CL)         IC2           9         0R677950506         REGULATOR         CUPAT785057         RECL         IC4         EC4         CANCON (CL)         IC4         EC4         CANCON (CL)         IC4         EC4         CANCON (CL)         IC4         EC4         CANCON (CL)         IC4         EC4         IC4         EC4         IC4         IC4 <td>853.0890016         220-11-12(9-24)         JAFE EUH         CON1           653.0890046         SMW250-04         CON2         CON3           663.0890046         SMW250-04         TOSH64         CON2           663.0890046         SMW250-04         TOSH64         ICI-402282004           007.02.0004         MICOR CHP         TMP87C409N         TOSH64         ICI-402282004           007.010000         REGULATOR         (1)8A178037 RECL         IC2         ICI-402282004           007.0100000         RESCT IC         KLA70-422P         K.E.C         ICI-402282004           007.0100000         RESCT IC         STA-0004GW         MURATA         (-6222080028)           577-00072         CST4.0004GW         MURATA         (-6222080028)           577-00073         CST4.0004GW         MURATA         (-6222080028)           577-00074         (1)INR140271 IL         JIN         OSC1           6102.890074         (2)INR140271 IL         JIN         DS           6102.890074</td> <td>2</td> <td>6170,/82002</td> <td>TRANS PCB</td> <td>1: 117V,0: 15V</td> <td>tae sung</td> <td>TRANS</td>	853.0890016         220-11-12(9-24)         JAFE EUH         CON1           653.0890046         SMW250-04         CON2         CON3           663.0890046         SMW250-04         TOSH64         CON2           663.0890046         SMW250-04         TOSH64         ICI-402282004           007.02.0004         MICOR CHP         TMP87C409N         TOSH64         ICI-402282004           007.010000         REGULATOR         (1)8A178037 RECL         IC2         ICI-402282004           007.0100000         RESCT IC         KLA70-422P         K.E.C         ICI-402282004           007.0100000         RESCT IC         STA-0004GW         MURATA         (-6222080028)           577-00072         CST4.0004GW         MURATA         (-6222080028)           577-00073         CST4.0004GW         MURATA         (-6222080028)           577-00074         (1)INR140271 IL         JIN         OSC1           6102.890074         (2)INR140271 IL         JIN         DS           6102.890074	2	6170,/82002	TRANS PCB	1: 117V,0: 15V	tae sung	TRANS
4         WAFER         SLIW25D-08         CON2           5         6630,880046         SMW25D-04         CON3           7         022,82044,MICOM CHP TUP97C409N T05H8A (CI(-00)         CON3           8         0871780508         REGULATOR         (1)8A178057         ROHM           9         0811781204         REGULATOR         (1)8A178057         ROHM           9         0817781204         REGULATOR         (1)8A178127         ROHM           10         080704200A         RESET IC         KIA 704-2P K.E.C         IC4           11         92082003A         RELAY         CST4.0046W         RY1           12         570-000128         RESONATOR         CST4.0046W         RY1           13         6102,880078         (2)NR140271         L. JIN         (4212A           15         6102,880078         (2)NR140271         L. JIN         (4212A           15         6102,880078         (2)NR140271         L. JIN         (4212A           16         572-000010         (1)NR140271         L. JIN         (2)NR140271         L. JIN           15         6102,880078         (2)NR140271         L. JIN         (2)NR140271         L JIN           16         572-000010	6630.880040         WAFER         SNW250-04         CON2           6630.880040         SNW250-04         CON3           6670.1720.000         CII-12200         CII-12200           0RC7812006         REQUATOR         CII-121 ROHM           920.82003A         RELAY         GSN-1         OMRON           650-1000726         RESONATOR         CST4.0004GW         MURATA           6102.88003A         RELAY         CST4.0004GW         MURATA           6102.88003A         CIINR1404271 L         JIN           6102.88003A         CIINR1404271 L         JIN           6102.88003A         CIINR1404271 L         JIN           6102.88003A         CIINR140271 L         JIN           6102.88003A         CIINR140271 L         JIN           600.480003A         DIP         S/X           0004040060         SRUEVE IC         B	3	<b>56.30,188001</b> 8		£200-11-02(\$P-2,4)	jae Eun	CON1
J.         J.         J.         J.         CON2         CON2           6         6530,880,40         SMW250-04         CON3         CON3           7         022,800,44, MICOM         CHIP TUP97CAON         TOSHBA         ICI.(-00           0         0RF1781200,6         CON41780,505         ROHH         ICI.(-00           9         0RF1781200,6         CHIP TUP97CAON         TOSHBA         ICI.(-00           10         0RE791200,6         CHIP TUP97CAON         TOSHBA         ICI.(-00           11         920,8200,30         RELAY         CST4.004,07         REC         ICI.(-00           11         570-00012,8         RESONATOR         CST4.004,07         MURATA         (-621,4)           15         1012,8800,18         VARISTOR         CST4.004,07         MURATA         (-621,4)           15         1012,890,18         VARISTOR         CJINR140,221         L. JIN         VARISTOR           15         1012,890,18         VARISTOR         CJINR140,221         L. JIN         VARISTOR           16         572-00001D         (JISV27D-144, SAMHWA         (2)         DI-D         DI-D           15         1012,890,03         CISV27D-144, SAMHWA         (2)         D	CDN2         CDN2           6630.B80040         SMW250-04         FEN H0         CON3           0627.B20044         WEON H0         CON3         CON3           067.H780506         CULATOR         TIPB7C409N 105H8A         ICI-02282044           067.H780506         CULATOR         CULATOR         IBAT7805T         RCHM           067.H780506         REGULATOR         IBAT7805T         RCHM         IC2           067.H780506         REGULATOR         IDAT7805T         RCHM         IC2           067.H780506         QUPC7812AHF         NEC         IC3           067.H001000         RESET IC         KIAT0-422P         K.E.C         IC4           0600101000         RESET IC         SMR-0101         KODR94         QSC1           572-000124         RESONATOR         CST4.00MCW         MURATA         QSC1           6102.860018         VARISTOR         (1)NR140271         L         JIN           572-00010         (1)SVC270-144         SAMHWA         DI~04           6102.860018         QARCHES         MAHA         DI~04           600.4606023         DIP         S/V         DP         OTAX         SW1           002.86003A         DIP         S/	4	6630,890040	WAFER	SWW250-08		00110
0         EXAMPLATION         SMW250-04         CON3           7         7222820044         MICCM CHP         TMP87C409N         T053H84         IC(I-40           8         GRC780506         CIIDATTOSTRAHA         IC3         IC3           9         GRH178120A         REGULATOR         (1)8A1795057         RCH         IC3           10         GRC780500A         RESET         IC         IC4         IC4         IC4           11         29042003A         RESCH IC         KIA7042P         K.E.C         IC4           11         2570-000128         RESONATOR         CST4.004CW         MURATA         (C422A           13         577-00012         (1)INR140471         IL         JIN         VA1           15         610248007B         VARISTOR         (2)INR140621         JIN         VA1           16         577-000010         (1)SVC27D-144         SAMHAA         (2)ROMAA         (2)ROMAA         (2)ROMAA           17         00041480666         STREW IDDE         1N4140271         L         JIN         VA1           16         60024900030         DIP S/V         IC         BA8222         AO         DIP-D           17         0004480666	SIMP250-04         CON3           0IZZ82004A         MICON CHP         TMP87C409N         T03H8A         ICI(-0IZ8200H)           0IZZ82004A         MICON CHP         TMP87C409N         T03H8A         ICI(-0IZ820H)           0IRT705050         REGULATOR         (2)/07/7505P         RECH         IC3           0IRT701020A         REGULATOR         (2)/07/7505P         RECH         IC3           0IRT701020A         RESET         IC         HIR-0101D         IC2           0IRT701020A         RESET         IC         HIR-0101D         IC2           0IRT701020A         RESCH IC         CST4.00A/GW         MILRATA         OSC1           577-00012A         CST4.00A/GW         MILRATA         OSC1         (2I204002B)           577-00012A         CST4.00A/GW         IL         JIN         OSC1           6102.08001B         VARISTOR         CST4.00A/GW         MILRATA         OSC1           6102.08001B	۱ <u>۵</u>	6620 bace 10			YEON HO	CONZ
/         //         22.202.2044         INDERTIFICATION CAPT TARPACCION TOSHAA (C)[-0]           0         0047780506         (1)0047780507         RCHM         IC3           9         0047781200A         REGULATOR         (2)R077850597         RCHM         IC3           10         0047781200A         RESET IC         (I)DA1780121         ROHM         IC2           10         0047791200B         RELAY         GSN-1         OMRON         RY1           11         570-00012A         RESET IC         CST4.00040W         MURATA         OSC1           13         570-00012A         RESANTOR         CST4.0004W         MURATA         OSC1           14         5102.88001B         VARISTOR         (2)SVC710-14A         SAMHAA         (4212A)           15         6102.88001B         VARISTOR         (2)SVC710-14A         SAMHAA         (41           16         570-00001C         (1)INR140621 IL         JIN         VA1         (2)SVC710-14A         SAMHAA           14         6102.88003A         (2)INR140271 IL         JIN         VA1         (2)SVC710-14A         SAMHAA           16         5102.88003A         (2)INR140271 IL         JIN         VA1         (2)SVC710-14A         SAMHAA <td>ALLDE CAPAPI MICLIN COPI   IMP3 / CAOSIN (DSSHB)   CL1=002.82006           GRET/360500         REGULATOR         (1)BA17803T ROHM           GRET/805000         REGULATOR         (1)BA17803T ROHM         (C2           GRET/812001         REGULATOR         (1)BA17803T ROHM         (C2           GRET/812002         REGULATOR         (1)BA17803T ROHM         (C2           GRET/812003         RESCT IC         KLA7O-422P         K.E.C         (C4           GROMONDA         RESCH IC         GSN-1         OMRON         RY1           S7D-000728         CST4.0004GW         MURATA         (c52/060028)           S77-000701         (1)INR140.621 IL         JIN         (c52/060028)           S77-000702         (1)INR140.621 IL         JIN         0SC1           GROMONSC         MCRECIPEE         IN4148         SAMHWA         VA1           S72-00070         (1)SVC270-144         SAMHWA         D5           GROMONSC         MCRECIPEE         IN4004         (2)PC mA         D1~04           GROMONSC         MCRECIPEE         IN4004         (2)PC mA         SW1           GROMONSC         MCRECIPEE         IN4004         (2)PC mA         SW1           GROMONSC         MCRECIPEE         IN4004</td> <td></td> <td>00000000000000000000000000000000000000</td> <td></td> <td>5MW250-04</td> <td></td> <td>CONS</td>	ALLDE CAPAPI MICLIN COPI   IMP3 / CAOSIN (DSSHB)   CL1=002.82006           GRET/360500         REGULATOR         (1)BA17803T ROHM           GRET/805000         REGULATOR         (1)BA17803T ROHM         (C2           GRET/812001         REGULATOR         (1)BA17803T ROHM         (C2           GRET/812002         REGULATOR         (1)BA17803T ROHM         (C2           GRET/812003         RESCT IC         KLA7O-422P         K.E.C         (C4           GROMONDA         RESCH IC         GSN-1         OMRON         RY1           S7D-000728         CST4.0004GW         MURATA         (c52/060028)           S77-000701         (1)INR140.621 IL         JIN         (c52/060028)           S77-000702         (1)INR140.621 IL         JIN         0SC1           GROMONSC         MCRECIPEE         IN4148         SAMHWA         VA1           S72-00070         (1)SVC270-144         SAMHWA         D5           GROMONSC         MCRECIPEE         IN4004         (2)PC mA         D1~04           GROMONSC         MCRECIPEE         IN4004         (2)PC mA         SW1           GROMONSC         MCRECIPEE         IN4004         (2)PC mA         SW1           GROMONSC         MCRECIPEE         IN4004		00000000000000000000000000000000000000		5MW250-04		CONS
8         CRE2000000000000000000000000000000000000	Contraction         Contraction <thcontraction< th=""> <thcontraction< th=""></thcontraction<></thcontraction<>	1	UZZJEZOU4A	MICOM CHIP	TMP87C409N	TOSHBA	IC3(=00224820048)
9         0RH178120A CMC7912008         REGULATOR FLULATOR         (1)BA178121 (UPC7912AHF         RCHM         IC2 (UPC7912AHF         IC2 (UPC7914AHF         IC2 (UPC7914AHF <thic2 (UPC7914AHF         IC2 (UPC7914AHF<td>ORH1781204 GNE7812008 GNE7812008 GNE7812008 RELAY         (1)BA178121 ROHM UPC7812AHF NEC         (C2           ONE704200A GNE704200A RELAY         (K1A7042P K.E.C BMR-01010 KODK9H GNE701010 KODK9H CSN-1         (C4           J576-000124 GS72-000128 S77-000128 GNE70400170 GNE7040001 GNE70400170 GNE70400170 GNE70400170 GNE70400170 GNE70400170 GNE704000170 GNE7040001 GNE704000170 GNE704000170 GNE7040001 GNE704000170 GNE7040001 GNE70400001 GNE7040001 GNE7040001 GNE7040001 GNE7040001 GNE</td><td>8</td><td>OKE780500A</td><td>REGULATOR</td><td>(2)KIA78S05P</td><td>KEC</td><td>1C3</td></thic2 	ORH1781204 GNE7812008 GNE7812008 GNE7812008 RELAY         (1)BA178121 ROHM UPC7812AHF NEC         (C2           ONE704200A GNE704200A RELAY         (K1A7042P K.E.C BMR-01010 KODK9H GNE701010 KODK9H CSN-1         (C4           J576-000124 GS72-000128 S77-000128 GNE70400170 GNE7040001 GNE70400170 GNE70400170 GNE70400170 GNE70400170 GNE70400170 GNE704000170 GNE7040001 GNE704000170 GNE704000170 GNE7040001 GNE704000170 GNE7040001 GNE70400001 GNE7040001 GNE7040001 GNE7040001 GNE7040001 GNE	8	OKE780500A	REGULATOR	(2)KIA78S05P	KEC	1C3
Image: Control of the contro	UP-C/B12AHF         NEC           088704200A         RESET         KIA7042P         K.E.C           090010100         RELAY         GSN-1         OMRON           570-000728         RELAY         GSN-1         OMRON           570-000728         RESONATOR         CST4.0004CW         MURATA           570-000728         CST4.0004CW         MURATA         OSC1           570-000728         CST4.0004CW         MURATA         OSC1           6102.080078         CST4.0004CW         MURATA         OSC1           6102.080078         CARISTOR         CST4.0004CW         MURATA           6102.080078         CARISTOR         CST4.0004CW         MURATA           6102.080078         CARISTOR         CST4.0004CW         MURATA           6102.080078         CARISTOR         CST4.0004CW         MURATA           6102.080078         CARISTOR         CST4.0004         MURATA           6102.080078         CARISTOR         CST4.0004         MURATA           6102.080078         CARISTOR         CST4.0004         MURATA           600400302         MOE_ECTIPE         IN4042         MURATA         CE1           0004040905         MOE_ECTIPE         IN4004         (SR	9	ORH17812DA	REGULATOR	(1)BA17812T	ROHM	1C2
(IRCODUTIODA         ENR0101D         Koopest         CV           11         6920.82003A RELAY         65N-1         OMRON RVI         RYI           12         570-000128         CST4.00MGW (4820A20007A)         CST4.00MGW (1)INR140471 IL JIN (2)SKC4710-114         SAMHWA (4820A           13         572-000128         CST4.00MGW (1)INR1404271 IL JIN (2)SKC4710-114         SAMHWA (2)SKC4710-114         SAMHWA (2)SKC4710-114         VA1           15         6102.880018         VARISTOR (1)SKC270-144         SAMHWA (2)INR140271 IL JIN (2)SKC4710-114         DI -D           16         572-00010         (1)SKC270-144         SAMHWA (2)INR140271 IL JIN (2)SKC470         DI -D           17         0D041480668         SITUBIC DDE IN4149         DI -D         D         D           18         000409050         DD05/251         IA         SWI         D         D           19         9500.88003A         DI P S/V         3P.DIP         OTAX         SWI         D         D           20         0001071H638         22004/735V         CE1         CE2	OKODI0100A         Summer of Display and Disp	10	OKE704200A	RESET IC	KIA7042P	K.E.C	IC4
11         #92AB2003A RELAY         CSN-1 (MRON RY1         OMRON RY1         RY1           12         570-000128 FRESONATOR (STA.000H) FRI (STA.000H) F	6920AB2003A B7D-000728         RELAY         CSN-1         OMRON RY1           576-000728         ESONATOR         CST4.00MCW (ST4.00MCW)-IR1         NURATA (CST4.00MCW)-IR1         OSC1 (-6212A090028)           577-0000728         ESONATOR         CST4.00MCW-IR1         L         JIN           6102.0800784         (1)INR140471         L         JIN           6102.0800784         VARISTOR         (2)SVC270-144         SAMHWA           6102.0800784         VARISTOR         (2)SVC270-144         SAMHWA           6102.0800784         VARISTOR         (2)INR140271         L         JIN           6102.0800784         VARISTOR         (2)INR140271         L         JIN           6102.0800784         VARISTOR         (2)INR140271         L         JIN           6102.0800784         SITCHE DOE         1N4148         (3)P C         DE           6004004050         D005.601764         IAOO4         (3)P C         DE           6002.0003A         DIP         S/V         SPLIP         DT-24           6002.0004         DRIVE         IC         BA6222         ROH         DI           6022.0016318         BLF         CAPUE/ZSV         ISM HM         CE4           00247716183	<u> </u>	OKDD10100A		8MR-0101D	KODENSHI	
12         570-000128         CST4.00407W         MURATA         OSC1           13         670-000128         CST4.00407W         MURATA         OSC1           13         670-000128         CST4.00407W         MURATA         OSC1           13         670-000128         CST4.00407W         L         JIN           14         6102,880018         VARISTOR         CSINGEP-HA SAMHWA         VARISTOR           15         6102,880018         VARISTOR         CSINGEP-HA SAMHWA         VARISTOR           16         572-00001D         (USVC27D-HA SAMHWA         D5         CSINGEWA           16         572-00001D         (USVC27D-HA SAMHWA         D5         CSINGEWA           17         0004140086         SWIDBE DOE         1N4148         (UP c         D5           17         0004040090C         DDE/ACTER         1N4004         CSINGEWA         SWID           18         0004004090C         DDE/ACTER         1N4004         CSINGEWA         SWID           21         0022300 DRIVE/ IC         BA222X         ROM         SWID         CE1           22         00C109161618         2200/F/35V         CE2         CE2         CE3           22         00C22314009 <td>L576-D00724 JS70-000725         CST4.0004GW (2514.000079-1761         ULIRATA (-6212A090028)           S72-000705 (6102A89007A)         (1)INR140-471 L (2)SVC478-144 SAMHWA (2)SVC270-144 SAMHWA (2)SVC270-144 SAMHWA (2)INR1402271 L (2)SVC270-144 SAMHWA (2)INR1402271 L (2)SVC270-144 SAMHWA (2)INR1402271 L (2)SVC478-144 SAMHWA (2)INR140271 L (2)SVC478-144 SAMHWA (2)INR140271 L (2)SVC478-145 SAMHWA (2)INR140271 L (2)SVC478-145 SAMHWA (2)INR140271 L (2)SVC48-144 SAMHWA (2)INR140271 L (2)SVC48-144 SAMHWA (2)INR140271 L (2)SVC48-144 SAMHWA (2)INR140271 L (2)SVC48-144 SAMHWA (2)INR14004         D5           d004040305C         B002,6CTFF81 (N44004         IN4004         (3)F 6 (2)RC48-1</td> <td>11</td> <td>6920JB2003A</td> <td>RELAY</td> <td>G5N-1</td> <td>OMRON</td> <td>RYI</td>	L576-D00724 JS70-000725         CST4.0004GW (2514.000079-1761         ULIRATA (-6212A090028)           S72-000705 (6102A89007A)         (1)INR140-471 L (2)SVC478-144 SAMHWA (2)SVC270-144 SAMHWA (2)SVC270-144 SAMHWA (2)INR1402271 L (2)SVC270-144 SAMHWA (2)INR1402271 L (2)SVC270-144 SAMHWA (2)INR1402271 L (2)SVC478-144 SAMHWA (2)INR140271 L (2)SVC478-144 SAMHWA (2)INR140271 L (2)SVC478-145 SAMHWA (2)INR140271 L (2)SVC478-145 SAMHWA (2)INR140271 L (2)SVC48-144 SAMHWA (2)INR140271 L (2)SVC48-144 SAMHWA (2)INR140271 L (2)SVC48-144 SAMHWA (2)INR140271 L (2)SVC48-144 SAMHWA (2)INR14004         D5           d004040305C         B002,6CTFF81 (N44004         IN4004         (3)F 6 (2)RC48-1	11	6920JB2003A	RELAY	G5N-1	OMRON	RYI
1-6         570-000122         CST4.004CH-T21         40011 A         (+612AA           1.3         677-000102         CST4.004CH-T21         L         J1N           1.4         6102.080019         VARISTOR         (1)INR140.471 IL         J1N           1.5         6102.080019         VARISTOR         (1)INR140.621 L         J1N           1.5         6102.080019         VARISTOR         (1)INR140.621 L         J1N           1.6         572-000010         (1)SVC27D-144. SAMHWA         (2)RCMWA           1.7         00041.480665         STRUER 0002         1N4.14.8         (1)P c         (2)RCMWA           1.8         000400409C 0005.6201765         1N400.4         (2)RCMWA         (2)RCMWA         (2)RCMWA           1.8         000400409C 0005.6201765         1N40.04         (2)RCMWA         (2)RCMWA         (2)RCMWA           2.0         00210408000.0         DI P.S./V         32.001/7.35V         CEI         (2)RCMWA         (2)RCMWA           2.1         0022304.0         DI P.S./V         32.001/7.35V         CEI         (2)RCMWA         (2)RCMWA         (2)RCMWA           2.2         0021071458         22.001/7.35V         CEI         (2)RCMWA         (2)RCMWA         (2)RCMWA         (2)RCMW	570-000128         CST4.004CH_TR         (~6212A090028)           577-0000126         (1)INR14D471 L_JIN         (~6212A090028)           577-0000126         (1)INR14D471 L_JIN         (2)SVC710-144         SAMHWA           6102.890016         (2)SVC710-144         SAMHWA         (2)SVC710-144         SAMHWA           6102.890017AV         (1)INR14D271 L_JIN         VA1         (2)SVC710-144         SAMHWA           6102.890017A         (2)SVC710-144         SAMHWA         (2)SVC710-144         SAMHWA           6102.890017A         (2)SVC710-144         SAMHWA         (2)SVC710-144         SAMHWA           6102.890017A         (2)SVC710-144         SAMHWA         (2)SVC710-144         SAMHWA           6102.89003A         DIP         SAMHWA         (2)SVC710-144         SAMHWA           60040409C         00004F/25V         CE1         CE1         CE1           600222000         DR1/VE         IC         BA222         NHM         IC           02512216186         1020UF/25V         CE1         CE2         CE1           02510711638         LF CAPACINF         223/25V         IV         SM           0251071638         LF CAPACINF         223/25V         IV         SM <td< td=""><td>12</td><td>J570-D0012A</td><td>RESONATION</td><td>CST4.00MGW</td><td></td><td>OSC1</td></td<>	12	J570-D0012A	RESONATION	CST4.00MGW		OSC1
13         572-0001C         (1)INR140471         L         JIN           14         6102,880018         VARISTOR         (2)SVC710-144         SAMHWA           15         6102,880018         VARISTOR         (1)NR140621         L         JIN           15         6102,880018         VARISTOR         (1)SVC270-144         SAMHWA           16         572-000010         (1)SVC270-144         SAMHWA         (2)SVC270-144         SAMHWA           17         60041480685         SITUBEC BODE         IN41445         (1)P c         D5           18         600409002         DDC/CETPEF         IN4004         (1)SVC270-144         SAMHWA           18         600409002         DDC/ECTPEF         IN4004         (1)SVC210-144         SMITHWA           20         000409002         DDC/ECTPEF         IN4004         (1)SVC210-144         SMITHWA           20         000409002         DDC/ECTPEF         IN4004         (1)SVC210-144         SWITHWA         CE1           20         0021071H538         2200LF/35V         CE1         CE2	ST2-0001C (+6020807A)         (1)INR140471         L         JIN           St2-0001C (+6020807A)         (2)SVC210-144         SAMHWA (2)SVC210-144         VA           St2-0001D (1)SVC210-144         SAMHWA (2)SVC210-144         VA           St2-0001D (1)SVC210-144         SAMHWA (2)SVC210-144         VA           St2-0001D (1)SVC210-144         SAMHWA (2)INR14D221         JIN           CD0400403C (2)SVC210-144         SAMHWA (2)INR14D271         D5           CD0400403C (2)R014         SAMHWA (2)INR14D271         D5           CD0400403C (2)R014         SMTUBE BC (2)R014         D1-D4           S000400403C (2)R014         SMTUBE BC (2)R014         D1-D4           S000400403C (2)R014         SWT         D5           S001400403C (2)R014         SWT         D5           S00220004         D1-V         SWT         D5           CC2238648         22004/35V (2)R014         CE1         CE2           CC21071H538         22004/16V (2)R014         CE4         CE4           CC2231H408         M1         223/100V         SBL         CM1-CM3           CC2231H408         M1         223/25V         T4E         YANG           CC2231H408         M1         A7K         1/4W         R6	' <sup>2</sup>	J570-000t 29	INCOURAIUR	CST4.00MCW-TF01	AL ANDR	( <del>~6</del> 212AQ9002B)
1-3         K-BIZXB075A)           14         \$102,88001B           15         \$102,88001B           15         \$102,88001B           15         \$102,88001B           16         \$772-00001D           \$15         \$102,88001B           16         \$772-00001D           \$102,88001B         \$22500271-144           16         \$772-00001D           \$102,88003A         \$(2)INR140271 H	(+6/02/46/75A)         VARISTOR         (2)SVC4710-144         SAM+WA           6102.09001A         VARISTOR         (1)INR14D621         L         JIN           6102.09001A         (2)SVC6710-144         SAM+WA         VA1           577-000010         (1)SVC2710-144         SAM+WA         VA1           6102.09003A         (2)INR140271         JL         JIN           000400405C         D005/ECTF65         IN41048         (0)P c.         D5           000400405C         D005/ECTF65         IN4004         (3)P c.         D1~D4           680048003A         DIP         S/W         3P.DIP         OTA         SW1           000400405C         D005/ECTF65         IN4004         (3)P c.         D1~D4           680048003A         DIP         S/W         3P.DIP         OTA         SW1           000407405C         D005/F25V         DE         CE1         CE2           0025071H638         B/E CAPACTRR         2200/F/35V         CE3         CE4           00252271F338         2200/F/16V         CE3         CC1~C1         CE1           002522304908         EF         CAPACTRR         223/100V         SEL         CM1~CM3           02520105608         CA		572-00001C		(1)INR140471	IL JIN	
14         6102.880018         VARISTOR         (1)NR140621         L         JN           15         6102.88001A         (2)SV0270-144         SAMHWA         (2)SV0270-144         SAMHWA           16         572-000010         (1)SV02710-144         SAMHWA         (2)INR140271         JL         JIN           17         0004148088         SIRTUME BOX         (2)INR140271         JL         JIN           17         0004148088         SIRTUME BOX         IN4148         (1)P c. (2)SV02710-144         D5           18         000400902         D002,401090         BIN         CO         (2)INR140271         JL         JIN           19         6600.88003A         DIP - S         VA         SMI         D1         D2         D2         D2         D2         D2         D2         D2         D2         D2         D2 <td< td=""><td>6102.0890016         VARISTOR         (1)NR1406221 L JIN         VA1           6102.090010         (2)SNC5210-144         SAMHWA         VA1           872-000010         (1)SNC2710-144         SAMHWA         DS           6102.09003A         (2)INR140271 L JIN         DS           0004040062         D005,6017651         IN4148         (1)P c D         DS           0004040062         D005,6017651         IN4148         (1)P c D         DS           0004040062         D005,6017651         IN4148         (1)P c D         DS           00040040902         D005,6017651         IN4148         (1)P c D         DS           00040040902         D005,6017651         IN41004         (1)P c D         DS           00040040902         D005,6017651         IOOUF/25V         CE1         CE2           00051271638         2200,0F/25V         CE3         CE2         CE3           0052271638         2200,0F/25V         CE4         CE4         CE4           0052201608         EF CAPACINF         102/25V         TAE YANG         CC1~C1~C13           00510204908         EF CAPACINF         223/100V         SEL         CM1~CM3           0051004608         EF CAPACINF         223/100V</td><td>13</td><td>(=6102N09075A)</td><td></td><td>(2)SVC4710-14A</td><td>SAMHWA</td><td></td></td<>	6102.0890016         VARISTOR         (1)NR1406221 L JIN         VA1           6102.090010         (2)SNC5210-144         SAMHWA         VA1           872-000010         (1)SNC2710-144         SAMHWA         DS           6102.09003A         (2)INR140271 L JIN         DS           0004040062         D005,6017651         IN4148         (1)P c D         DS           0004040062         D005,6017651         IN4148         (1)P c D         DS           0004040062         D005,6017651         IN4148         (1)P c D         DS           00040040902         D005,6017651         IN4148         (1)P c D         DS           00040040902         D005,6017651         IN41004         (1)P c D         DS           00040040902         D005,6017651         IOOUF/25V         CE1         CE2           00051271638         2200,0F/25V         CE3         CE2         CE3           0052271638         2200,0F/25V         CE4         CE4         CE4           0052201608         EF CAPACINF         102/25V         TAE YANG         CC1~C1~C13           00510204908         EF CAPACINF         223/100V         SEL         CM1~CM3           0051004608         EF CAPACINF         223/100V	13	(=6102N09075A)		(2)SVC4710-14A	SAMHWA	
15         6102.88001A         VARISTOR         (2)SVC210-14A         SAMHWA           16         572-000010         (1)SVC2710-14A         SAMHWA           17         2004148068         SMICHING KODE         (1)SVC2710-14A         SAMHWA           17         2004148068         SMICHING KODE         (1)SVC2710-14A         SAMHWA           18         0004049052         MODELECTIFIE         (1)4148         (1)* c         (1)* c           19         560048000A         DIP S/W         SP.DIP         OTXA         SWI           20         0004049052         MODELY E         DA62222         ROHM         (10)         CE1           21         00522056458         2200uF/35V         CE1         CE2         CE2         CE2           23         0051071H536         1000UF/25V         CE3         CE4         CE4         CE4           25         0052237H536         2200UF/16V         CE3         CE3         CE4         CMICHING         CE4           26         0052237H638         470uF/25V         CE4         CMICHING         CE4           27         0002231H648 (Mt ' CMADRR         223/25V         TAE YANG         CE4           30         0001048H906	6102.89001A         VARUSTOR         (2)SVC5210-144 SAMFWA           6102.89003A         (2)INR14D271 JL_JIN         D5           6102.89003A         (2)INR14D271 JL_JIN         D5           600404009C 0005_60176F1         1N4148         (1)F c         D5           60040009C 0005_60176F1         1N4004         (3)F c         D1~D4           600400409C 0005_60176F1         1N4004         (3)F c         D1~D4           600400130         DIT > S/W         SWI         C5         C2           002220500         DRTVE IC         BA8222         ROHW         IC5         C2           00220716818         470uF/25V         CE1         C22         C2         C2 <td>14</td> <td>6102JB8001B</td> <td></td> <td>(1)INR14D621</td> <td>IL JIN</td> <td></td>	14	6102JB8001B		(1)INR14D621	IL JIN	
16         572-00000 610288003A         (1)SW2270-14         SAMPHA SAMPHA           17         0D041480665         STEUBE DOE         1N4145         (1)P c (2)ROM         D5           18         00040480665         STEUBE DOE         1N4145         (1)P c (2)ROM         D5           18         00040480665         STEUBE DOE         1N4145         (1)P c (2)ROM         D5           19         650048003A         DIP S/V         3P,DIP         0TAX         SW1           20         0850048003A         DIP S/V         3P,DIP         0TAX         SW1           21         0621071H518         2200LF/35V         CE1         CE2           23         0521071H518         2200LF/35V         CE3         CE4           24         052271F638         220/F/35V         CE4         CA1/V           25         0521071H518         102/25V         CE3         CE4           26         0520	Б72-00001         (1)SV62710-144 SAMHWA           61024800034         (2)INR140271 jL         JIN           0D041460668         SRTXBE DOE         1N414B         (2)RCM         D5           0D040400502         D005/6017 jL         JIN         D1~D4         600-8020           00040040502         D005/6017 jL         JIN         D1~D4         600-8020         D1~D4           00040040502         D005/6017 jL         SM1         D1~D4         600-8020         D1~D4           0004022004         DIP         S/V         3P.DP         OTAX         SM1           0004022004         DRI/VE         IC         BA8222         RoH         IC5           002510311618         10000/F/25V         CE1         CE2         CE1         CE2           002510711638         2200/F/35V         CE3         CE2         CE1         CE2           002510711638         2200/F/16V         CE3         CE3         CC1~1~2         CE1         CC2           00252311408         IN1 CPACTR         223/25V         TAE YANG         CC1~1~2         CC1~1~2           0C31040608         104/50V         SE         CE1 *1         CC1~12         CC1~12         CC1~12           0C31046608	15	6102.00001A	VARISTOR	(2)SVC8210-14A	SALMWA	VA1
16         FIGURATION         CONTRACT         Contract <thcontract< th="">         Contract         <thc< td=""><td>International and the second second</td><td><u>⊢</u></td><td>572-0000*0</td><td>1</td><td>(1)SVC27ID-144</td><td>SALIHWA</td><td></td></thc<></thcontract<>	International and the second	<u>⊢</u>	572-0000*0	1	(1)SVC27ID-144	SALIHWA	
Image: Construct of the construction of the	CE/MINITION / ILC. STR           CD041480868         SRTUBIE DOE         IN4148         (1)P C. (1)P C. (2)ROHM           C004040030C         N00E/ECTEPS         IN4148         (1)P C. (2)ROHM         D5           600400130C         N00E/ECTEPS         IN4004         (2)ROHM         D1-D4           600400130C         N00E/ECTEPS         IN4004         (2)ROHM         D1-D4           600400130C         N00E/ECTEPS         IN4004         (2)ROHM         D1-D4           600400122200A         DRIVE         IC         BA6222         ROHM         ICC           0021071H638         2200LF/3SV         CE1         CE2         CE2         CE1           0021071H638         L2 CMACK         1000/F/2SV         CE4         CE4         CE4         CE4           0022071H638         L2 CMACK         470E/2SV         CMM RM         CE4         CE4<	16	6102.58003A	1	(2)INR140271	G 114	
17         DD041480686 SIRTERING KODE         IN4148         (I)P c (2)ROHU         UD5 (2)ROHU           18         0004009CC         DD0E/ECITIESI         IN4004         (2)P c (2)ROHU         DI-D- (2)ROHU           19         6500/88000A         DIP S / V         3P,DIP         OTAX         SW1           20         0084822200A         DRI VE         IC         BA8222         ROHU         IC5           21         00522884918         2200uF/35V         CE1         C         CE2           22         0051071H638         E2 DOUT/25V         CE2         CE2           24         005477H918         2200uF/35V         CE3         CE3           25         005227H91838         2200uF/16V         CE3         CE3           25         005227H91838         2200uF/16V         CE3         CE4           26         00527H91838         223/100V         SEL         CM1~           28         0001029H908         102/25V         E         CM1~           30         0001029H908         104/50V         CC1~         SR           31         30 R020010608         RCH8001 RIM         22X J         J         K         R7.R%           33         R02001060	CD044400666         SRR3ME 000E         1N4148         (1)* C         UD           000400409C         D005CE0TRES         1N4004         (2)* C         D1~D4           000400409C         D005E0TRES         1N4004         (2)* C         D1~D4           000400409C         D005E0TRES         1N4004         (2)* C         D1~D4           000400409C         D01F         S/V         3P.DIP         OTA         SW1           0084022200A         DRIVE         IC         BA6222         ROHM         IC5           0022200A         DRIVE         IC         BA6222         ROHM         IC5           00251071H638         2200F/35V         CE1         CE2         CE2           00264771H638         470F/25V         USM MM         CE4           0025227H538         2200F/16V         CE3         CC1~CM3           002473H408         IN1_CP/25V         CM1~CM3         CC1~CM3           00240908         D1         223/100V         SEL         CM1~CM3           0024049006         I04/50V         CC1~12         CC1~12           0024049006         I04/50V         CC1~12         RC4           0024006024608         R_CARB0N FUH         A.7K         1/4W <td><u> </u></td> <td></td> <td>1.</td> <td></td> <td></td> <td>DE</td>	<u> </u>		1.			DE
16         000400490C 3000 JEUTRA 114004         1/20104           19         8600480003 DIP S/V         3P.DIP         074X         SW1           20         0800480003 DIP S/V         3P.DIP         074X         SW1           21         062236496         22004/735V         CE1         CE2           23         0521071H38         8E* CAPACTRI         1000uF/25V         USM HM         CE4           24         0524771H518         470uF/25V         CSM TM         CE3         CE3           26         052271F338         220UF/16V         CE3         CE4         CM1/2           26         0522701638         102/25V         TM         CM1/2         CM1/2           28         05010230496         102/25V         TM         C1/4/2         CC1/-           31         32         0700682409         68J         1/2/2         R         R           33         080001004608         M/J         1/2         <	000-00050CD 0000-0000000000000000000000000000000	17	GDD41480988	SMITCHING DIODE	1N4148	(1)P C (2)ROHM	
19         весодевозал DIP         S/VI         3F, DIP         OTAX         SW1           20         00046222000         DR1VE         IC         BA6222         ROHM         IC5           21         022286466         2200uF/35V         CE1         C21         C2200uF/35V         CE2           23         052107H636         10000F/25V         IC6M         CE2         CE3         C21001F/358         C21001F/35V         CE3           24         052107H636         470uF/25V         IC6M         CE3         C2300207H636         C2100F/16V         CE3           25         052277H636         220uF/16V         CE3         C230017H638         470uF/25V         CM1/w           26         052475H438         470uF/25V         IC6M 1/w         CE3         C23001000         C104/50V         CE3           27         0502231H409         Int         C4PAGR8         223/25V         TAE YANG         C104/50V         C11/w           30         0501046906         104/50V         C11/w         R6         R74, F3/wG	6800.8800.34 DIP         S.Y.V         34', DP         OTAX         SW1           0004822200.0         DRIVE         IC         BA6222         NoHM         ICS           0022280.00         DRIVE         IC         BA6222         NoHM         ICS           0021071H538         100UF/25V         IDS         IDE         CE1           0022251H408         470UF/25V         IDM HM         CE3         IDE           002231H409         IN' C4PAGR9         223/25V         TAE, YANG         CC1~12           0020040906         104/50V         IDE         CU1~CM33         CC1~12           002040706608         CM 104/50V         IDE         CC1~12         IDE           0020409062         CH         I/ZW         R6         IDE         IDE           0020409062         CH         I/ZW         R6         IDE         IDE         IDE         IDE         IDE         IDE         IDE <td>18</td> <td>00040040900</td> <td>DICOLAECTIFIER</td> <td>1N4004</td> <td>(2)ROHM</td> <td>D1~D4</td>	18	00040040900	DICOLAECTIFIER	1N4004	(2)ROHM	D1~D4
20         0884622200A         DR1VE         IC         BA8222         RoHM         ICS           21         0022286418         22000/F/35V         CE1         CE2           23         0021071H638         ECAMORRI         1000uF/25V         CE4           24         0022771638         ECAMORRI         470uF/25V         CE4           25         0022711638         ECAMORRI         220uF/16V         CE3           25         0022711638         470uF/25V         CM1+w         CE4           26         00247811638         470uF/25V         CM1+w         CE3           26         00247811638         470uF/25V         CE3         CE4           27         00202311409 km² (2PAORRI         223/25V         TAE YM6         CC1-w           30         00210496908         102/25V         TAE YM6         CC1-w           31         36820010660         2KJ 1/4W         R6         R3/87.PS           32         0600629609         68.J 1/2W         R8         R14-wi           33         06010046608         1MJ 1/4W         R2         36           34         06047016609         1MJ 1/4W         R2         37           36         39	ORH/62200A         DRI/E         IC         BA6222         Normal         ICS           00222800A         DRI/E         IC         BA6222         Normal         ICS           00220280418         2000F/35V         CE1         CE2         CE2         CE2           0021071H638         BL* CAPACRN         100/0/F/25V         CPM NRM         CE4         CE4           002271F638         2200F/16V         CE3         CE3         CE4         CE4           002271F638         2200F/16V         CE3         CC4         CC4         CC4           002271F638         2200F/16V         CE3         CM1~CM3         CM1~CM3         CM1~CM3           002201606         012/25V         FA         CM1~CM3         CM1~CM3         CM1~CM3           0020016608         102/25V         TAE         YANG         CC1~12         CC1~12           0020016608         CARBON FDU         104/50V         FC         CC1~12         CC1~12           0R047016609         CARBON FDU         2KJ         1/4W         R5         R3~5,8         (Nore HR R1-16 </td <td>19</td> <td>6600JB8003A</td> <td>DIP S/W</td> <td>3P,DIP</td> <td>OTAX</td> <td>SWI</td>	19	6600JB8003A	DIP S/W	3P,DIP	OTAX	SWI
21         00522864516         2200uF/35V         CE1           22         0051071H638         1000uF/25V         CE2           24         0051071H638         EF         CANONF/25V         CE3           24         0051071H638         EF         CANONF/25V         CE4           25         0051071H638         EF         CANONF/25V         CE4           25         005277H638         2200uF/16V         CE3         CE4           26         005477H618         470uF/25V         CMI mm         CE4           27         0052231H638         470uF/25V         CE4         CE3           29         0052230H608         102/25V         E         CM1~           29         0052230H608         104/50V         CC1~         C           30         0001029H608         104/50V         CC1~         C           31         7         2         CM00082H609         104/50V         CC1~           33         00000802H609         68J         1/2W         R6         R3-R8           33         00000802H609         1MJ         1/4W         R7+R8         R7+R9           33         0000080C         TRANSISTOR         RM1080(802006)	00222866/6         2200uF/35V         CE1           002100116/16         1000uF/35V         CE1           002107116/30         1000uF/25V         CE4           002107116/30         220uF/16V         CE4           002107116/30         220uF/16V         CE3           0022311408         470uF/25V         CE4           0022311408         470uF/25V         CE4           0022311408         470uF/25V         CE3           0022311408         470uF/25V         CE4           0022311408         470uF/25V         CM1~CM3           00220100608         223/100V         SEL         CM1~CM3           00200100608         102/25V         TAE         YANG           00200100608         CC1~12         CC1~12         CC1~12           0000006008         104/50V         CC1~12         CC1~12           00010006008         104/50V         CC1~12         R3           00010006008         1MJ         1/2W         R3         R1~5.8           00010006008         1MJ         1/2W         R3         R1~16           0010006008         1MJ         1/4W         R2         C01~12           00100006008         1MJ         1/4W	20	OH0H622200A	DRIVE IC	BA6222	ROHN	IC5
22         IOCI081H618         IOOUF/25V         CE2           23         IOCI07H638         BF         CPACT0         IOOUF/25V         USM HM: CC4           25         IOC277H618         470uF/25V         USM HM: CC4         CC4           25         IOC227H638         220uF/16V         CE3         CC4           26         IOC477H618         470uF/25V         CMM HM: CC4           27         IOC2237H638         220uF/16V         CE3           27         IOC2233H468 Int' CMACRE         223/100V         SEL         CM1~           28         IOC1026H66         IO2/25V         L         CM1~           30         IOC104H66         IO2/25V         L         CM1~           31         IOC223H668         IO2/25V         L         CM1~           33         IO200104H668         IO4/50V         CC1~         IN           33         IO200104608         IO4/50V         CC1~         IN         IN         IN           34         IO20010608         RUH080         INJ         I/4W         RF1         INS         IN         INS         IN         INS         IN         IN         IN         IN         IN         IN         IN </td <td>ОСЕТОВЛНАЗВ ОСЕТОЯЛНАЗВ ЦГ САРАСТКВ ОСЕТОЯЛНАЗВ ЦГ САРАСТКВ ОСЕТОЯЛНАЗВ ЦГ САРАСТКВ ОСЕТОЯЛНАЗВ ЦГ САРАСТКВ ОСЕТОЯЛНАЗВ ОСЕТОЯЛНАЗВ ОСЕТОЯЛНАЗВ ССЕЗ ОСЕТОЯЛНА ССЕЗ ОСЕТОЯЛНА ССЕЗ ОССТИТИИ ССЕЗ ОСЕТОЯЛНА ССЕЗ ОССТИТИИ ССЕЗ ОССТИТИ ССЕЗ ОССТИ ССЕЗ ОСССТИ ССЕЗ ОССТИ ССЕЗ ОССТИ ССЕЗ ОССТИ ССЕЗ ОССТИТИ СО</td> <td>21</td> <td>OCE2285J618</td> <td></td> <td>2200uF/35V</td> <td></td> <td>CEI</td>	ОСЕТОВЛНАЗВ ОСЕТОЯЛНАЗВ ЦГ САРАСТКВ ОСЕТОЯЛНАЗВ ЦГ САРАСТКВ ОСЕТОЯЛНАЗВ ЦГ САРАСТКВ ОСЕТОЯЛНАЗВ ЦГ САРАСТКВ ОСЕТОЯЛНАЗВ ОСЕТОЯЛНАЗВ ОСЕТОЯЛНАЗВ ССЕЗ ОСЕТОЯЛНА ССЕЗ ОСЕТОЯЛНА ССЕЗ ОССТИТИИ ССЕЗ ОСЕТОЯЛНА ССЕЗ ОССТИТИИ ССЕЗ ОССТИТИ ССЕЗ ОССТИ ССЕЗ ОСССТИ ССЕЗ ОССТИ ССЕЗ ОССТИ ССЕЗ ОССТИ ССЕЗ ОССТИТИ СО	21	OCE2285J618		2200uF/35V		CEI
23         0021071H38         BLF CAPACTRN         100UF /25V         (1)SMI HW         CE4           24         0024771H38         470UF /25V         (3)SMI HW         CE3           25         002271H38         220UF /16V         CE3           26         002271H38         220UF /16V         CE3           27         0002231H439         470UF /25V         CM1           28         00012049805         102/25V         E           29         000231H439         102/25V         TAE YANG           29         000231H439         102/25V         TAE YANG           30         00010449505         102/25V         TAE YANG           30         00010449505         104/50V         CC1+           31         32         0000824609         6 BJ         1/2W           34         000104605         MAJ H         7K         1/4W           34         000104606         MAJ J /4W         RF1           37         38         D0104608         MAJ J /4W         RF1           37         38         D0104608         MAJ J /4W         RF1           37         39         D0104008AC         TRAHSISTOR         R0400000000000000000000000000000000000	ODE1071H638         BLF         CAPACTRR         100UF/25V         IDAM HTM         CE4           0054771H618         470uF/25V         KMM         CE3         CC2271F638         CE3         CC2271F638         CE3         CC220F/16V         CE3         CC3         CC1	22	OCE1081H618		1000uF/25V		CE2
24         0024771H618         470u/F/25V         058H TAKE           25         0022771H618         220u/F/16V         CE3           26         0054751H438         47.uF/25V         CE3           27         0002231H408 H11' CPAGTRR         223/100V         SEL         CM1~           28         0054751H438         102/25V         EM1~         CE3           29         0051203H808         102/25V         EM1~         CC1~           30         00511043H806         102/25V         TAE YANG         CC1~           31	0524771H618         470uF/25V         CKM TWK           0522771F838         2200F/16V         CE3           052271F838         2200F/16V         CE3           052271F838         223/100V         SEL         CM1~CM33           052231H408         102/25V         CM1~CM33         CC1~CM33           0500620H08         102/25V         FK         FWW           0500620H08         102/25V         FK         FWW           0500620H08         104/50V         CC1~12         CC1~12           05006220H08         104/50V         CC1~12         CC1~12           050066208         104/50V         CC1~12         CC1~12           050066208         104/50V         CC1~12         CC1~12           05006608         104/50V         R8         R3~5,8           05010046608         1MJ 1/4W         R1~16         R93~5,8           05010046608         1MJ 1/4W         R2         C01	23	0021071H638	ELE" CAPACITOR	100uF/25V	(1)san hina	CE4
25         052277/63/8         220uF/16V         CE3           26         064761/63/8         47uF/25V         041~           27         000231/409 Int' CAPAGR8         223/100V         SDL         CM1~           28         0001320/406 Int' CAPAGR8         223/100V         SDL         CM1~           28         0001320/406 Int' CAPAGR8         223/150V         SDL         CM1~           29         000231/409 Int' CAPAGR8         223/25V         TAE YANG         CC1~           30         0001040/906         104/50V         CC1~         C1~           31         33         20000608         2KJ 1/2W         R6         R7, R9           34         0604701609         1MJ 1/4W         R2         R7, R9         R4         R7, R9           34         06047016609         1MJ 1/4W         R2         R7, R9         R3         R3         R14~1           35         06010046608         1MJ 1/4W         R2         38         38         33         38         39         081064/(80/200) K. E. C         Q1         40         010102009AB         RANSSTOR         RC1000(001202) K. E. C         Q2         30,000         30,000         30,000         30,000         30,000         30,00	062227/F538         220uF/16V         CE3           0624781H638         47uF/25V         CE3           0626231H408/01*         C4PAGR8         223/100V         SEL         CM1~CM33           0501023H408         102/25V         CC1~C12         CC1~C12           0501023H408         102/25V         TAE, YANG         CC1~C12           05010628H008         102/25V         TAE, YANG         CC1~C12           05010628H009         104/50V         CC1~C12         CC1~C12           07010662609         68 J         1/2/W         R6           070106608         2KJ         1/4W         R2/C-0HH           07010046609         1MJ         1/4W         R3~5,6           07010046608         1MJ         1/4W         R2           07010040609         1.02.020000         K.E.C         Q1           0701046009AC         TRANSISTOR         RC1020(000200)         K.E.C         Q2           0.6*95mm	24	OCE4771H618	}	470uF/25V	(Z)SAN YOUNG	
26         DCE47511438         47.uF/25V           27         DC0223114409 Int.' CPACRR         223/100V         SEL         CM1~//           28         DC0102319409 Int.' CPACRR         223/25V         TAE YANG         CO12/25V           29         DC022319409 Int.' CPACRR         223/25V         TAE YANG         CCI~//           30         DC01049908         104/50V         CCI~//         CCI~//           31         32         GR006829609         68.J         1/2.W         R6           32         GR006829609         68.J         1/4.W         R7.R=         G////////////////////////////////////	DE4781H638         47uF/25V           D02231H409 (M1 ' CPAGTRI         223/100V           00012014008         102/25V           0000231H409 (M1' CPAGTRI         223/25V           00002014008         102/25V           000002014008         102/25V           000002014008         102/25V           000002014008         102/25V           000002014008         104/30V           0000002016008         2KJ           0000000608         2KJ           000000608         1MJ           0001004608         1MJ           00110040609         0.6*8mm           001100409         0.6*9mm           0.6*915mm         0.6*15mm           0.6*15mm         0.	25	OCE2271F638		220uF/16V	1	CE3
27         0C02231H468 (wh. CAMORER         223/100V         SEL         CM1~//           28         0C01823H468 (wh. CAMORER         223/25V         TAE         YANG           30         0C01823H468 (cM. CAMORER         223/25V         TAE         YANG           30         0C01948H968         104/50V         CC1~////CC1           31         0C01948H968         104/50V         CC1~////CC1           32         0R09682H69         68J         1/2W         R6           33         0R02001668         RCARGON FAU         X/X         MR         R7, FB           34         0R047016693         RAKENEN FAU         X/X         1/4W         R6         R37, FB           35         0R010046608         1MJ         1/4W         R14~//         R14~//         R14~//           37         38         1MJ         1/4W         R1         R14         R1           37         38         0RR1000084C         TRANSISTOR         RR(020/R01202)         K.E.C         Q1           40         0R1020094B         TRANSISTOR         RR(020/R01202)         K.E.C         Q2         Q2, K         Q2,	0002231H408         M1 сичитка         223/100V         SEL         CM1~CM3           0001020H908         102/25V         TAE         YMG           0001020H908         102/25V         TAE         YMG           0001020H908         104/50V         CC1~12           0000620H908         104/50V         CC1~12           0000620H908         66J         104/50V         CC1~12           00006008         2KJ         1/4W         R6           0000006008         2KJ         1/4W         R7,R9~11           0000006008         1MJ         1/4W         R2           0000000000         0.6*5mm	26	OCE4781H638	1	47uF/25V	1	
28         DOCI2239406         102/25V           29         DOC2230406         DOC/25V         TAE YANG           30         DOCI2049406         104/50V         CC1~           31         DOCI2049406         104/50V         CC1~           32         DOCI2049406         68J         1/2W         R6           33         DOCI2049406         68J         1/2W         R6           33         DOCI206062         68J         1/2W         R6           34         DOCI00608         CLABON FMB         2KJ         1/4W         R7, R9           35         DOCI004608         1MJ         1/4W         R2         R14~           35         DOCI004608         1MJ         1/4W         R2         R14~           36         DRINEDCOBAC         TRANSISTOR         DANION(R02006)         K.E.C         Q1           39         DIRIEDCOBAC         TRANSISTOR         RC02000(R02006)         K.E.C         Q1           40         DIRIEDCOBAC         TRANSISTOR         RC02000(R02006)         K.E.C         Q1           41         43607015         JUMP         WRE         D.6*15mm         JUS         JUS         JUS         JUS         JUS	00K1020H006         102/25V           00K1020H006         102/25V           00K1020H006         104/50V           00K1020H006         104/50V           0K100602H009         68J 1/2W           0K00602H009         68J 1/2W           0K00602H009         68J 1/2W           0K00602H009         68J 1/2W           0K00602H009         68J 1/2W           0K007015609         2KJ 1/4W           0K010046608         1MJ 1/4W           0K010046608         1MJ 1/4W           0K100046608         1MJ 1/4W           0K100046608         1MJ 1/4W           0K100406005         1MJ 1/4W           0K1004000005         K.E.C Q1           0K1020006         0K*5mm           0.6*5mm         .06*5mm           .0.6*15.mm         .06.9*15mm           0.6*15.mm         .06*15mm           0.6*15.mm         .06*15mm           0.6*15.mm         .06*15mm           0.6*15.mm         .06.9*15mm <td>27</td> <td>0CQ2231N409</td> <td>WIL' CAPACTOR</td> <td>223/100V</td> <td>SEL</td> <td>CM1~CM3</td>	27	0CQ2231N409	WIL' CAPACTOR	223/100V	SEL	CM1~CM3
29         00X2230H906 [DEF CAPAGINGF         223/25V         TAE YANG           30         00X1040H906         104/50V         CC1           31         32         0R00682H009         6 BJ         1/2W           33         0R020010608         6 BJ         1/2W         R6           34         0R047016609         6 BJ         1/2W         R7,R8           34         0R047016609         6 BJ         1/2W         R7,R9           34         0R047016609         4.7K         1/4W         R7,R9           35         0R01046608         1MJ         1/4W         R14-1           35         0R01046608         1MJ         1/4W         R14-1           37         38         01040608         1MJ         1/4W         R14-1           37         38         010104608         1MJ         1/4W         R1           37         38         0101040084         TRAHSISTOR X04004(R42006) K. E. C Q1         Q2           40         0R10209AB         TRAHSISTOR X04004(R42006) K. E. C Q2         Q2         Q5,8*T           41         43607015         JUMP WRE         0.6*TSmm         Q5,8*T         Q5,8*T           42         492043003A <td< td=""><td>00X22309306 DB* CAPAGRY 223/25V 00X104049006 104/30V 00X104049006 104/30V 0020010608 0020010608 0020010608 RCARBON FUL 0X047016008 0X047016008 0X047016008 1MJ 1/2W 4.7K 1/4W (2X-0HW R2-0HW (2X-0HW R3-5,8 (2X-0HW (2X-0HW R3-5,8 (2X-0HW R3-5,8 (2X-0HW R3-5,8 (2X-0HW R3-5,8 (2X-0HW R3-5,8 (2X-0HW R3-5,8 (2X-0HW R2</td><td>28</td><td>000030201908</td><td></td><td>102/25V</td><td>1</td><td></td></td<>	00X22309306 DB* CAPAGRY 223/25V 00X104049006 104/30V 00X104049006 104/30V 0020010608 0020010608 0020010608 RCARBON FUL 0X047016008 0X047016008 0X047016008 1MJ 1/2W 4.7K 1/4W (2X-0HW R2-0HW (2X-0HW R3-5,8 (2X-0HW (2X-0HW R3-5,8 (2X-0HW R3-5,8 (2X-0HW R3-5,8 (2X-0HW R3-5,8 (2X-0HW R3-5,8 (2X-0HW R3-5,8 (2X-0HW R2	28	000030201908		102/25V	1	
30         000004049906         104/50V         CC1           31         32         07000629409         68J         1/2W         R6           33         07000629409         68J         1/2W         R6           33         07000629409         68J         1/2W         R6           34         0701040609         2KJ         1/4W         R1-5           34         070104609         4.7K         1/4W         R1-5           35         070104609         1MJ         1/4W         R2           36         070161209         Rusta         1MJ         1/4W         R2           36         070105098         Rusta         1MJ         1/4W         R2           37         37         37         38         39         07010200948         Rusta         101/5U         K.E.C         Q1           40         07010200948         RANSSTOR         RC1020000 (K.E.C         Q1         0.6*5mm         0.0*15mm           41         43607015         JUMP         WRE         0.6*15mm         0.0*15mm         0.0*15mm           42         492045000A         REAT SME(12W) (-457-00004)         (1C2)         4.3         432045000A         44	OCKID46/906         104/50V         CC112           OR0662/909         68J         1/2W         R6           OR0662/909         68J         1/2W         R8           OR06060608         2KJ         1/4W         (1)J0 YW         R7,R911           OR01004608         RCA800 FBM         4.7K         1/4W         (2K-0HH R35,6         R1416           OR01004608         IMJ         1/2W         R2         00004608         R1416           OR01004608         RMETAL FBM         16.2KF         1/4W         R2         00004608           OR01004608         RMETAL FBM         16.2KF         1/4W         R2         00004608           OR01004000 RAMETAL FBM         16.2KF         1/4W         R2         00004608         000040608           OR01004000 RAMETRANSISTOR         IXA1064(00/2000)         K.E.C. Q1         0000408         0000408         0000408         0000408         00000408         00000408         00000408         00000408         00000408         00000408         00000408         00000408         00000408         00000408         00000408         00000408         00000408         00000408         000000408         00000408         00000408         000000408         00000408         000000408 <td>29</td> <td>00002230H908</td> <td>CER CAPACING</td> <td>223/25V</td> <td>TAE YANG</td> <td></td>	29	00002230H908	CER CAPACING	223/25V	TAE YANG	
31         32         R200662/609         68 J 1/2W         R6           33         32 0720062/809         68 J 1/2W         R6           33         32 0720062/809         68 J 1/2W         R6           34         0701040609         2K J 1/4W         (100 mB) R3-5, (200 mB) R3-5, (	0R00682/609         68.J         1/2.W         R6           0R00682/609         2K.J         1/4W         (1)J0 YM [7,R9~11]           0R047016608         2K.J         1/4W         (1)J0 YM [7,R9~11]           0R047016609         2K.J         1/4W         (1)J0 YM [7,R9~11]           0R047016609         2K.J         1/4W         (1)J0 YM [7,R9~11]           0R047016609         1M.J         1/4W         (2)S0K IB           0R010046608         1M.J         1/4W         R2           0R01004608         1M.J         1/4W         R2           0R0100408         RANSSTOR         RK1020000 [0,01202]         K.E.C         Q1           0R0102009AB         RANSSTOR         RC1020[00(1202)]         K.E.C         Q2           0.6*15mm         0.6*12mm         0.6*12mm         0.05.102~12           0.6*12.5mm         0.6*12.5mm         0.6*12.5mm         0.6*12.5mm           0.6*12.5mm         0.6*12.5mm	30	00001040H908		104/50V	1	CC1~12
32         0600628609         68 J 1/2W         78           33         0600628609         2K J 1/4W         70 VM R7,R9           34         06047016609         2K J 1/4W         70 VM R7,R9           34         06047016609         2K J 1/4W         70 VM R7,R9           35         06010046609         1M J 1/4W         72 VM R7,R9           35         06010046609         1M J 1/4W         R2           36         06010120408 RueTAL Flux         16.2KF 1/4W         RF1           37	0R006624609         68.J. 1/2W         R6           0R006624609         2K.J. 1/4W         R6           0R047016609         2K.J. 1/4W         (2K.G. HH)           0R047016609         2K.J. 1/4W         (2K.G. HH)           0R010046608         1M.J. 1/4W         (2K.G. HH)           0R010046608         1M.J. 1/4W         R2           0R010046608         1M.J. 1/4W         R1           0R01004608         1RANSISTOR         RK1024(001202)           0R010200048         RRANSISTOR         RK1024(001202)           0.6*5mm	31	1	<u> </u>			
33         0R020010608         RCARDON FLM         2KJ         1 / 4W         (1)Jo Yw/R 7, RS- (2)K-0HH           34         0R047010609         RCARDON FLM         4.7K         1 / 4W         (2)ComH         R3-5, (2)ComH           35         0R010046609         1 MJ         1 / 4W         (3)E         R3-5, (2)ComH         R3-5, (2)ComH           35         0R010040609         1 MJ         1 / 4W         R2           36         0R16120408 RuleTAL FLM 16.2KF         1 / 4W         RF1           37         -         -         -           39         DIR106009AC TRANSISTOR (RC000/00000000)         K.E.C         Q1           40         0TR102009AB TRANSISTOR (RC000/0000000)         K.E.C         Q2           0.6*87mm         -         -         -           0.6*15mm         -         0.6*15mm         -           41         43607015         JUMP WRE         0.6*15mm         -           0.6*15mm         -         0.6*15mm         -         -           42         492043300A HEAT SM(129) (-         ASSEMELE WITH H/SI WK         4         -         -           43         492043300A HEAT SM(129) (-         ASSEMELE WTH H/SI WK         4         -         -	GR020010608         RCARDON FLW         2K.J         1 / 4W         (1).00 YW         R7,R9~11           GR020010608         RCARDON FLW         4.7K         1 / 4W         (2)K-0HW         R7,X-5,8           GR010010608         IM.J         1 / 4W         (2)K-0HW         R7,4-5,8           GR010010608         IM.J         1 / 4W         R2           GR016120408         R,METAL FLM         16.2KF         1 / 4W         R2           GR016120408         R,METAL FLM         16.2KF         1 / 4W         R2           OR010040003AC         TRANSISTOR         IXAI(SML(0A206))         K.E.C.C.Q1           OR0102003AE         TRANSISTOR         IXAI(SML(0A206))         K.E.C.Q2           O.8*5mm	32	ORD0652H609		68J 1/2W		R6
34         COMBINIE         C	RCARDON FUL         Carlow (Carlow R)         Carlow (Carlow R) <th< td=""><td>33</td><td>CR02001CEN</td><td>1</td><td>2K. 1 /4W</td><td>(1)JO YA</td><td>R7.89~11</td></th<>	33	CR02001CEN	1	2K. 1 /4W	(1)JO YA	R7.89~11
34 00047016609         4.7K 1/4W         (Jame HP)         R14-1           35 070104608         1MJ 1/4W         R2           36 0701020080         1MJ 1/4W         R2           36 0701020080         1MJ 1/4W         R2           37         38         39         16.2KF 1/4W         RF1           37         38         0         0.00000000000         RMNSISTOR VANDON(VA2006)         K.E. C           40         070102009A8         TRANSISTOR VANDON(VA2006)         K.E. C         0.2           40         070102009A8         TRANSISTOR VANDON(VA2006)         K.E. C         0.2           41         43607015         JUMP WRE         0.6*15mm         1002.8           0.6*12.5mm         0.6*15mm         1002.8         1002.8           42         4920453001A         HEAT SMR(120) (-572-00004A)         (1C2)           43 4920453001A         HEAT SMR(120) (-572-00004A)         44         (1C2)           44         198703274B         SCREW         ASSEMBLE         MTH H/SNK           45         49111001         SOLDER         AMIT KR-1990A         HEE SUNG SC	ORD47016609         4. 7K 1/4W         (AJUNE HV) 174-16           ORD10046608         1.M.J 1/4W         (K)Sake HV 144-16           ORD10046608         1.M.J 1/4W         R2           ORH6120408 RJETAL FLM 16.2KF 1/4W         RF1           DR1090609AC TRANSISTOR (RA106#(004206)         K.E. C Q1           ORT108009AC TRANSISTOR (RA106#(004206)         K.E. C Q1           ORT102009AB TRANSISTOR (RA106#(004206)         K.E. C Q1           ORT102009AB TRANSISTOR (RC102#00C1202)         K.E. C Q2           0.6*5mm         .00*-016           0.6*5mm         .00*-016           0.6*12.5mm         .00*-016           0.6*12.5mm         .00*-016           0.6*15mm         .00*-016           10220438         SCREW           ASSEMBLE WITH H/SINK           49111001         SOLDER	<del>ب</del>		R, CARBON FILM		{2)K-0HH	R3~5.8
35         MAJ         1 / / 4W         R2           36         08016126408         RueTaL         Flau         18.2KF         1/4W         RF1           37	инглииненов         IMJ 1/4W         R2           088/6126408 R,METAL FIM         16.2KF 1/4W         RF1           088/6126408 R,METAL FIM         16.2KF 1/4W         RF1           018706009AC         TRANSISTOR         18A106#(00/200)         K.E.C Q1           018706009AC         TRANSISTOR         18A106#(00/200)         K.E.C Q2           018706009AB         TRANSISTOR         18C102#(00/200)         K.E.C Q2           0.6*9mm         .06*9mm         .001,.004~.005           0.6*15mm         .06.9*15mm         .06.9*15mm           0.6*15mm         .06.9*15mm         .06.9*15mm           0.6*15mm         .06.9*15mm         .06.9*15mm           15870300A         KEAT SMC(02) (~572~0000A)         (IC2)           15870300A         KASSEMBLE WITH H/SINK         4350LD           49111001         SOLDER         AJMT KR-1984A         HEE SUNG SOLD'	34	ORD4701G609		4.7K 1/4W	1,3,01,000 190 (4)52,006 190	R14~16
35 Montelizados Ruetal, Fluit 16.2KF 1/4W         RF1           37	Udmeizukis (Just 2006) Otri 06009AC TRANSISTOR (RA1064/(042206)) K.E.C.Q1 Otri 06009AC TRANSISTOR (RA1064/(042206)) K.E.C.Q1 Otri 02009AB TRANSISTOR (RC1024)(04C1202) K.E.C.Q2 0.6*5mm 0.6*5mm 0.6*10mm 0.6*12mm 0.6*12mm 0.6*125mm 0.6*125mm 0.6*125mm 0.6*125mm 0.6*155mm 0.0*155mm 0.0	135	VR071004G608		1MJ 1/4W	Ļ	1K2
37         38           39         DIRIDGOBAC TRANSISTOR UMIOBU(00200) K.E.C.Q1           40         OTRIDGOBAC TRANSISTOR UMIOBU(00200) K.E.C.Q2           41         0.6*5mm           41         43607015           41         43607015           42         4920433000A HEAT SIN(127)           43         4920433000A HEAT SIN(127)           43         4920433000A HEAT SIN(127)           44         1920433000A HEAT SIN(127)           45         49111001           SCREW         ASSEMBLE WITH H/SINK	018106009AC         TRANSISTOR         XMI(064(02/206)         K.E.C. Q1           018102009AB         TRANSISTOR         XR(1024(00/202))         K.E.C. Q2           0.6*5mm         .0.6*5mm         .001,.004005           43607015         JUMP WRE         0.6*5mm         .002015,.003,007           0.6*12.5mm         .0.6*15mm         .0.6*15mm         .0.6*15mm           4920.83003A         H&IT SM(127)         (572-00004)         (IC2)           1987D302418         SCREW         ASSEMBLE WITH H/SINK           49111001         SOLDER         AMIT KR-1994A         HEE SUNG SOLD	36	UKM1612G408	ik,metal film	10,2KF 1/4W	L	RF1
35         39         000000000000000000000000000000000000	018106009AC         TRANSISTOR         IXAI064(00/200)         K.E.C.Q1           018102009AB         TRANSISTOR         IXAI064(00/202)         K.E.C.Q2           0.6*5mm         0.6*5mm         .005-100-105           43607015         JUMP WRE         0.6*10mm         .002-111.C01-005           0.6*10mm         .005.107         .005.107         .005.107           492043003A         HEAT SIN(124)         (-1572-00004)         (1C2)           19870303A         HEAT SIN(124)         (-1572-00004)         (1C2)           19870302418         SCREW         ASSEMBLE WITH H/SINK         49111001	37	<u> </u>			<u> </u>	
39         DIRI0009AC TRANSSTOR (MI0M/00/200)         K.E.C.Q1           40         ORT102009AB         TRANSSTOR (RC10M/00(1022))         K.E.C.Q2           41         43607015         JUMP         0.6*85mm         J01.0           41         43607015         JUMP         WRE         0.6*10mm         J02.4           0.6*12.5mm         0.6*15mm         0.6*15mm         J08.7         J05.7           42         4920453000A         HAT SIN(129)         (-457-00004)         (1C2)           4.3         4920453000A         HAT SIN(129)         (-457-00004)         (1C2)           4.4         ISBF03024B         SCREW         ASSEMBLE: WITH H/SINK         455           45         4911100         SOLDER         AMIT KR-1994A         HEE SUNG SC	01R106000AC [RA4SSTOR (RA1064(04206)] K.E.C.Q.1 01R1020048 [RA4SSTOR (RC1024)(04206)] K.E.C.Q.2 0.6*5mm 0.6*5mm 0.6*6mm .00*11200 .05*10mm 0.6*10mm 0.6*15mm 0.6*15mm 0.6*15mm 0.6*15mm 0.6*15mm 0.6*15mm 0.6*15mm 0.5*15mm	138	<u></u>	L			
40         0078102009AB         TRANSISTOR/ (RC1024)(RC1222)         K. E. C         02           41         43607015         JUMP         0.6*5mm         J01,8           41         43607015         JUMP         0.6*10mm         J02,8           0.6*12.5mm         0.6*12.5mm         0.6*12.5mm         J01,8           42         4920483003A         HEAT SINK(129)         (-157-00024)         (1C2)           4.3         4920483003A         HEAT SINK(19)         (-157-00024)         (1C2)           4.4         ISBF03024B         SCREW         ASSEMBLE: WITH H/SINK         4SSEMBLE: WITH H/SINK           45         49111001         SOLDER         AJMIT KR-1994A         HEE SLNG SC	01R102009AB TRANSSTOR (RC(1024)(00(1202)) K, E, C (Q2 0.6*5mm 0.6*6mm 0.6*6mm 0.6*7mm 0.6*10mm 0.6*12.5mm 0.6*12.5mm 0.6*12.5mm 0.6*12.5mm 0.6*12.5mm 0.6*12.5mm 0.6*15mm 0.0*15mm 0.0	39	0TR106009AC	TRANSISTOR	KRAIDEW(KRA2206	K.E.C	Q1
41         43607015         JJMP WRE         0.6*5mm         J01,00           41         43607015         JJMP WRE         0.6*10mm         J02,00           0.6*12.5mm         0.6*15mm         0.6*15mm         J02,00           42         4920453000A #KAT SHK(12W)         (-1572-00004A)         (1C2)           4.3         4920453000A #KAT SHK(12W)         (-1572-00004A)         (1C2)           4.4         ISBF03024B         SCREW         ASSEMBLE:         WTH         H /SI KK           455         49111001         SOLDER         AJMT KR-1984A         HEE SLING SC         SC <td>43607015         JUNP WIRE         0.6*5mm         JUNP VIRE           0.6*10mm         JUNP VIRE         0.6*10mm         JUNP VIRE           0.6*12.5mm         JUNP VIRE         0.6*12.5mm         JUNP VIRE           43607015         JUNP VIRE         0.6*12.5mm         JUNP VIRE           4920483003A         #AT SM(39) (-572-00004)         (IC2)           4920493001A         #AT SM(39) (-572-00004)         (IC2)           4920493001A         #ASSEMBLE WITH H/SINK         49111001           SOEDER         AJUT KR-1984A         HEE SUNG SOLD'</td> <td>40</td> <td>0TR102009AB</td> <td>TRANSISTOR</td> <td>KRC102M(VRC1202)</td> <td>K.E.C</td> <td>Q2</td>	43607015         JUNP WIRE         0.6*5mm         JUNP VIRE           0.6*10mm         JUNP VIRE         0.6*10mm         JUNP VIRE           0.6*12.5mm         JUNP VIRE         0.6*12.5mm         JUNP VIRE           43607015         JUNP VIRE         0.6*12.5mm         JUNP VIRE           4920483003A         #AT SM(39) (-572-00004)         (IC2)           4920493001A         #AT SM(39) (-572-00004)         (IC2)           4920493001A         #ASSEMBLE WITH H/SINK         49111001           SOEDER         AJUT KR-1984A         HEE SUNG SOLD'	40	0TR102009AB	TRANSISTOR	KRC102M(VRC1202)	K.E.C	Q2
41         43607015         JUMP WRE         0.6*8mm         J0100           41         43607015         JUMP WRE         0.6*10mm         J0217           0.6*12.5mm         J0.6*15mm         J0217         J0617           42         4#20483003A #KAT SIN(179)         (-1572-00004A)         (1022)           4.3         4#20483001A #KAT SIN(179)         (-1572-00004A)         (1022)           4.4         1587503024B SCREW         ASSEMBLE: WITH H/SINK         4455 449111001           50.50LDER         ALMIT KR-199MA         HEE SLING SC	43607015         JUNP WIRE         0.6*8mm         JUD JUG+JUG           43607015         JUNP WIRE         0.6*10mm         JUD JUD           0.6*12.5mm         JUD JUD         JUD JUD         JUD JUD           0.6*15.5mm         0.6*15mm         JUD JUD         JUD JUD           4920483003A         KAT SIN(12) (-572-00004)         (IC2)           4920493007A         KAT SIN(12) (-572-00004)         (IC2)           4920493007A         KASEMBLE WITH H/SINK         HEE SUNG SOLD'           49111001         SOLDER         AJMT KR-1984A         HEE SUNG SOLD'				0.6*5mm		
41         43607015         JUMP WRE         D.6*10mm         J052.x           0.6*12.5mm         0.6*15mm         0.6*15mm           42         4920483003A μE47 SM(170) (~572-00004)         (102)           4.3         4920493001A μE47 SM(170) (~572-00004)         (102)           4.4         ISBR3024B SCREW         ASSEMBLE WITH H/SINK           4.5         49111001         SOLDER         AJMT KR-1994A	43607015 JUMP WIRE D.6*10mm 002,003,007 0.6*12.5mm 0.6*15mm 0.6*15				0.6*8mm		J01,J04~J05
0.6*12.5mm 0.6*15mm 42 492083003A #647 SM(121) (-572-00004A) (102) 4.3 492083001A #647 SM(121) (-572-0002A) 44 158F030241B SCREW ASSEMBLE WITH H/SINK 45 4911100 SOLDER AUT KR-198MA HEE SLNG SC	0.6*12.5mm 0.6*15mm 4#20/83003A (#AT SIN(127) (~1572-00004A) (102) 4920/8300TA (#AT SIN(137) (~1572-00002A) 1987D302418 SCREW ASSEMBLE WITH H/SINK 49111001 SOLDER ALMT KR-1984A (HEE SUNG SOLD'	41	43607015	JUMP WIRE	0.6*10mm		J02, J03, J07, J08, J12~J14
0.6*15mm 42 4920453033A (#AT SIN(121) (-4572-000044) (102) 4.3 4920453031A (#AT SIN(121) (-4572-00024) 44 158F030241B SCREW ASSEMBLE WITH H/SINK 45 4911100 SOLDER ALMIT KR-1984A (#EE SLNG SC	0.6*15mm 49204830034 (KAT SIN(127) (~1572-000044) (102) 49204830014 (KAT SIN(137) (~1572-000024) (102) 19870302418 SCREW ASSEMBLE WITH H/SINK 49111001 SOLDER ALMT KR-19844 HEE SUNG SOLD'			1	0.6*t 2.5mm		
42         4920453003A         HAT SIN(170)         (4.572-000044)         (1C2)           4.3         4920453001A         HAT SIN(30)         (-572-00024)         (1C2)           4.4         ISBF030241B         SCREW         ASSEMBLE         WITH         H/SINK           4.5         4911100         SOLDER         AMIT KR-198MA         HEE SLNG SC	49204330334 HAT SIN(127) (-1572-000044) (1C2) 49204330714 HAT SIN(37) (-1572-000024) 19375392418 SCREW ASSEMBLE WITH H/SINK 49111001 SOLDER ALMIT KR-19844 HEE SUNG SOLD'			1	0.6*15mm		
4.3 49204230074 HEAT SIN(5V) (~1572-00022A) 44 15873302418 SCREW ASSEMBLE WITH H/SINK 45 4911100 SOLDER ALMIT KR-19804 HEE SUNG SC	1920-193001A HEAT SINK(SV) (~.572-00002A) 1587030241B SCREW ASSEMBLE WITH H/SINK 49111001 SOLDER ALMIT KR-1984A HEE SUNG SOLD'	42	4920JB3003A	HEAT SINK 124	(=J572-00004A)	· · · · · ·	(IC2)
44 158F030241B SCREW ASSEMBLE WITH H/SINK 45 49111001 SOLDER ALMT KR-19RMA HEE SUNG SC	158FD30241B SCREW ASSEMBLE WITH H/SINK 49111001 SOLDER ALMT KR-198NA HEE SUNG SOLD	43	4920JB3001A	HEAT SINK(5V)	(-J572-00002A)	· · ·	
45 49111001 SOLDER ALMIT KR-1986A HEE SLING SC	49111001 SOLDER ALMIT KR-198MA HEE SUNG SOLD	44	15870302418	SCREW	ASSEMBLE W	ถ⊢ ห/ร	NK
1 .= 1 .=		45	49111001	SOLDER	ALMIT KR-19RMA	HEE SL	NG SOLD'
46 49111004 SUELED BN H63A	49111004 SUELED BUILES	AF	49111004	STIDE IFID PU	H63A	<u> </u>	
		47	50333104		.1571	KOK1	<u> </u>
		H					
42							

### 7-6 PWB DIAGRAM





## 8. EXPLODED VIEW & REPLACEMENT PARTS LIST

▼ The parts of refrigerator and the shape of each part are subject to change in different localities.







ICE MAKER PART

