



LG

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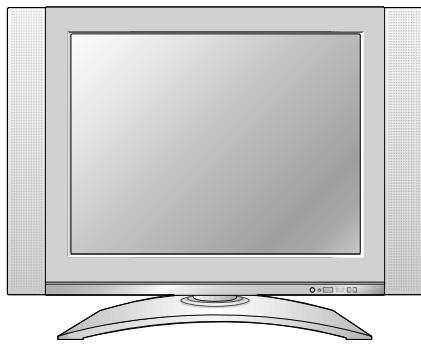
LCD TV **SERVICE MANUAL**

CHASSIS : ML-024D

MODEL : RZ-20LA66

CAUTION

BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



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PRODUCT SAFETY

IMPORTANT SAFETY NOTICE

This manual was prepared for use only by properly trained audiovisual service technicians. When servicing this product, under no circumstances should the original design be modified or altered without permission from LG Electronics Inc. All components should be replaced only with types identical to those in the original circuit and their physical location, wiring, and lead dress must conform to original layout upon completion of repairs. If any fuse (or Fusible Resistor) in this TV receiver is blown, replace it only with the factory specified fuse type and rating. When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB. Always keep wires away from high voltage or high temperature parts.

Special components are also used to prevent shock and fire hazard.

These components are indicated by the letter "x" included in their component designators and are required to maintain safe performance. No deviations are allowed without prior approval by LG Electronics Inc. Service work should be performed only after you are thoroughly familiar with these safety checks and servicing guidelines.

Circuit diagrams may occasionally differ from the actual circuit used.

This way, implementation of the latest safety and performance improvement changes into the set is not delayed until the new service literature is printed.

CAUTION: Do not attempt to modify this product in any way.

Never perform customized installations without manufacturer's approval.

Unauthorized modifications will not only void the warranty, but may lead to property damage or user injury.

GENERAL GUIDANCE

An Isolation Transformer should always be used during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating to protect against personal injury from electrical shocks. It will also protect the receiver and its components from being damaged by accidental shorts of the circuitry that may be inadvertently introduced during the service operation.

Before returning the receiver to the customer, always perform an AC leakage current check on the exposed metallic parts of the cabinet, such as antennas, terminals, etc., to be sure the set is safe to operate without damage of electrical shock.

LEAKAGE CURRENT COLD CHECK (ANTENNA COLD CHECK)

With the instrument's AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on position, connect one lead of ohm-meter to the AC plug prongs tied together, and touch other ohm-meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc. If the exposed metallic part has a return path to the chassis, the measured resistance should be between $1M\Omega$ and $5.2M\Omega$. When the exposed metal has no return path to the chassis the reading must be infinite. Any other abnormality that exists must be corrected before the receiver is returned to the customer.

ELECTROSTATICALLY SENSITIVE DEVICES

Some semiconductor (solid-state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on the body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as an ESD mat, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charge sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil, or comparable conductive material.)
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

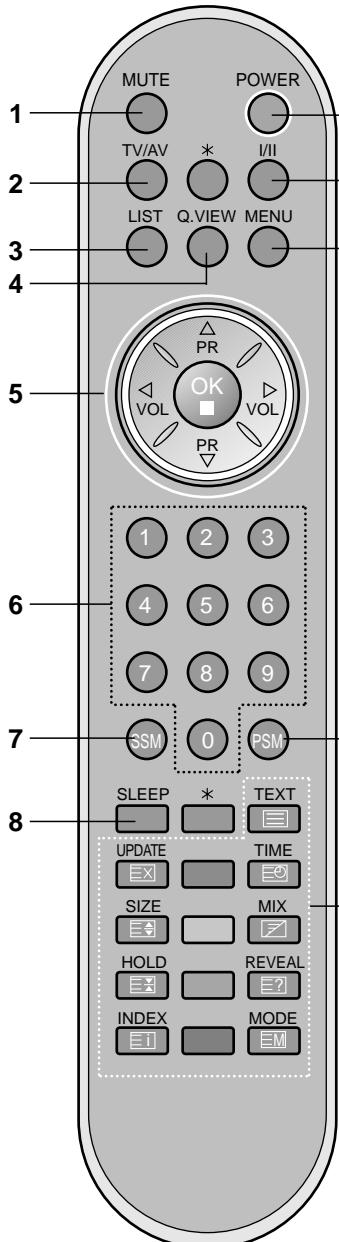
Caution: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise, seemingly harmless motion, such as the brushing together of your clothing or the lifting of your foot from a carpeted floor, can generate static electricity sufficient to damage an ES device.)

DESCRIPTION OF CONTROLS

All the functions can be controlled with the remote control handset. Some functions can also be adjusted with the buttons on the side panel of the set.

Remote control handset



Before you use the remote control handset, please install the batteries. See the next page.

1. MUTE

switches the sound on or off.

2. TV/AV

selects TV or AV mode.
clears the menu from the screen.
switches the set on from standby.

3. LIST

displays the programme table.

4. Q.VIEW

returns to the previously viewed programme.

5. ▲ / ▼ (Programme Up/Down)

selects a programme or a menu item.
switches the set on from standby.

◀ / ▶ (Volume Up/Down)

adjusts the volume.
adjusts menu settings.

OK

accepts your selection or displays the current mode.

6. NUMBER BUTTONS

switches the set on from standby and selects a programme.

7. SSM (Sound Status Memory)

recalls your preferred sound setting.

8. SLEEP

sets the sleep timer.

9. POWER

switches the set on from standby or off to standby.

10. I/II

selects the language during dual language broadcast.

selects the sound output (option).

11. MENU

selects a menu.

12. PSM (Picture Status Memory)

recalls your preferred picture setting.

13. TELETEXT BUTTONS (option)

These buttons are used for teletext.

For further details, see the Teletext section.

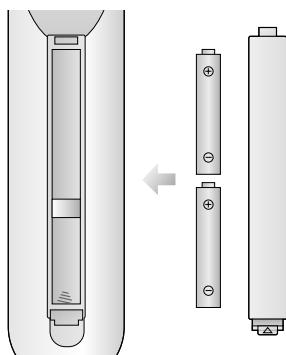
* : No function

COLOURED BUTTONS

These buttons are used for teletext (only TELETEXT models) or programme edit.

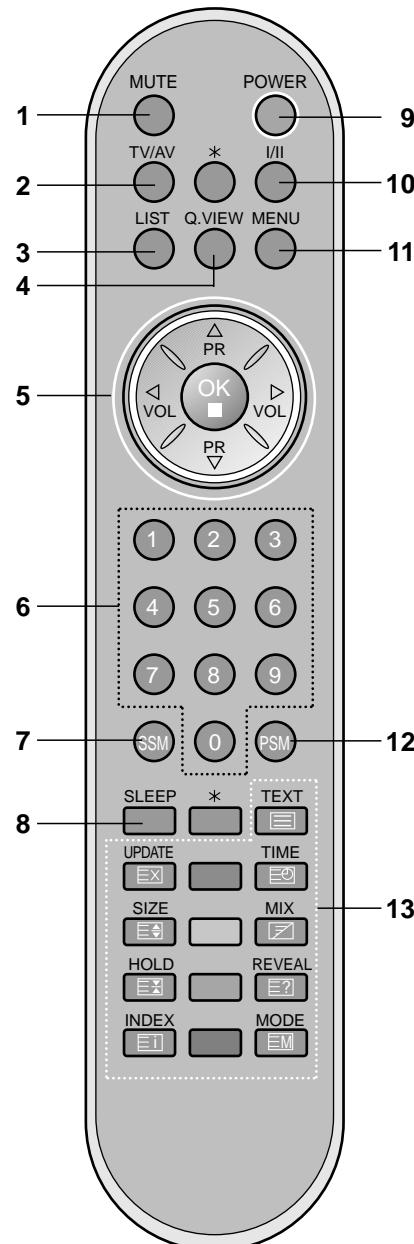
Battery installation

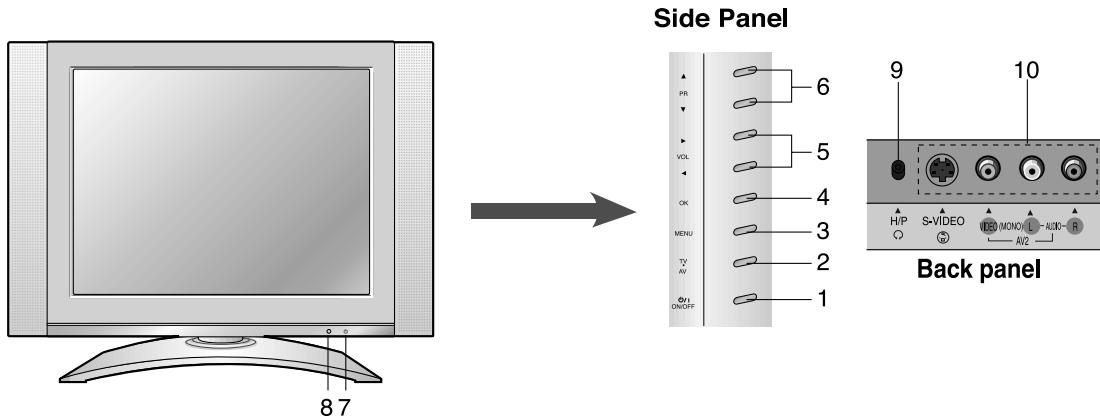
marked inside the compartment.



The remote control handset is powered by two AAA/Alkaline type batteries. To load the batteries, turn the remote control handset over and open the battery compartment. Install two batteries as indicated by the polarity symbols (+ and -).

Note : To avoid damage from possible battery leakage, remove the batteries if you do not plan to use the remote control handset for an extended period of time.





1. **ON/OFF**
switches the set on from standby or off
Note : Power line lives even when the power is off.
 2. **TV/AV**
selects TV or AV monitor mode.
clears the menu from the screen.
switches the set on from standby
 3. **MENU**
selects a menu.
 4. **OK**
accepts your selection or displays the current mode.
 5. **◀/▶ (Volume Up/Down)**
adjusts the volume.
adjusts menu settings.
 6. **▲/▼ (Programme Up/Down)**
selects a programme or a menu item.
switches the set on from standby
 7. **POWER/STANDBY INDICATOR (○)**
illuminates red in standby mode.
illuminates green when the set is switched on.
 8. **REMOTE CONTROL SENSOR**
 9. **HEADPHONE SOCKET**
Connect the headphone plug to this socket.
 10. **AUDIO/VIDEO IN SOCKETS (AV2)**
Connect the audio/video out sockets of external equipment to these sockets.
- S-VIDEO/AUDIO IN SOCKETS (SAV)**
Connect the video out socket of an S-VIDEO VCR to the S-VIDEO socket.
Connects the audio out sockets of the S-VIDEO VCR to the audio sockets as in AV2

SPECIFICATION

NOTE : Specifications and others are subject to change without notice for improvement.

1. Application range

This specification is applied to ML-024D chassis.

2. Requirement for Test

Testing for standard of each part must be followed in below condition.

(1) Temperature: $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$ (But, CST must be tested $40^{\circ}\text{C} \pm 2^{\circ}\text{C}$ (Humidity: 50%))

(2) Humidity: $65\% \pm 10\%$

(3) Power: Standard input voltage (AC 100-220V, 50/60Hz)

(4) Measurement must be performed after heat-run more than 15min.

(5) Adjusting standard for this chassis is followed a special standard.

3. Test and Inspection method

(1) Capacity: Follow LG electronics TV Testing Standard.

(2) Another Required Standard

Follow the standard of each nation.

4.General Specification

No.	Item	Specification				Remark
		Min	Typ	Max	Unit	
1	Receivable broadcasting system	1)PAL/SECAM-BG				EU/Non-EU (PAL Market)
		2)PAL/SECAM-DK				
2	RF input channel	3)PAL-I/I				NTSC Market
		4)SECAM-L/L'				
		5)NTSC -M				PAL
		6)NTSC 4.43(AV)				
3	Input voltage	7)PAL N/M				FRANCE
		8)NTSC-M				
		VHF: E02 ~ E12				NTSC
		UHF : E21 ~ E69				
4	Tuning system	CATV : S1 ~ S20				JAPAN
		HYPER : S21 ~ S41				
		L/L' : B,C,D				PAL
		VHF : 2 ~13				
5	Operating temperature	UHF : 14 ~ 69				NTSC
		CATV : 1 ~ 125				
		VHF low : 1~M10				PAL, 200PR.(option)
		VHF high : 4~S22				
6	Operating humidity	UHF : S23~62				NTSC
		0		50	deg	
		20		90	%	
		-20		60	deg	
7	Storage temperature	5		90	%	
8	Storage humidity					

5. Feature and Function

No.	Item	Specification	Remark
1	Teletext	TOP,FLOF,LIST 10 page	TOP(option)
2	REMOCON	RC-5 /NEC code(PAL), NEC CODE(NTSC)	
3	AV input	1	Rear
4	S-Video input	1	Side
5	Component input	1 Y, Pb, Pr	option, NON EU, NTSC
6	SCART	Full SCART : 1	Rear(option,EU)
7	H/P output	1	Rear
8	2 Carrier stereo	BG, DK	
9	NICAM stereo	BG, I, LL'	
10	2 Carrier dual	BG, DK	
11	NICAM dual	BG, I, LL'	
12	Local Key	TV/Video, menu, enter(OK), Vol(◀,▶), Channel(▲,▼)	
13	AVL	O	
14	On/Off Timer	O	
15	APC	O	PAL: PSM
16	DASP	O	PAL: SSM

ADJUSTMENT INSTRUCTION

1. Application Object

This instruction is for the application to the LCD TV.

2. Notes

- (1) This set uses an adapter, so connect the adapter and the set correctly before adjustment.
- (2) The adjustment must be performed under the correct sequence.
- (3) The adjustment must be performed in the circumstance of $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$ of temperature and $65\pm 10\%$ of relative humidity if there is no specific designation.
- (4) The set must be operated for 15 minutes preliminarily before adjustment if there is no specific designation.

['Heat Run' must be performed with the full white signal or TV noise signal in the internal part of the set.

[The time for 'Heat Run' can be changed owing to production plan.

[Line Test condition (TV): standard color signal $65\pm 1\text{dBuV}$

3. Option 1 data setting (200PR ~ A2 ST:1bit, SYS:2bit composition)

OPTION Data	200PR	TEXT	I/II SV	TOP	SCART	A2 ST	SYS
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	2
3	0	0	0	0	0	0	3
4	0	0	0	0	0	1	0
5	0	0	0	0	0	1	1
6	0	0	0	0	0	1	2
7	0	0	0	0	0	1	3
8	0	0	0	0	1	0	0
9	0	0	0	0	1	0	1
10	0	0	0	0	1	0	2
11	0	0	0	0	1	0	3
12	0	0	0	0	1	1	0
13	0	0	0	0	1	1	1
14	0	0	0	0	1	1	2
15	0	0	0	0	1	1	3
16	0	0	0	1	0	0	0
17	0	0	0	1	0	0	1
18	0	0	0	1	0	0	2
19	0	0	0	1	0	0	3
20	0	0	0	1	0	1	0
21	0	0	0	1	0	1	1
22	0	0	0	1	0	1	2
23	0	0	0	1	0	1	3
24	0	0	0	1	1	0	0
25	0	0	0	1	1	0	1
26	0	0	0	1	1	0	2
27	0	0	0	1	1	0	3
28	0	0	0	1	1	1	0
29	0	0	0	1	1	1	1
30	0	0	0	1	1	1	2
31	0	0	0	1	1	1	3

OPTION Data	200PR	TEXT	I/II SV	TOP	SCART	A2 ST	SYS
32	0	0	1	0	0	0	0
33	0	0	1	0	0	0	1
34	0	0	1	0	0	0	2
35	0	0	1	0	0	0	3
36	0	0	1	0	0	1	0
37	0	0	1	0	0	1	1
38	0	0	1	0	0	1	2
39	0	0	1	0	0	1	3
40	0	0	1	0	1	0	0
41	0	0	1	0	1	0	1
42	0	0	1	0	1	0	2
43	0	0	1	0	1	0	3
44	0	0	1	0	1	1	0
45	0	0	1	0	1	1	1
46	0	0	1	0	1	1	2
47	0	0	1	0	1	1	3
48	0	0	1	1	0	0	0
49	0	0	1	1	0	0	1
50	0	0	1	1	0	0	2
51	0	0	1	1	0	0	3
52	0	0	1	1	0	1	0
53	0	0	1	1	0	1	1
54	0	0	1	1	0	1	2
55	0	0	1	1	0	1	3
56	0	0	1	1	1	0	0
57	0	0	1	1	1	0	1
58	0	0	1	1	1	0	2
59	0	0	1	1	1	0	3
60	0	0	1	1	1	1	0
61	0	0	1	1	1	1	1
62	0	0	1	1	1	1	2
63	0	0	1	1	1	1	3

OPTION Data	200PR	TEXT	I/II SV	TOP	SCART	A2 ST	SYS
64	0	1	0	0	0	0	0
65	0	1	0	0	0	0	1
66	0	1	0	0	0	0	2
67	0	1	0	0	0	0	3
68	0	1	0	0	0	1	0
69	0	1	0	0	0	1	1
70	0	1	0	0	0	1	2
71	0	1	0	0	0	1	3
72	0	1	0	0	1	0	0
73	0	1	0	0	1	0	1
74	0	1	0	0	1	0	2
75	0	1	0	0	1	0	3
76	0	1	0	0	1	1	0
77	0	1	0	0	1	1	1
78	0	1	0	0	1	1	2
79	0	1	0	0	1	1	3
80	0	1	0	1	0	0	0
81	0	1	0	1	0	0	1
82	0	1	0	1	0	0	2
83	0	1	0	1	0	0	3
84	0	1	0	1	0	1	0
85	0	1	0	1	0	1	1
86	0	1	0	1	0	1	2
87	0	1	0	1	0	1	3
88	0	1	0	1	1	0	0
89	0	1	0	1	1	0	1
90	0	1	0	1	1	0	2
91	0	1	0	1	1	0	3
92	0	1	0	1	1	1	0
93	0	1	0	1	1	1	1
94	0	1	0	1	1	1	2
95	0	1	0	1	1	1	3
96	0	1	1	0	0	0	0
97	0	1	1	0	0	0	1
98	0	1	1	0	0	0	2
99	0	1	1	0	0	0	3
100	0	1	1	0	0	1	0
101	0	1	1	0	0	1	1
102	0	1	1	0	0	1	2
103	0	1	1	0	0	1	3
104	0	1	1	0	1	0	0
105	0	1	1	0	1	0	1
106	0	1	1	0	1	0	2
107	0	1	1	0	1	0	3
108	0	1	1	0	1	1	0
109	0	1	1	0	1	1	1

OPTION Data	200PR	TEXT	I/II SV	TOP	SCART	A2 ST	SYS
110	0	1	1	0	1	1	2
111	0	1	1	0	1	1	3
112	0	1	1	1	0	0	0
113	0	1	1	1	0	0	1
114	0	1	1	1	0	0	2
115	0	1	1	1	0	0	3
116	0	1	1	1	0	1	0
117	0	1	1	1	0	1	1
118	0	1	1	1	0	1	2
119	0	1	1	1	0	1	3
120	0	1	1	1	1	0	0
121	0	1	1	1	1	0	1
122	0	1	1	1	1	0	2
123	0	1	1	1	1	0	3
124	0	1	1	1	1	1	0
125	0	1	1	1	1	1	1
126	0	1	1	1	1	1	2
127	0	1	1	1	1	1	3
128	1	0	0	0	0	0	0
129	1	0	0	0	0	0	1
130	1	0	0	0	0	0	2
131	1	0	0	0	0	0	3
132	1	0	0	0	0	1	0
133	1	0	0	0	0	1	1
134	1	0	0	0	0	1	2
135	1	0	0	0	0	1	3
136	1	0	0	0	1	0	0
137	1	0	0	0	1	0	1
138	1	0	0	0	1	0	2
139	1	0	0	0	1	0	3
140	1	0	0	0	1	1	0
141	1	0	0	0	1	1	1
142	1	0	0	0	1	1	2
143	1	0	0	0	1	1	3
144	1	0	0	1	0	0	0
145	1	0	0	1	0	0	1
146	1	0	0	1	0	0	2
147	1	0	0	1	0	0	3
148	1	0	0	1	0	1	0
149	1	0	0	1	0	1	1
150	1	0	0	1	0	1	2
151	1	0	0	1	0	1	3
152	1	0	0	1	1	0	0
153	1	0	0	1	1	0	1
154	1	0	0	1	1	0	2
155	1	0	0	1	1	0	3

OPTION Data	200PR	TEXT	I/II SV	TOP	SCART	A2 ST	SYS
156	1	0	0	1	1	1	0
157	1	0	0	1	1	1	1
158	1	0	0	1	1	1	2
159	1	0	0	1	1	1	3
160	1	0	1	0	0	0	0
161	1	0	1	0	0	0	1
162	1	0	1	0	0	0	2
163	1	0	1	0	0	0	3
164	1	0	1	0	0	1	0
165	1	0	1	0	0	1	1
166	1	0	1	0	0	1	2
167	1	0	1	0	0	1	3
168	1	0	1	0	1	0	0
169	1	0	1	0	1	0	1
170	1	0	1	0	1	0	2
171	1	0	1	0	1	0	3
172	1	0	1	0	1	1	0
173	1	0	1	0	1	1	1
174	1	0	1	0	1	1	2
175	1	0	1	0	1	1	3
176	1	0	1	1	0	0	0
177	1	0	1	1	0	0	1
178	1	0	1	1	0	0	2
179	1	0	1	1	0	0	3
180	1	0	1	1	0	1	0
181	1	0	1	1	0	1	1
182	1	0	1	1	0	1	2
183	1	0	1	1	0	1	3
184	1	0	1	1	1	0	0
185	1	0	1	1	1	0	1
186	1	0	1	1	1	0	2
187	1	0	1	1	1	0	3
188	1	0	1	1	1	1	0
189	1	0	1	1	1	1	1
190	1	0	1	1	1	1	2
191	1	0	1	1	1	1	3
192	1	1	0	0	0	0	0
193	1	1	0	0	0	0	1
194	1	1	0	0	0	0	2
195	1	1	0	0	0	0	3
196	1	1	0	0	0	1	0
197	1	1	0	0	0	1	1
198	1	1	0	0	0	1	2
199	1	1	0	0	0	1	3
200	1	1	0	0	1	0	0
201	1	1	0	0	1	0	1

OPTION Data	200PR	TEXT	I/II SV	TOP	SCART	A2 ST	SYS
202	01	1	0	0	1	0	2
203	1	1	0	0	1	0	3
204	1	1	0	0	1	1	0
205	1	1	0	0	1	1	1
206	1	1	0	0	1	1	2
207	1	1	0	0	1	1	3
208	1	1	0	1	0	0	0
209	1	1	0	1	0	0	1
210	1	1	0	1	0	0	2
211	1	1	0	1	0	0	3
212	1	1	0	1	0	1	0
213	1	1	0	1	0	1	1
214	1	1	0	1	0	1	2
215	1	1	0	1	0	1	3
216	1	1	0	1	1	0	0
217	1	1	0	1	1	0	1
218	1	1	0	1	1	0	2
219	1	1	0	1	1	0	3
220	1	1	0	1	1	1	0
221	1	1	0	1	1	1	1
222	1	1	0	1	1	1	2
223	1	1	0	1	1	1	3
224	1	1	1	0	0	0	0
225	1	1	1	0	0	0	1
226	1	1	1	0	0	0	2
227	1	1	1	0	0	0	3
228	1	1	1	0	0	1	0
229	1	1	1	0	0	1	1
230	1	1	1	0	0	1	2
231	1	1	1	0	0	1	3
232	1	1	1	0	1	0	0
233	1	1	1	0	1	0	1
234	1	1	1	0	1	0	2
235	1	1	1	0	1	0	3
236	1	1	1	0	1	1	0
237	1	1	1	0	1	1	1
238	1	1	1	0	1	1	2
239	1	1	1	0	1	1	3
240	1	1	1	1	0	0	0
241	1	1	1	1	0	0	1
242	1	1	1	1	0	0	2
243	1	1	1	1	0	0	3
244	1	1	1	1	0	1	0
245	1	1	1	1	0	1	1
246	1	1	1	1	0	1	2
247	1	1	1	1	0	1	3

OPTION Data	200PR	TEXT	I/II SV	TOP	SCART	A2 ST	SYS
248	1	1	1	1	1	0	0
249	1	1	1	1	1	0	1
250	1	1	1	1	1	0	2
251	1	1	1	1	1	0	3
252	1	1	1	1	1	1	0
253	1	1	1	1	1	1	1
254	1	1	1	1	1	1	2
255	1	1	1	1	1	1	3

4. Option2 data(ACMS~BBACK:1bit,LANG:3bit)

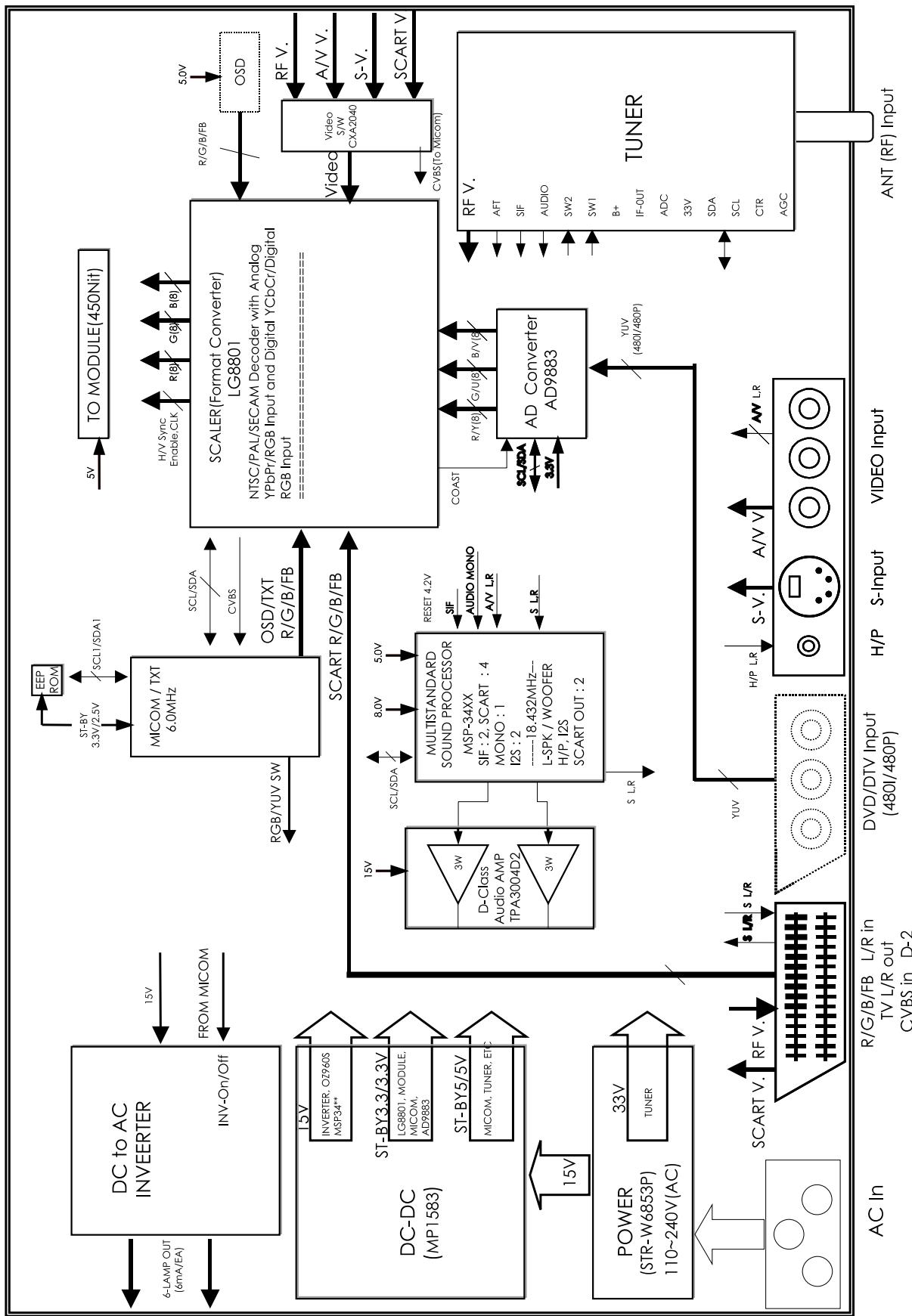
OPTION Data	ACMS	VOL	BBACK	LANG
0	0	0	0	0
1	0	0	0	1
2	0	0	0	2
3	0	0	0	3
4	0	0	0	4
5	0	0	0	5
6	0	0	0	6
7	0	0	0	7
8	0	0	1	0
9	0	0	1	1
10	0	0	1	2
11	0	0	1	3
12	0	0	1	4
13	0	0	1	5
14	0	0	1	6
15	0	0	1	7
16	0	1	0	0
17	0	1	0	1
18	0	1	0	2
19	0	1	0	3
20	0	1	0	4
21	0	1	0	5
22	0	1	0	6
23	0	1	0	7
24	0	1	1	0
25	0	1	1	1
26	0	1	1	2
27	0	1	1	3
28	0	1	1	4
29	0	1	1	5
30	0	1	1	6
31	0	1	1	7

OPTION Data	ACMS	VOL	BBACK	LANG
32	1	0	0	0
33	1	0	0	1
34	1	0	0	2
35	1	0	0	3
36	1	0	0	4
37	1	0	0	5
38	1	0	0	6
39	1	0	0	7
40	1	0	1	0
41	1	0	1	1
42	1	0	1	2
43	1	0	1	3
44	1	0	1	4
45	1	0	1	5
46	1	0	1	6
47	1	0	1	7
48	1	1	0	0
49	1	1	0	1
50	1	1	0	2
51	1	1	0	3
52	1	1	0	4
53	1	1	0	5
54	1	1	0	6
55	1	1	0	7
56	1	1	1	0
57	1	1	1	1
58	1	1	1	2
59	1	1	1	3
60	1	1	1	4
61	1	1	1	5
62	1	1	1	6
63	1	1	1	7

5. Option3 data(IIC AFT~CH+AU:1bit)

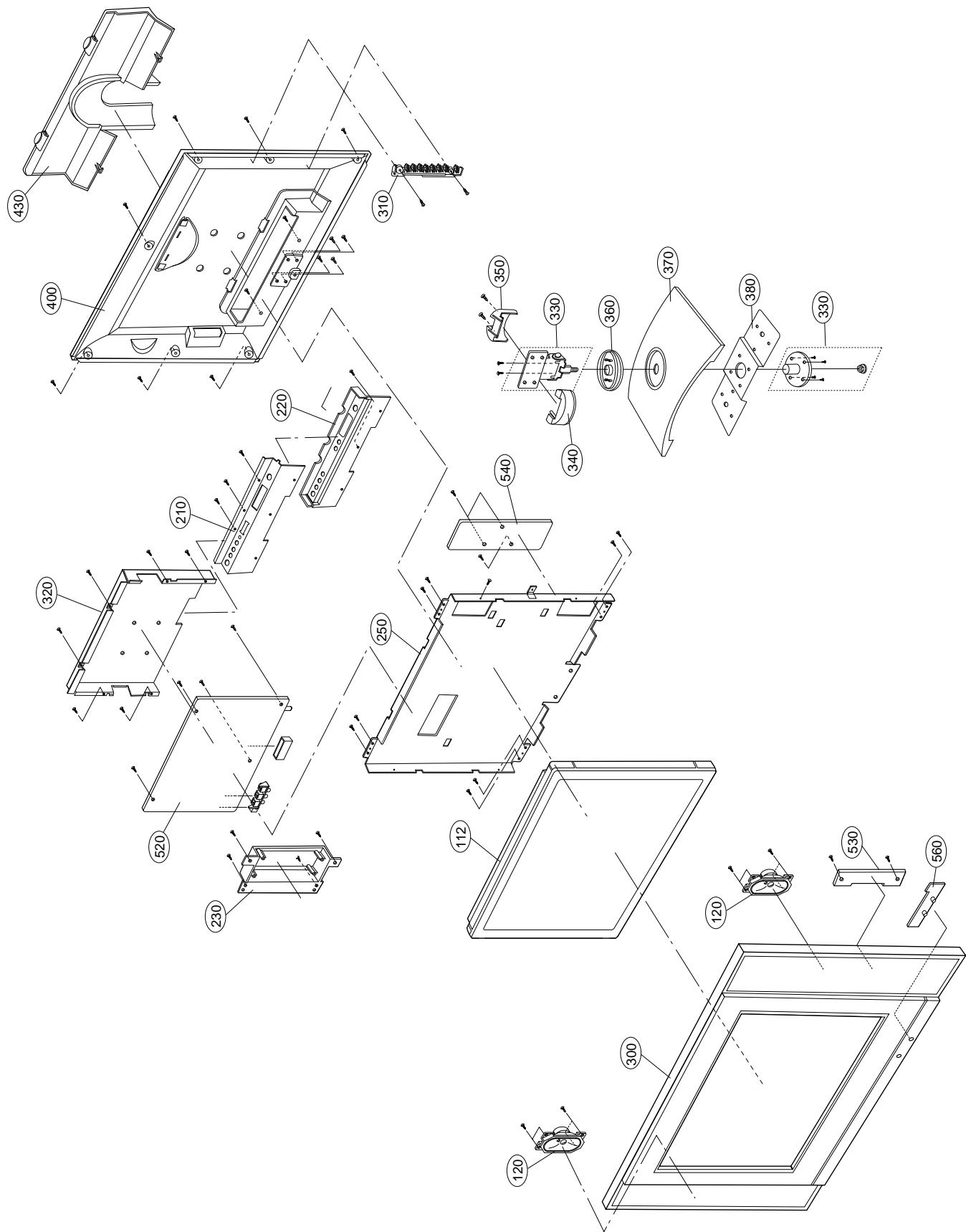
OPTION Data	HiDEV	TSS	IIC T	MONO	CH+AUS
0	0	0	0	0	0
1	0	0	0	0	1
2	0	0	0	1	0
3	0	0	0	1	1
4	0	0	1	0	0
5	0	0	1	0	1
6	0	0	1	1	0
7	0	0	1	1	1
8	0	1	0	0	0
9	0	1	0	0	1
10	0	1	0	1	0
11	0	1	0	1	1
12	0	1	1	0	0
13	0	1	1	0	1
14	0	1	1	1	0
15	0	1	1	1	1
16	1	0	0	0	0
17	1	0	0	0	1
18	1	0	0	1	0
19	1	0	0	1	1
20	1	0	1	0	0
21	1	0	1	0	1
22	1	0	1	1	0
23	1	0	1	1	1
24	1	1	0	0	0
25	1	1	0	0	1
26	1	1	0	1	0
27	1	1	0	1	1
28	1	1	1	0	0
29	1	1	1	0	1
30	1	1	1	1	0
31	1	1	1	1	1

BLOCK DIAGRAM



MEMO

EXPLODED VIEW



EXPLODED VIEW PARTS LIST

No.	PART NO.	DESCRIPTION
112	6306V20002A	LCD(LIQUID CRYSTAL DISPLAY), V201V1-T02 VGA CHIMEI TFT COLOR NON
120	6400GKTX01A	SPEAKER,FULLRANGE, F1527C-6428 K-TONE FULL-RANGE(GENERAL) 8OHM 7/12W 83DB OTHERS 34.5X71
210	4811V00076F	BRACKET ASSEMBLY, REAR AV RZ-20LA66 ML024D 70B SPRAY
220	4810V00925E	BRACKET, REAR AV RZ-20LA66 ML024D HIPS 407AF 70B SPRAY
230	4810V00950B	BRACKET, AV RZ-20LA62 ML024A HIPS 60HR .
250	4950V00188A	METAL, FRAME SBHG FOR CMO MODULE
	4950V00188B	METAL, FRAME SBHG C/SKD
300	3091V00491N	CABINET ASSEMBLY, RZ-20LA62(SET) NON ML024G .
	3091TKD004B	CABINET ASSEMBLY, RZ-20LA66 BRAND 3090V00442 SKD
310	5020V00776B	BUTTON, CONTROL RU-20LA60 ABS, HF-380 8KEY .
320	4950V00192A	METAL, SHIELD SBHG ML024
	4950V00192C	METAL, SHIELD SBHG 20LA70 C/SKD
330	4950V00157C	METAL, HINGE ASSY SPCC(CR) 20LA60
340	4810V00767B	BRACKET, STAND HINGE FRONT RU-20LA60 ML012B ABS, HF-380 .
350	4810V00768B	BRACKET, STAND HINGE COVER RU-20LA60 ML012B ABS, HF-380 .
360	4810V00766B	BRACKET, DECO STAND RU-20LA60 ML012B ABS, HF-380 .
370	4810V00769B	BRACKET, STAND RU-20LA60 ML012B ABS, HF-380 BASE
380	4950V00133B	METAL, BASE SPCC(CR) .
400	3809TKD003E	BACK COVER ASSEMBLY, RZ-20LA66 3808V00366 3850VC0002F
	809TKD003F	BACK COVER ASSEMBLY, RZ-20LA66 3808V00366 SKD
430	3550V00297B	COVER, REAR AV RU-20LA60 ABS, HF-380 .
	3550V00297A	COVER, AV COVER 20LA60 NON REAR
520	3141VMNR76A	CHASSIS ASSEMBLY, MAIN ML024D RZ-20LA66 CHASSIS ASSY
530	6871VSMQ45A	PWB(PCB) ASSEMBLY, SUB, CONT ML024G 62TOOL CONTROL ASSY
560	6871TSH572A	PWB(PCB) ASSEMBLY, SUB, RZ-20LA66 LED & P/SW HAND BRAND POWER ASSY

REPLACEMENT PARTS LIST

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN, CH : Ceramic
CQ : Polyester
CE : Electrolytic
CF : Fixed Film

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RH : CHIP, Metal Glazed(Chip)
RR : Drawing

*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
CAPACITOR				
		C10	OCE227DF618	220UF STD 16V M FL TP5
		C1107	OCE337BH618	330UF KME 25V M FL TP5
		C1150	OCE337BH618	330UF KME 25V M FL TP5
		C1151	OCE337BH618	330UF KME 25V M FL TP5
		C1200	OCE227DH618	220UF STD 25V M FL TP5
		C1235	OCE107DD618	100UF STD 10V M FL TP5
		C13	OCE227DF618	220UF STD 16V M FL TP5
		C209	OCE476DF618	47UF STD 16V M FL TP5
		C211	OCE106DF618	10UF STD 16V M FL TP5
		C212	OCE227DD618	220UF STD 10V M FL TP5
		C215	OCE106DF618	10UF STD 16V M FL TP5
		C216	OCE106DF618	10UF STD 16V M FL TP5
		C289	OCE104DK618	0.1000UF STD 50V M FL TP5
		C331	OCE107DF618	100UF STD 16V M FL TP5
		C351	OCE227DF618	220UF STD 16V M FL TP5
		C354	OCE476DF618	47UF STD 16V M FL TP5
		C356	OCE106DF618	10UF STD 16V M FL TP5
		C362	OCE107DF618	100UF STD 16V M FL TP5
		C364	OCE336DF618	33UF STD 16V M FL TP5
		C380	OCE105DK618	1UF STD 50V M FL TP5
		C381	OCE106DF618	10UF STD 16V M FL TP5
		C383	OCE106DF618	10UF STD 16V M FL TP5
		C408	OCE106DK618	10UF STD 50V M FL TP5
		C410	OCE227DF618	220UF STD 16V M FL TP5
		C412	OCE105DK618	1UF STD 50V M FL TP5
		C499	OCE476DK618	47UF STD 50V M FL TP5
		C501	OCE107DF618	100UF STD 16V M FL TP5
		C523	OCE104DK618	0.1000UF STD 50V M FL TP5
		C526	OCE107DF618	100UF STD 16V M FL TP5
		C541	OCE107DF618	100UF STD 16V M FL TP5
		C581	OCE107DF618	100UF STD 16V M FL TP5
		C613	OCE106DF618	10UF STD 16V M FL TP5
		C614	OCE106DF618	10UF STD 16V M FL TP5
		C616	OCE107DF618	100UF STD 16V M FL TP5
		C629	OCE107DF618	100UF STD 16V M FL TP5
		C633	OCE107DF618	100UF STD 16V M FL TP5
		C706	OCE226BK618	22UF KME 50V M FL TP5
		C719	OCE227BJ618	220U KME 35V M FL TP5
		C728	OCE476BK618	47UF KME 50V M FL TP5
		C731	OCE227BJ618	220U KME 35V M FL TP5
		C744	OCE107BK638	100UF KME 50V M FM5 TP5
		C832	OCE107DF618	100UF STD 16V M FL TP5
		C1127	OCH3105F946	1UF 16V Z F 2012 R/TP
		C1128	OCH3105F946	1UF 16V Z F 2012 R/TP
		C1131	OCH3153K516	15000PF 50V K B 2012 R/TP
		C1132	OCH3105F946	1UF 16V Z F 2012 R/TP
		C1133	OCH3105F946	1UF 16V Z F 2012 R/TP
		C1134	OCH3105F946	1UF 16V Z F 2012 R/TP
		C1137	OCH3105F946	1UF 16V Z F 2012 R/TP
		C1207	OCH3105F946	1UF 16V Z F 2012 R/TP
		C1208	OCH3105F946	1UF 16V Z F 2012 R/TP
		C1209	OCH3105F946	1UF 16V Z F 2012 R/TP
		C1210	OCH3105F946	1UF 16V Z F 2012 R/TP
		C1211	OCH3105F946	1UF 16V Z F 2012 R/TP

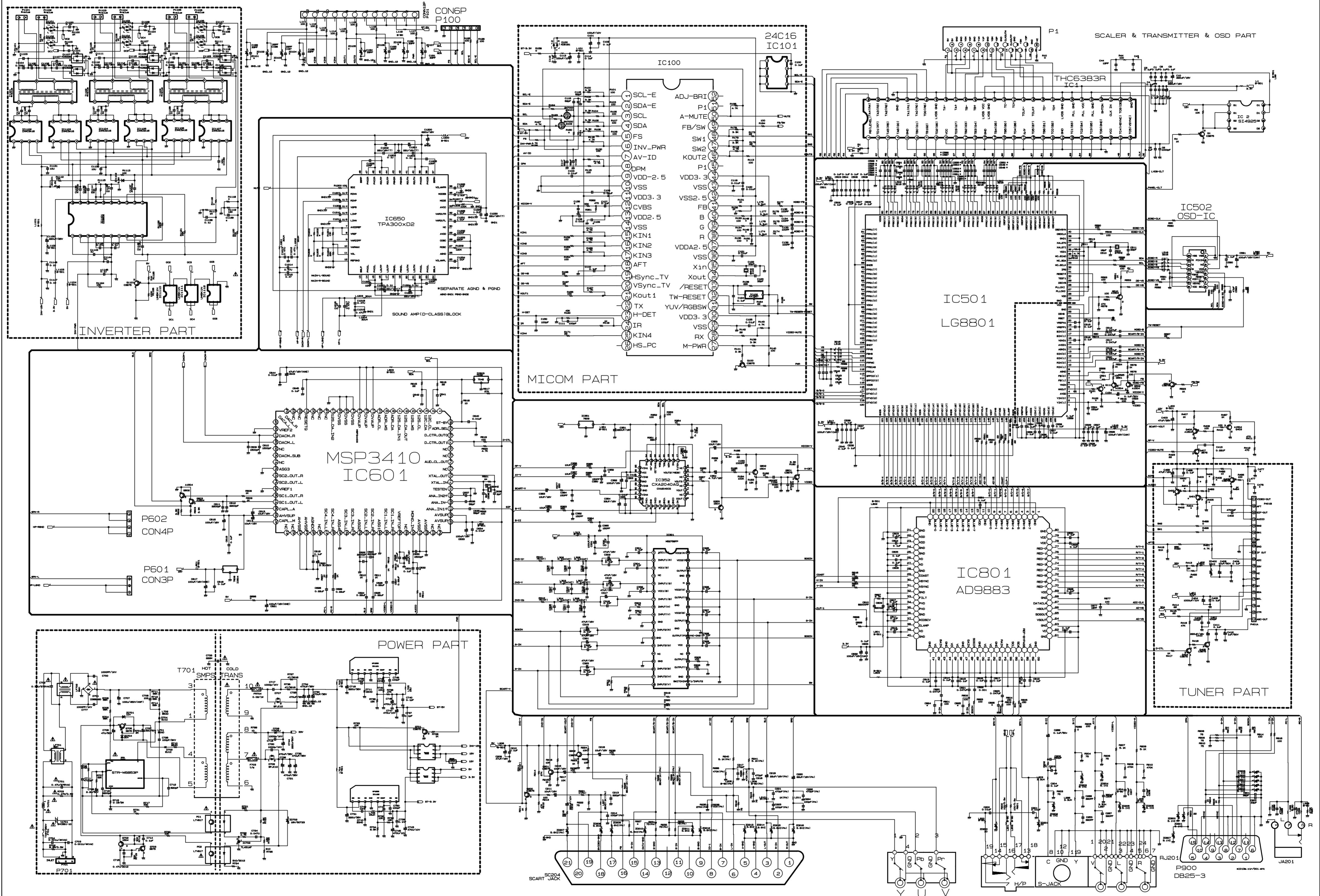
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C1226	OCH3105F946	1UF 16V Z F 2012 R/TP
		C1227	OCH3105F946	1UF 16V Z F 2012 R/TP
		C1228	OCH3105F946	1UF 16V Z F 2012 R/TP
		C1229	OCH3105F946	1UF 16V Z F 2012 R/TP
		C1231	OCH3105F946	1UF 16V Z F 2012 R/TP
		C1234	OCH3105F946	1UF 16V Z F 2012 R/TP
		C402	OCH3472K516	4700PF 50V K B 2012 R/TP
		C611	OCH3222K516	2200PF 50V K B 2012 R/TP
		C612	OCH3222K516	2200PF 50V K B 2012 R/TP
		C622	OCH3222K516	2200PF 50V K B 2012 R/TP
		C623	OCH3222K516	2200PF 50V K B 2012 R/TP
		C716	OCH3222K516	2200PF 50V K B 2012 R/TP
		C111	OCH6101K416	100PF 50V J NP0 2012 R/TP
		C1121	OCH6271K416	270PF 50V J NP0 2012 R/TP
		C122	OCH6330K416	33PF 50V J NP0 2012 R/TP
		C123	OCH6330K416	33PF 50V J NP0 2012 R/TP
		C1233	OCH6221K416	220PF 50V J NP0 2012 R/TP
		C132	OCH6101K416	100PF 50V J NP0 2012 R/TP
		C133	OCH6101K416	100PF 50V J NP0 2012 R/TP
		C134	OCH6101K416	100PF 50V J NP0 2012 R/TP
		C135	OCH6101K416	100PF 50V J NP0 2012 R/TP
		C150	OCH6101K416	100PF 50V J NP0 2012 R/TP
		C191	OCH6330K416	33PF 50V J NP0 2012 R/TP
		C192	OCH6330K416	33PF 50V J NP0 2012 R/TP
		C193	OCH6330K416	33PF 50V J NP0 2012 R/TP
		C194	OCH6330K416	33PF 50V J NP0 2012 R/TP
		C196	OCH6330K416	33PF 50V J NP0 2012 R/TP
		C197	OCH6330K416	33PF 50V J NP0 2012 R/TP
		C198	OCH6330K416	33PF 50V J NP0 2012 R/TP
		C199	OCH6330K416	33PF 50V J NP0 2012 R/TP
		C202	OCH6331K416	330PF 50V J NP0 2012 R/TP
		C207	OCH6471K416	470F 50V J NP0 2012 R/TP
		C208	OCH6471K416	470F 50V J NP0 2012 R/TP
		C213	OCH6221K416	220PF 50V J NP0 2012 R/TP
		C214	OCH6101K416	100PF 50V J NP0 2012 R/TP
		C217	OCH6471K416	470F 50V J NP0 2012 R/TP
		C218	OCH6471K416	470F 50V J NP0 2012 R/TP
		C221	OCH6471K416	470F 50V J NP0 2012 R/TP
		C222	OCH6471K416	470F 50V J NP0 2012 R/TP
		C223	OCH6101K416	100PF 50V J NP0 2012 R/TP
		C224	OCH6101K416	100PF 50V J NP0 2012 R/TP
		C298	OCH6471K416	470F 50V J NP0 2012 R/TP
		C299	OCH6471K416	470F 50V J NP0 2012 R/TP
		C360	OCH6151K416	150PF 50V J NP0 2012 R/TP
		C382	OCH6151K416	150PF 50V J NP0 2012 R/TP
		C384	OCH6151K416	150PF 50V J NP0 2012 R/TP
		C385	OCH6151K416	150PF 50V J NP0 2012 R/TP
		C406	OCH6101K416	100PF 50V J NP0 2012 R/TP
		C407	OCH6101K416	100PF 50V J NP0 2012 R/TP
		C44	OCH6150K416	15PF 50V J NP0 2012 R/TP
		C510	OCH6150K416	15PF 50V J NP0 2012 R/TP
		C511	OCH6150K416	15PF 50V J NP0 2012 R/TP
		C536	OCH6151K416	150PF 50V J NP0 2012 R/TP
		C635	OCH6560K416	56PF 50V J NP0 2012 R/TP
		C636	OCH6560K416	56PF 50V J NP0 2012 R/TP

DATE: 2004. 3.30.					
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	
		C615	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C618	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C619	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C624	0CK224DF56A	220000PF 2012 16V 10% R/TP X	
		C625	0CK224DF56A	220000PF 2012 16V 10% R/TP X	
		C626	0CK224DF56A	220000PF 2012 16V 10% R/TP X	
		C627	0CK224DF56A	220000PF 2012 16V 10% R/TP X	
		C628	0CH3103K516	10000PF 50V 10% B(Y5P) 2012	
		C631	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C634	0CH3103K516	10000PF 50V 10% B(Y5P) 2012	
		C638	0CH6020K116	2PF 50V 0.5 PF NPO 2012 R/TP	
		C639	0CH6020K116	2PF 50V 0.5 PF NPO 2012 R/TP	
		C640	0CH3103K516	10000PF 50V 10% B(Y5P) 2012	
		C644	0CH3103K516	10000PF 50V 10% B(Y5P) 2012	
		C645	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C661	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C662	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C663	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C664	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C665	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C666	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C667	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C668	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C669	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C670	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C671	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C672	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C673	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C674	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C675	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C676	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C677	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C678	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C679	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C680	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C681	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C682	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C683	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C684	0CH5120K416	12PF 50V 5% NPO 2012 R/TP	
		C698	0CK224DF56A	220000PF 2012 16V 10% R/TP X	
		C699	0CK224DF56A	220000PF 2012 16V 10% R/TP X	
		C711	0CH3103K516	10000PF 50V 10% B(Y5P) 2012	
		C712	0CH5821K416	820PF 50V 5% NPO 2012 R/TP	
		C724	0CH5102K416	1000PF 50V 5% NPO 2012 R/TP	
		C737	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C738	0CH3103K516	10000PF 50V 10% B(Y5P) 2012	
		C740	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C741	0CH3103K516	10000PF 50V 10% B(Y5P) 2012	
		C742	0CH3103K516	10000PF 50V 10% B(Y5P) 2012	
		C748	0CH3103K516	10000PF 50V 10% B(Y5P) 2012	
		C751	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C752	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C803	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C804	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C805	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C806	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C807	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C808	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C809	0CH3822K516	8200PF 2012 50V 10% B(Y5P) R	
		C810	0CH3823K516	82000PF 2012 50V 10% B(Y5P)	
		C811	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C812	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
		C813	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	
DIODEs					
		D701	0DRSA00150A	RBV-406 SANKEN BK USC 600V 4	
		D702	0DD100009AM	EU1ZV(1) TP SANKEN	
		D704	0DD100009AM	EU1ZV(1) TP SANKEN	
		D706	0DR060009AA	TVR06J TP GULF SEMICONDUCTOR	
		D707	0DRSD00091A	SF20JC10 SHINDENGEN ST FTO22	
		D710	0DR340009AA	MTRS340 TP FAIRCHILD NON 40V	

DATE: 2004. 3.30.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R1106	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R1107	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R1116	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R1118	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R1119	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R1120	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R1122	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R1123	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R1130	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R1131	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R1133	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R1134	ORH3902D622	39K OHM 1 / 10 W 2012 5.00%
		R1141	ORH1501D622	1.5K OHM 1 / 10 W 2012 5.00%
		R119	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R1211	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R131	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R132	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R142	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R164	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R171	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R172	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R173	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R181	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R182	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R186	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R197	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R198	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R200	ORJ1000H680	100 OHM 1/2 W 5% 5025 R/TP
		R201	ORJ1000H680	100 OHM 1/2 W 5% 5025 R/TP
		R211	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R3	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R358	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R4	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R407	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R414	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R415	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R417	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R418	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R423	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R494	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R497	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R500	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R519	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R520	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R521	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R522	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R523	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R524	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R551	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R578	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R581	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R582	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R585	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R586	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R587	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R588	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R589	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R592	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R608	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R609	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R610	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R611	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R612	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R613	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R615	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R616	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R697	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R699	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R701	ORH2002D622	20K OHM 1 / 10 W 2012 5.00%
		R721	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R728	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R730	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R731	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R733	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R740	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R816	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R894	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R895	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R900	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R904	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R905	ORH1001D622	1K OHM 1 / 10 W 2012 5.00% D
		R911	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R912	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
		R913	ORH0222D622	22 OHM 1 / 10 W 2012 5.00% D
CONNECTOR				
		P900	6630G15E215	- KSD 15P 2.29MM KCN-DS-3-00
		P1	6602V12005A	1.25MM 20P 12507WR-20 YEONHO
		P100	366-932E	GIL-G-06P LGC 6PIN 2.54MM ST
		P101	6602V20005L	2.0MM 12P GIL-S LG CABLE STR
		P1101	6630VV00102	35001WR YEONHO 2P 3.5MM SMD
		P1102	6630VV00102	35001WR YEONHO 2P 3.5MM SMD
		P1105	6630VV00102	35001WR YEONHO 2P 3.5MM SMD
		P1106	6630VV00102	35001WR YEONHO 2P 3.5MM SMD
		P601	366-932B	IL-G-03P LGC 2.5MM S/T STICK
		P602	366-932C	IL-G-04P LGC 2.5MM S/T STICK
		P1101	6631V20014H	12P 2.0MM 400MM H-B UL1061 A
		P1102	387-A07A	7P 2.5MM 100MM H-B UL1007AWG
FILTER & CRYSTAL				
		L200	6200JB8010L	MLB-201209-1000L-N2 MAG LAYE
		L201	6200JB8010L	MLB-201209-1000L-N2 MAG LAYE
		L202	6200JB8010L	MLB-201209-1000L-N2 MAG LAYE
		L207	6200JB8010L	MLB-201209-1000L-N2 MAG LAYE
		L516	6210VC0004A	BK3216 4S600 TAIYOYUDEN 3.2X
		LF701	6200JB8012Q	OR 14*7*7.5H SMC BK 6.0-11.0
		R226	6200JB8010L	MLB-201209-1000L-N2 MAG LAYE
		R228	6200JB8010L	MLB-201209-1000L-N2 MAG LAYE
		R229	6200JB8010L	MLB-201209-1000L-N2 MAG LAYE
		R230	6200JB8010L	MLB-201209-1000L-N2 MAG LAYE
		F701	131-098B	4000MA 250 V 5.2X20 CY/GL SE
		Z100	156-A01L	HC49U SUNNY RADIAL 6.00MHZ
		Z500	156-A02X	HC49U SUNNY RADIAL 27.00MHZ
		Z600	156-A02M	HC49U KJE RADIAL 18.432MHZ 3
SWITCH				
		SW1101	140-313A	TACT 2LEAD 100G(TA) LG C&D N
		SW1102	140-313A	TACT 2LEAD 100G(TA) LG C&D N
		SW1103	140-313A	TACT 2LEAD 100G(TA) LG C&D N
		SW1104	140-313A	TACT 2LEAD 100G(TA) LG C&D N
		SW1105	140-313A	TACT 2LEAD 100G(TA) LG C&D N
		SW1106	140-313A	TACT 2LEAD 100G(TA) LG C&D N
		SW1107	140-313A	TACT 2LEAD 100G(TA) LG C&D N

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		SW1108	140-313A	TACT 2LEAD 100G(TA) LG C&D N
JACK				
		RJ201 JA201 SC204	6613V00008F 6612VCH003B 381-091B	PMJ014F PARK ELEC E/P(ST)+S- PEJ012C PARK ELEC H=6.5 STER S-091B UGCOM SCART 21 PIN W/
OTHERs				
		LED1 P701 IC100 TH701 T1101 T1102 T1105 T1106 T701	ODL200000CA 6620VZ0002A 381-204F 163-048D 6170VH0002A 6170VH0002A 6170VH0002A 6170VH0002A 6170VMCA65A	SAM5670(DL-2LRG) BK Y-GREEN IS7007 I-SHENG AC SOCKET 52PIN(1.78-15.24 AMMON) KL15L2R5 SSANSHIN +/- 15% 12 UI-11.7 860000UH 1-CH 5W TRS UI-11.7 860000UH 1-CH 5W TRS UI-11.7 860000UH 1-CH 5W TRS UI-11.7 860000UH 1-CH 5W TRS EER3019 450UH RZ-15/20LA70
MISCELLANEOUS				
		PA1101 TU401 VA701	6726TV0001A 6700PF0002A 164-003K	REMOTE CONTROLLER RECEIVER, TSOP4838S01 VISHAY 38.0KHZ TUNER, TAFHI-S312D LG PAL FS LE/LL-1 VARISTOR, SVC621D-14A ILJIN 620V 0% UL
ACCESSORIES				
		OWNERS/M R/CON P/CORD CABLE ASSY Connector,D-sub	3828VA0450S 6710V00126F 6410VPH001A 6851V00004D 6866VA9001A	ML024E AK LG KA/RU/EN 126F T ML024E W/O PIP RZ-15LA70 40 SP023+IS034 H05VV I-SHENG PC AUDIO TO AUDIO 2000MM(WHITE) 2990-9C AT ... L1830,COOL GR

CIRCUIT DIAGARM FOR ML024D CHASSIS





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