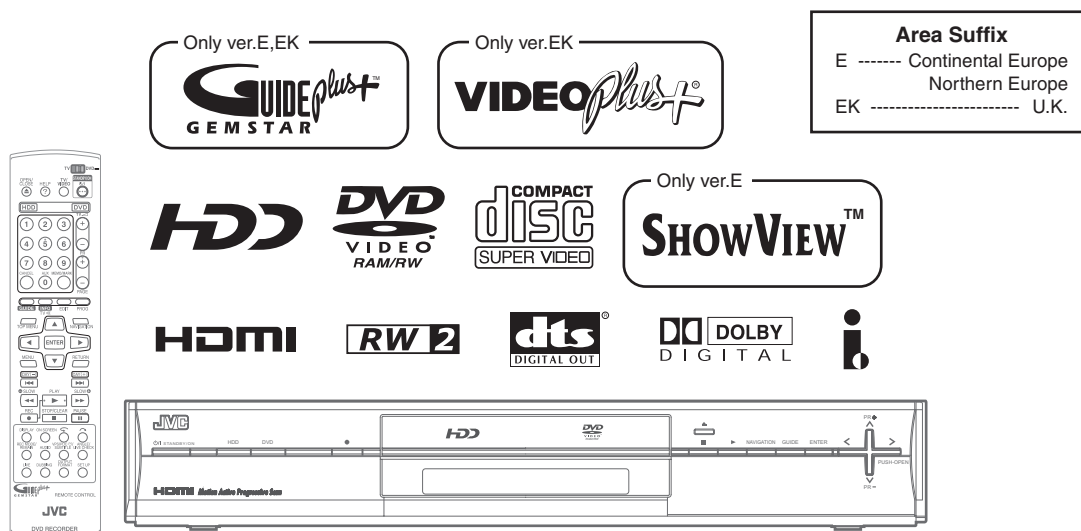


JVC

SERVICE MANUAL

HDD&DVD VIDEO RECORDER

DR-MH300BE2, DR-MH300BEK2, DR-MH300SE2, DR-MH300SEK2, DR-ED400SE2



DR-MH300BE2, DR-MH300BEK2, DR-MH300SE2,
DR-MH300SEK2, DR-ED400SE2 [D5HR10]

Since the whole mechanism assembly unit is replaced, the DVD recorder mechanism of this unit need not be adjusted.

This model is a model to whom the DVD drive unit and some parts are changed based on DR-MH300B, DR-MH300S, DR-ED400S.

Please see page 3 about details and the distinction method.

For details other than those described in this manual, please refer to the DR-MH300B, DR-MH300S, DR-ED400S service manual (Issue No.YD089 2005/12).

TABLE OF CONTENTS

1	PRECAUTION.....	1-4
2	SPECIFIC SERVICE INSTRUCTIONS.....	1-4
3	DISASSEMBLY.....	1-5
4	ADJUSTMENT.....	1-11
5	TROUBLESHOOTING.....	1-12

SPECIFICATION

	DR-MH300BE2,DR-MH300SE2,DR-ED400SE2	DR-MH300BEK2,DR-MH300SEK2
GENERAL		
Power requirement	AC 220 V - 240 V~, 50 Hz/60 Hz	
Power consumption	Power on : 36 W Power off : 6.4 W	
Temperature	Operating : 5°C to 35°C Storage : -20°C to 60°C	
Operating position	Horizontal only	
Dimensions (W × H × D)	435 mm × 70 mm × 300 mm	
Weight	4.6 kg	
VIDEO/AUDIO (DVD Deck)		
Recordable disc	DVD-RAM 12 cm (4.7 GB/9.4 GB*1),DVD-RAM 8 cm (1.4 GB/2.8 GB*2),DVD-R 12 cm (4.7 GB),DVD-R 8 cm (1.4 GB),DVD-RW 12 cm (4.7 GB),DVD-RW 8 cm (1.4 GB) *1 9.4 GB double-sided discs *2 2.8 GB double-sided discs	
Recording format	DVD-RAM : DVD Video Recording format DVD-R : DVD Video format, DVD Video Recording format DVD-RW : DVD Video format, DVD Video Recording format	
Recording time	Maximum 8 hours (with 4.7 GB disc) (XP) : Approx. 1 hour, (SP) : Approx. 2 hours, (LP) : Approx. 4 hours, (EP) : Approx. 6 hours, (FR) : Approx. 1 hour - 8 hours	
Audio recording system	Dolby Digital (2 ch) Linear PCM (XP mode only)	
Video recording compression system	MPEG2 (CBR/VBR)	
VIDEO/AUDIO (HDD Deck)		
Capacity	160 GB	
Recording time	(DV) : Approx. 11 hours,(XP) : Approx. 34 hours,(SP) : Approx. 69 hours,(LP) : Approx. 138 hours, (EP) : Approx. 209 hours,(FR480) : Approx. 300 hours	
Audio recording system	Dolby Digital (2 ch) Linear PCM (XP mode only)	
Video recording compression system	MPEG2 (VBR)	
Input/Output		
21-pin SCART connectors	IN/OUT X 1, IN/DECODER X 1	
S-video input	Y:1.0 Vp-p,75 ohms C : 0.3Vp-p, 75 ohms	
Video input	1.0 Vp-p, 75 ohms (pin jack)	
Audio input	2 Vrms (pin jack)	
i.Link	4-pin for DV Input/Output	
Component video output	Y : 1.0 Vp-p, 75 ohms PB/PR: 0.7 Vp-p, 75 ohms Corresponding to copy protection	
HDMI output	19-pin, Corresponding to HDCP Video : 576i/576p/1080i/720p Audio : 2 ch PCM/Bitstream	
Digital audio output	Coaxial Corresponding to Dolby Digital and DTS Digital Surround, Bit stream Selectable in digital audio output setting menu	
G-LINK	3.5 mm Jack	
TUNER/TIMER		
Tuning system	Frequency synthesised tuner	
Signal system	PAL/SECAM colour signal, 625 lines/50 fields	PAL colour signal,625 lines/50 fields
TV channel storage capacity	99 positions (+AUX position)	
Channel coverage(SECAM-L)	-	
Channel coverage(PAL)	VHF : 47 MHz - 89 MHz/ 104 MHz - 300 MHz/ 302 MHz - 470 MHz UHF : 470MHz - 862MHz	VHF : 44.5MHz - 143MHz/ 143MHz - 470MHz/ UHF : 470MHz - 862MHz
Memory backup time	Approx. 10 minutes.	

E. & O.E. Design and specifications subject to change without notice.

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About this service manual

This model is a model to whom the DVD drive unit and some parts are changed based on DR-MH300BE,DR-MH300BEK,DR-MH300SE,DR-MH300SEK,DR-ED400SE.

Since the way of recognizing is explained below, in the case of DR-MH300BE2, DR-MH300BEK2,DR-MH300SE2,DR-MH300SEK2,DR-ED400SE2, please use this manual. In the case of DR-MH300BE,DR-MH300BEK,DR-MH300SE,DR-MH300SEK,DR-ED400SE, please refer to another service manual (No.YD089 2006/2).

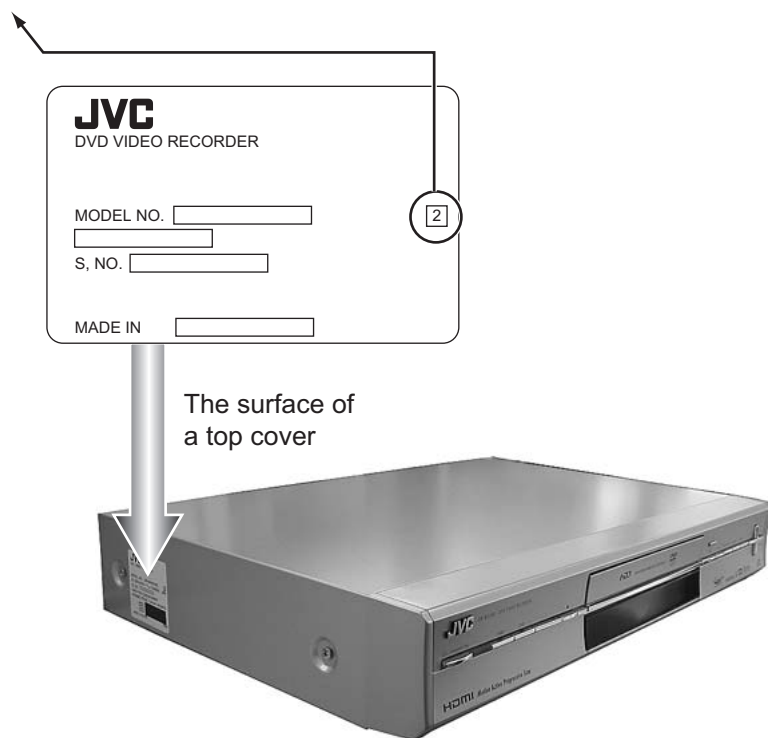
HOW TO IDENTIFY MODELS

How to recognize from the appearance of the model concerned is written below.

Please distinguish from several contents currently printed on the rating label of the left side on main body.

BLANK : DR-MH300BE,DR-MH300BEK,DR-MH300SE,DR-MH300SEK,DR-ED400SE

2 : DR-MH300BE2,DR-MH300BEK2,DR-MH300SE2,DR-MH300SEK2,DR-ED400SE2



SECTION 1 PRECAUTION

Please refer to "DR-MH300BE, DR-MH300BEK, DR-MH300SE, DR-MH300SEF, DR-MH300SEK, DR-MH300SER, DR-ED400SE (issue number : YD089)" about this section.

SECTION 2 SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3 DISASSEMBLY

3.1 Main body section

3.1.1 Remove the top cover (See figure 1)

- (1) Remove the four screws **A** attaching the top cover on both sides of the main body.
- (2) Remove the five screws **B** attaching the top cover on the back of the main body.
- (3) Raise the both sides and lower part of the rear of the top cover, with opening them slightly in an outward direction. And the top cover will be removed.



Fig.1

3.1.2 Remove the front panel assembly and HDD (See figure 2, figure 3, figure 4)

- Prior to performing the following procedure, remove the top cover.
 - There is no need to remove the drive unit.
- (1) Remove the five screws **C** attaching the HDD and bracket.
 - (2) Disconnect the card wire from connector [CN2201](#) on the digital board.
 - (3) Disconnect the socket wire from connector [CN5304](#) on the main board.
 - (4) Disconnect the card wire from connector on the HDD.
 - (5) Disconnect the card wire from connector [CN4001](#) on the main board.
 - (6) Disconnect the card wires from connector [CN7002](#), [CN7003](#) on the display board.
 - (7) Remove the two screws **D** attaching the front panel assembly.
 - (8) Hooks **a** and **b** are removed respectively, and the front panel assembly is removed.

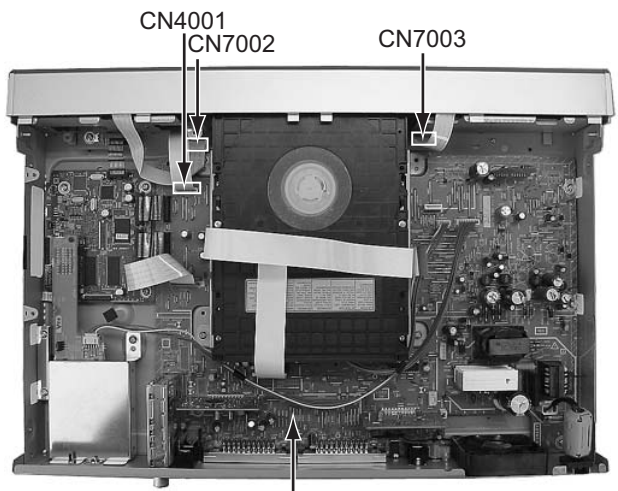


Fig.3

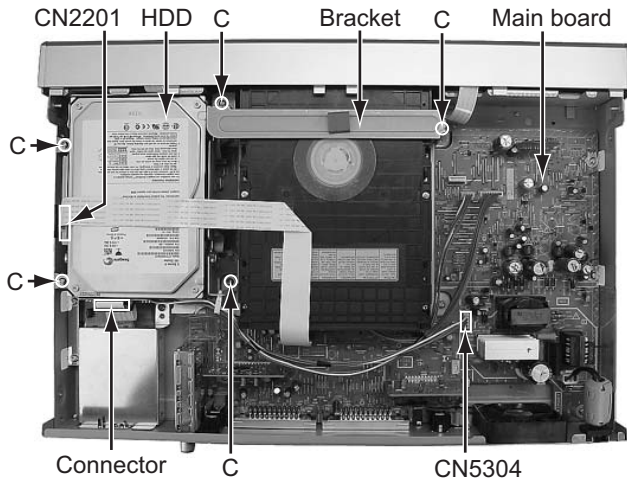


Fig.2

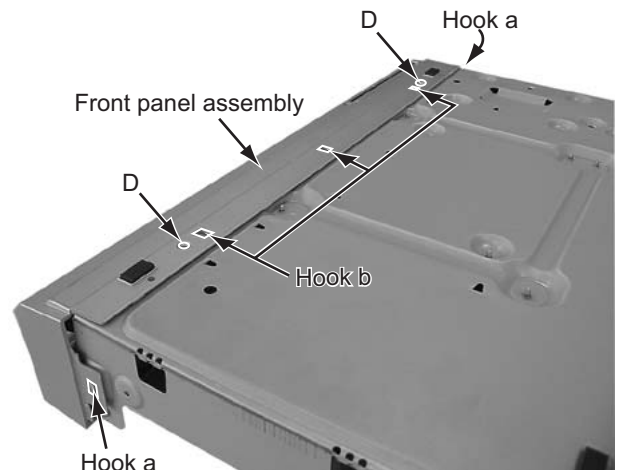


Fig.4

3.1.3 Remove the drive unit (See figure 5)

- Prior to performing the following procedure, remove the top cover.
- There is no need to remove the front panel assembly.
 - (1) Disconnect the socket wire from connector [CN5302](#) on the main board.
 - (2) Disconnect the card wire from connector [CN2201](#) on the digital board.
 - (3) Remove the five screws **E** attaching the drive unit and bracket.

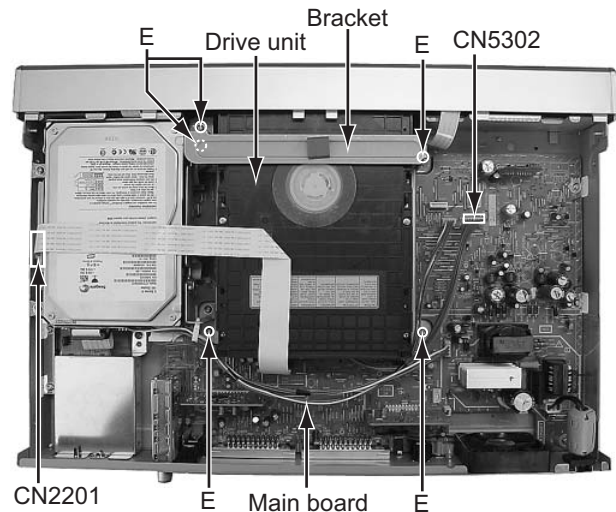


Fig.5

3.1.4 Remove the HDMI board and digital board (See figure 6, figure 7)

- Prior to performing the following procedure, remove the top cover and HDD.
- (1) Disconnect the socket wire from connector [CN2404](#) on the HDMI board.
- (2) Remove the three screws **F** attaching the HDMI board.
- (3) Remove the two screws **G** (**G1**, **G2**) attaching the HDMI board from rear side.
- (4) Disconnect the connector from [CN2401](#) on the HDMI board from digital board.
- (5) Disconnect the card wire from connector [CN1103](#) on the digital board.
- (6) Disconnect the socket wire from connector [CN1101](#), [CN1102](#), [CN1801](#) on the digital board.
- (7) Remove the four screws **H** attaching the digital board.

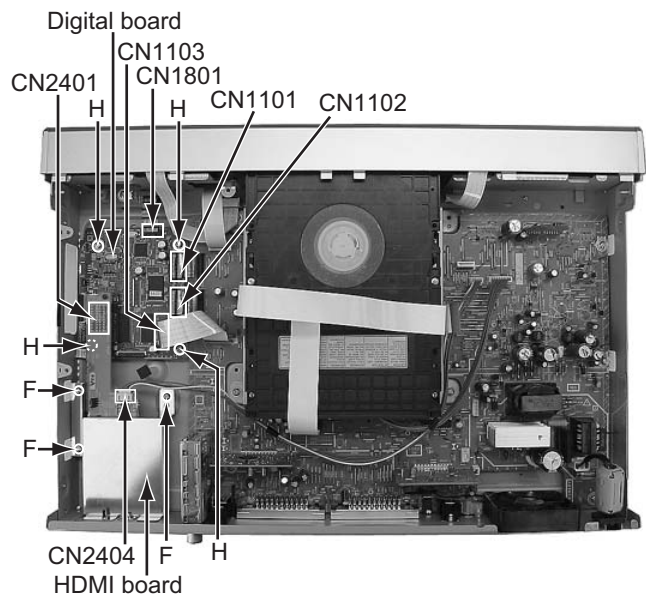
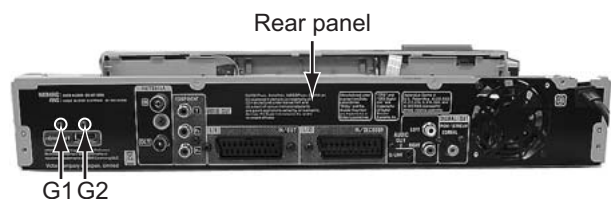


Fig.6



Torque

Please note tightening too much.

G1 --- 0.784 N-m +/- 0.078N-m (8.0 kgf-cm +/- 0.8 kgf-cm)
G2 --- 0.25 N-m ~ 0.35N-m (2.6 kgf-cm ~ 3.6 kgf-cm)

Fig.7

3.1.5 Remove the main board (See figure 8, figure 9)

- Prior to performing the following procedure, remove the top cover, drive unit, HDD.
- (1) Disconnect the card wire from connector [CN4103](#), [CN4001](#) on the main board.
- (2) Disconnect the socket wire from connector [CN1101](#), [CN1102](#), [CN7001](#) on the digital board and display board.
- (3) Disconnect the socket wire from connector [CN3004](#), [CN5303](#) on the main board.
- (4) Disconnect the power cord from connector [CN5001](#) on the main board.
- (5) Remove the six screws **I** attaching the main board.
- (6) Remove the seven screws **J** attaching the rear panel with main board.
- (7) Remove the one screw **K** attaching the tuner.

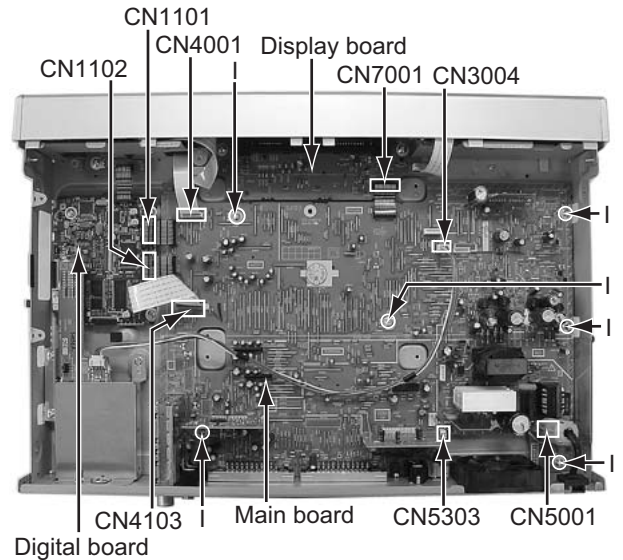


Fig.8

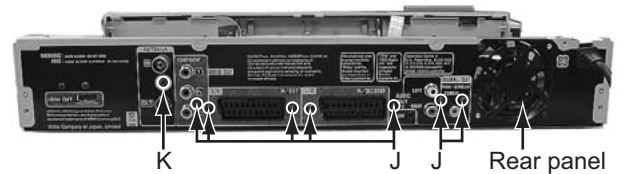


Fig.9

3.1.6 Remove the display board (See figure 10)

- Prior to performing the following procedure, remove the top cover, drive unit, HDD, front panel assembly.
- (1) Disconnect the socket wire from connector [CN7001](#) on the display board.
- (2) Remove the two screws **L** attaching the display board.

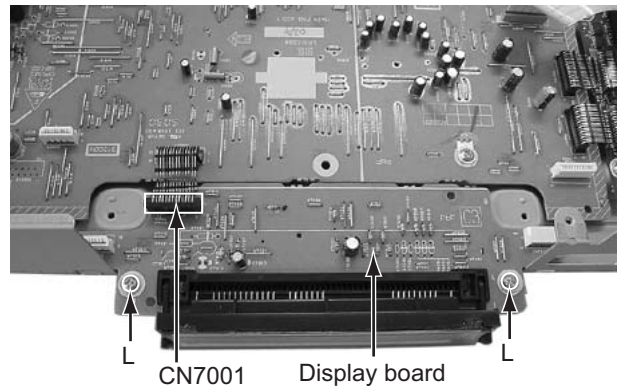


Fig.10

3.2 DVD Drive unit section

3.2.1 Remove the top cover and tray (See figure 1, figure2, figure3, figure4)

- (1) The part **a** on the reverse side of a DVD drive unit is made to slide in the direction of an arrow. (A tray ejects a few.)
- (2) Remove the four screws **A** attaching the top cover.
- (3) Hooks **b** are removed, and the top cover is removed.
- (4) The tray is drawn out forward.
- (5) Remove the two screws **B** attaching the shaft guide, and hook **c** is removed.
- (6) It draws it out while lifting the tray in the direction of the arrow.

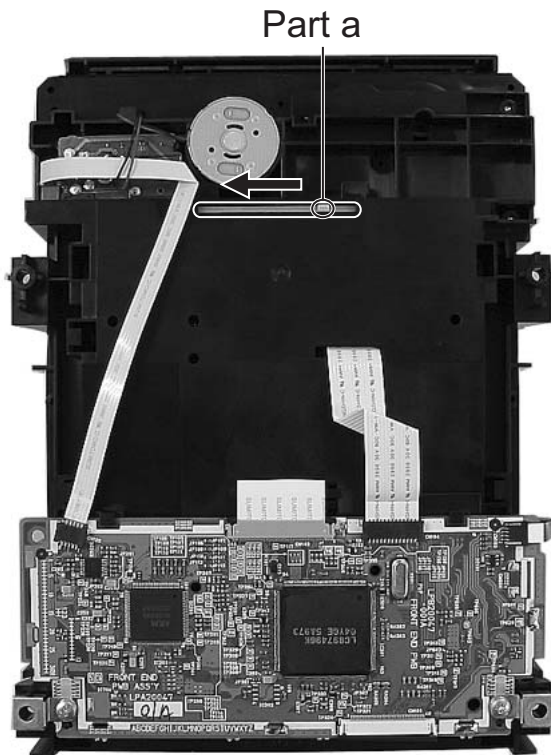


Fig.1

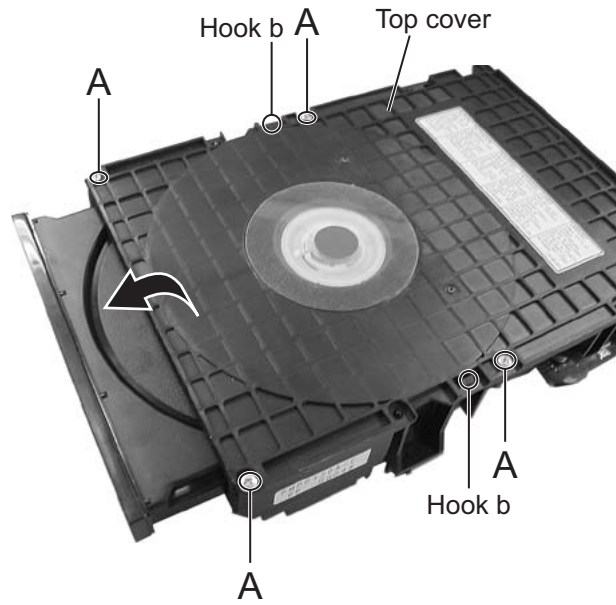


Fig.2

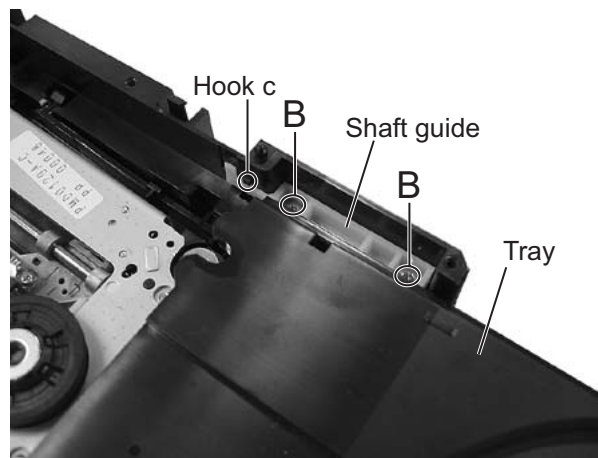


Fig.3

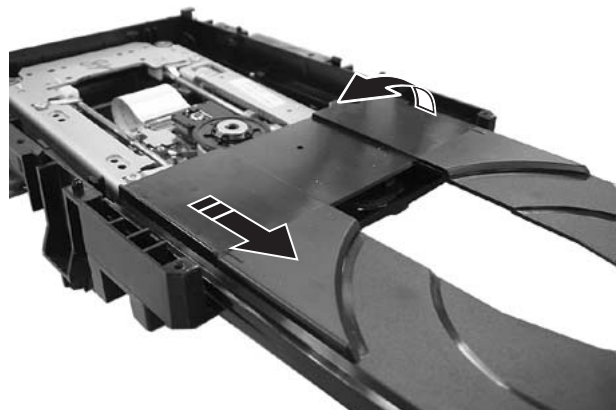


Fig.4

3.2.2 Reassembly the tray (See figure 5)

- (1) The slide cam is done in the slide in the direction of the arrow.
- (2) The shaft guide is done in the slide in the direction in the back.
- (3) The left side of the tray is inserted in the rail of the loading base, and the shaft guide is built in.
- (4) Please push the tray, and confirm whether the tray is normally good to the close position at the slide by manual.

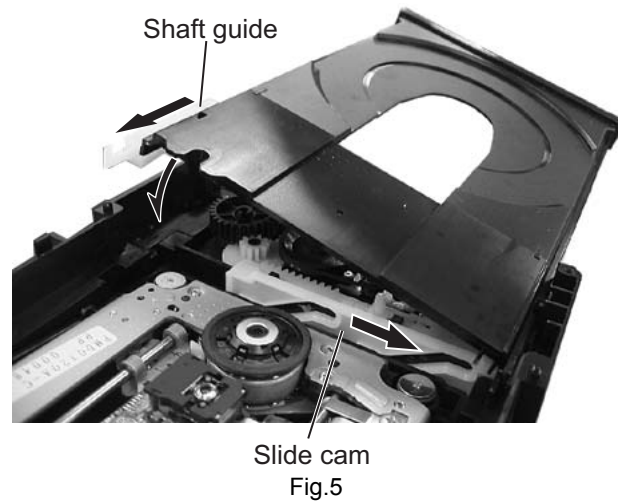


Fig.5

3.2.3 Remove the traverse mechanism assembly (See figure 6, figure 7)

- Prior to performing the following procedure, remove the top cover, tray.

- (1) Disconnect the FFC wire from connector on the pick-up unit.

ATTENTION:

The laser diode of "pick-up" might be destroyed by static electricity. Please work after installing the wristband. In addition, please do not touch in each part, the terminal, and the laser diode terminal on the substrate of the pick-up unit. Never

- (2) Disconnect the FFC wire from connector [CN103](#), [CN104](#) on the servo control board.
- (3) Remove the four screws **C** attaching the traverse mechanism assembly.

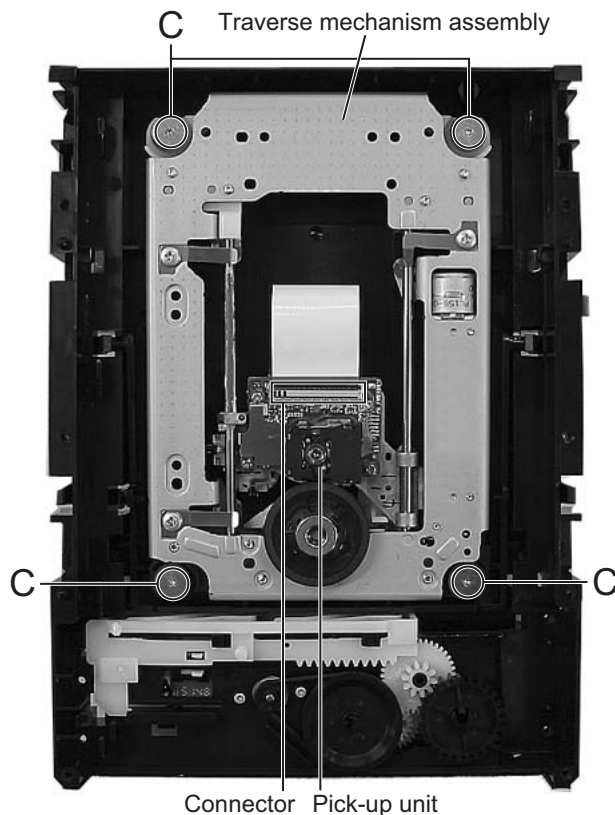


Fig.6



Fig.7

3.2.4 Remove the servo control board (See figure 7)

- (1) Disconnect the FFC wire from connector [CN102](#), [CN103](#), [CN104](#), [CN105](#) on the servo control board.
- (2) Remove the two screws **D** attaching the servo control board.
- (3) Hooks **d** is removed, and the servo control board is removed.

3.2.5 Remove the loading motor (See figure 8, figure 9)

- Prior to performing the following procedure, remove the top cover, tray.
 - (1) Remove the solder part **e** soldered on the switch board.
 - (2) A belt is removed.
 - (3) Remove the two screws **E** attaching the loading motor.

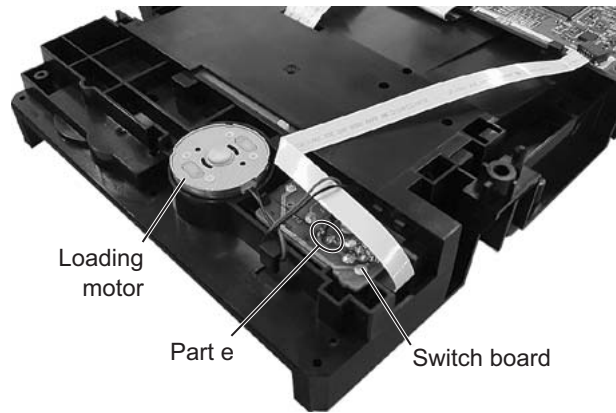


Fig.8

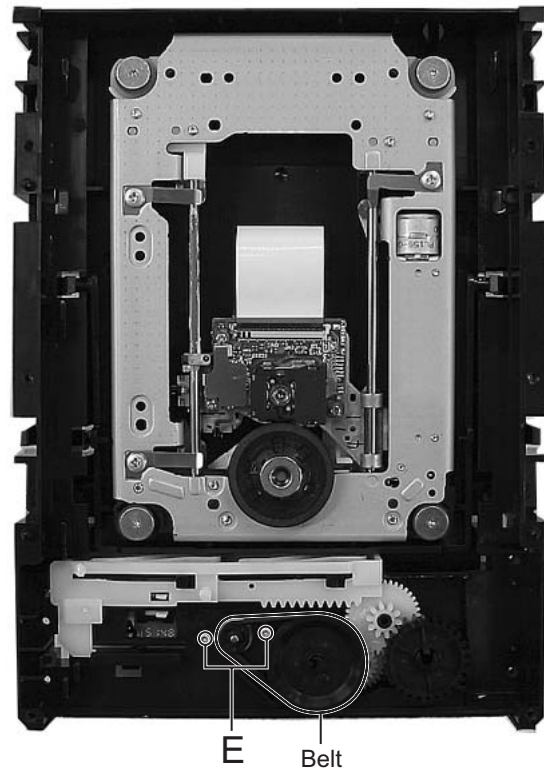


Fig.9

SECTION 4 ADJUSTMENT

4.1 Timer clock adjustment (for only ver.E)

If an error comes to arise for a clock, the following procedure will adjust.

Signal	(A1)	No signal
Mode	(B)	EE
Equipment	(C)	Frequency counter
Measuring point	(D1) (D2) (D3)	IC3001 pin 29 IC3001 pin 83 C3021 + and -
Adjustment part	(F)	C3033 (TIMER CLOCK)
Specified value	(G1)	1024.008 $\pm$ 0.001 Hz (976.5549 $\pm$ 0.0010 μ sec)

- (1) Connect the frequency counter to the measuring point (D1).
- (2) Connect the short wire between the short point (D2) and Vcc (5V).
- (3) Short the leads of capacitor (D3) once in order to reset the microprocessor of the system controller.
- (4) Disconnect the short wire between the short point (D2) and Vcc then connect it again.
- (5) Adjust the Adjustment part (F) so that the output frequency becomes the specified value (G).

SECTION 5

TROUBLESHOOTING

5.1 JIG Mode

Please refer to "DR-MH300BE, DR-MH300BEK,DR-MH300SE,DR-MH300SEF,DR-MH300SEK, DR-MH300SER,DR-ED400SE (issue number : YD089)" about this section.

5.2 Displaying SYSTEM INFO

Please refer to "DR-MH300BE, DR-MH300BEK,DR-MH300SE,DR-MH300SEF,DR-MH300SEK, DR-MH300SER,DR-ED400SE (issue number : YD089)" about this section.

5.3 Updating the firmware of the main body

Please refer to "DR-MH300BE, DR-MH300BEK,DR-MH300SE,DR-MH300SEF,DR-MH300SEK, DR-MH300SER,DR-ED400SE (issue number : YD089)" about this section.

5.4 Updating the firmware of the drive unit

Please refer to "DR-MH300BE, DR-MH300BEK,DR-MH300SE,DR-MH300SEF,DR-MH300SEK, DR-MH300SER,DR-ED400SE (issue number : YD089)" about this section.

5.5 Taking out a disc

< Method 1 >

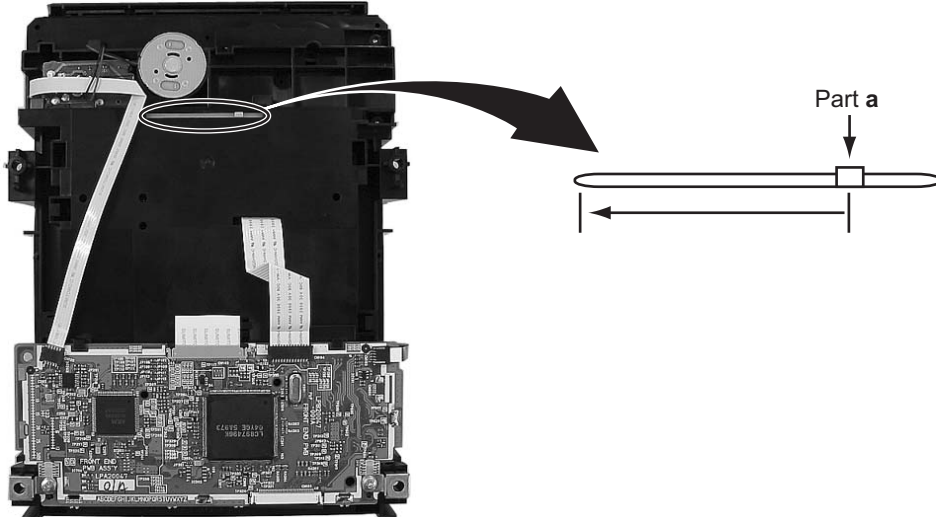
There is a forced tray eject mode with electrical operation.

- (1) Right after plugging in the power code (while "PLEASE" and "WAIT" blink alternately and it is displayed), keep pressing the OPEN/CLOSE button of the main body.
- (2) Remove the disc as the tray is ejected in a short while.
- (3) The tray closes automatically at about five seconds.

< Method 2 >

When < Method 1 > can not remove the disc, the tray can be ejected mechanically without turning the power on.

- (1) The DVD drive unit is detached from the main body.
- (2) The part **a** on the reverse side of a drive unit is made to slide in the direction of an arrow with a screw driver etc.
- (3) As the tray ejects a little, pull out the tray manually.



5.6 Exchanging the fitting

There is no fitting in DVD drive units of the repair parts, make sure to attach a service fitting when the drive unit is exchanged. The fitting that is removed from the old drive unit can be attached to the new drive unit. The fitting can be removed by pulling upwards while opening out the lower part of the fitting outwards.



5.7 Initialization to the factory shipment state

Please refer to "DR-MH300BE, DR-MH300BEK,DR-MH300SE,DR-MH300SEF,DR-MH300SEK, DR-MH300SER,DR-ED400SE (issue number : YD089)" about this section.

5.8 Setting after the drive unit replacement

Please refer to "DR-MH300BE, DR-MH300BEK,DR-MH300SE,DR-MH300SEF,DR-MH300SEK, DR-MH300SER,DR-ED400SE (issue number : YD089)" about this section.

5.9 When it is displayed in FDP, 'RESETTING'

Please refer to "DR-MH300BE, DR-MH300BEK,DR-MH300SE,DR-MH300SEF,DR-MH300SEK, DR-MH300SER,DR-ED400SE (issue number : YD089)" about this section.



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(No.YD089B)



Printed in Japan
VPT

JVC

SCHEMATIC DIAGRAMS

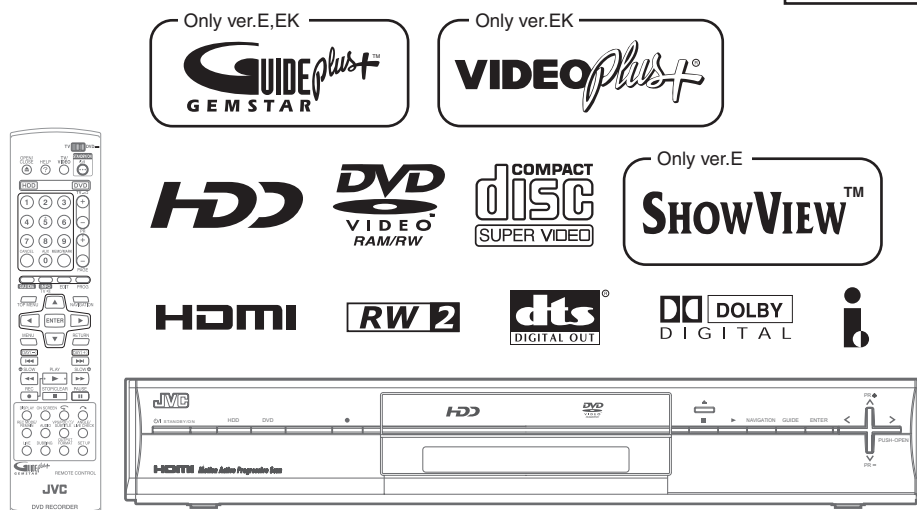
HDD & DVD VIDEO RECORDER

DR-MH300BE2, DR-MH300BEK2, DR-MH300SE2, DR-MH300SEK2, DR-ED400SE2

CD-ROM No.SML200602

Area Suffix

E ----- Continental Europe
Northern Europe
EK ----- U.K.



DR-MH300BE2, DR-MH300BEK2, DR-MH300SE2,
DR-MH300SEK2, DR-ED400SE2 [D5HR10]

Since the whole mechanism assembly unit is replaced, the DVD recorder mechanism of this unit need not be adjusted.

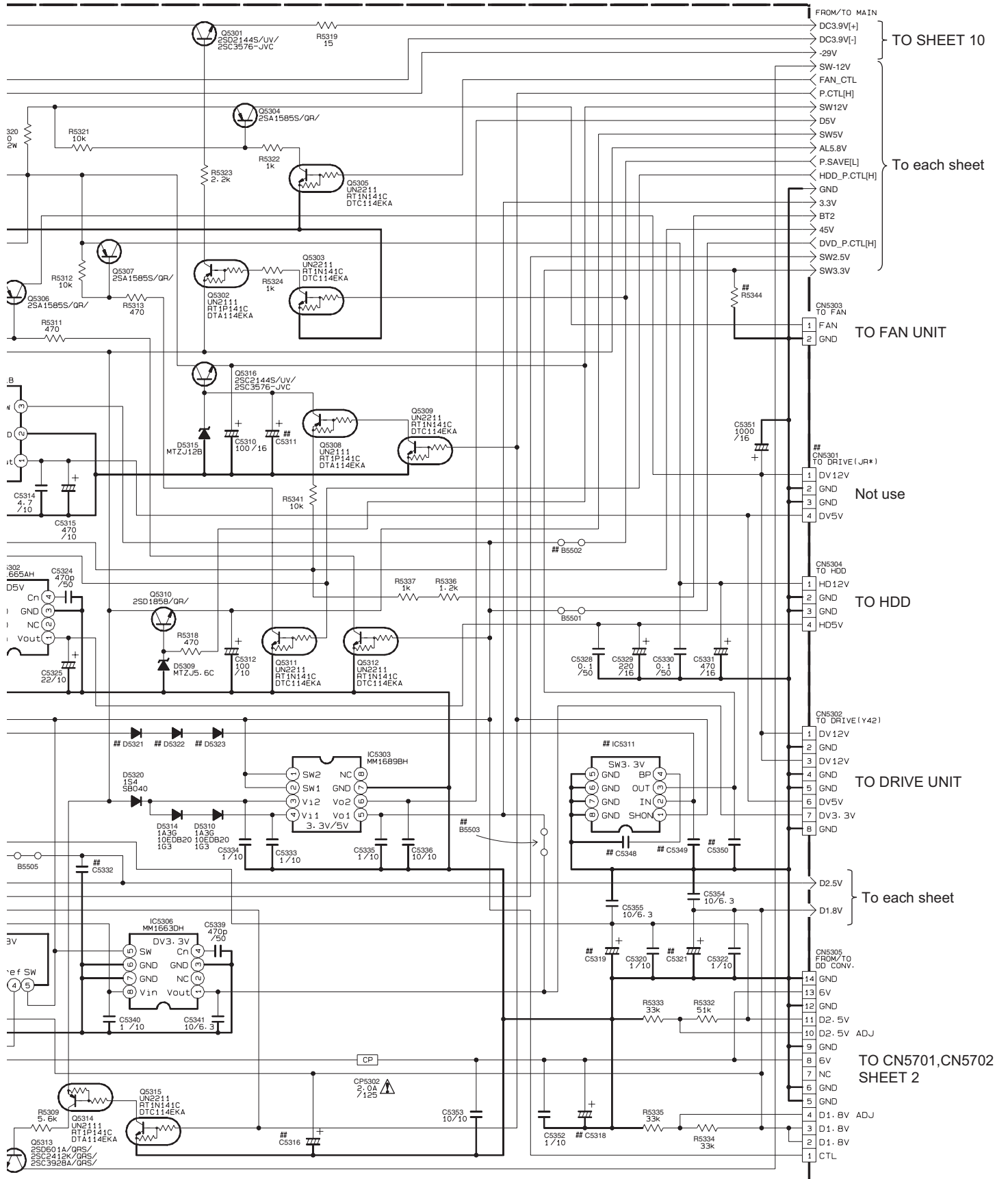
This model is a model to whom the DVD drive unit and some parts are changed based on DR-MH300B, DR-MH300S, DR-ED400S.

Please see page 1-3 about details and the distinction method.

For details other than those described in this manual, please refer to the DR-MH300B, DR-MH300S, DR-ED400S service manual (Issue No.YD089 2005/12).

■ Power supply section





p20518001a_rev0

SHEET 1



Victor Company of Japan, Limited

Digital Video Storage Category 12, 3-chome, Moriya-cho, kanagawa-ku, Yokohama, kanagawa-prefecture, 221-8528, Japan

No.YD089BSCH



Printed in Japan
VPT

PARTS LIST

[DR-MH300BE2,DR-MH300BEK2,
DR-MH300SE2,DR-MH300SEK2,DR-ED400SE2]

*** SAFETY PRECAUTION**

Parts identified by the $\triangle$ symbol are critical for safety. Replace only with specified part numbers.

*** BEWARE OF BOGUS PARTS**

Parts that do not meet specifications may cause trouble in regard to safety and performance. We recommend that genuine JVC parts be used.

* (x_) in a description column shows the number of the used part.

Area Suffix

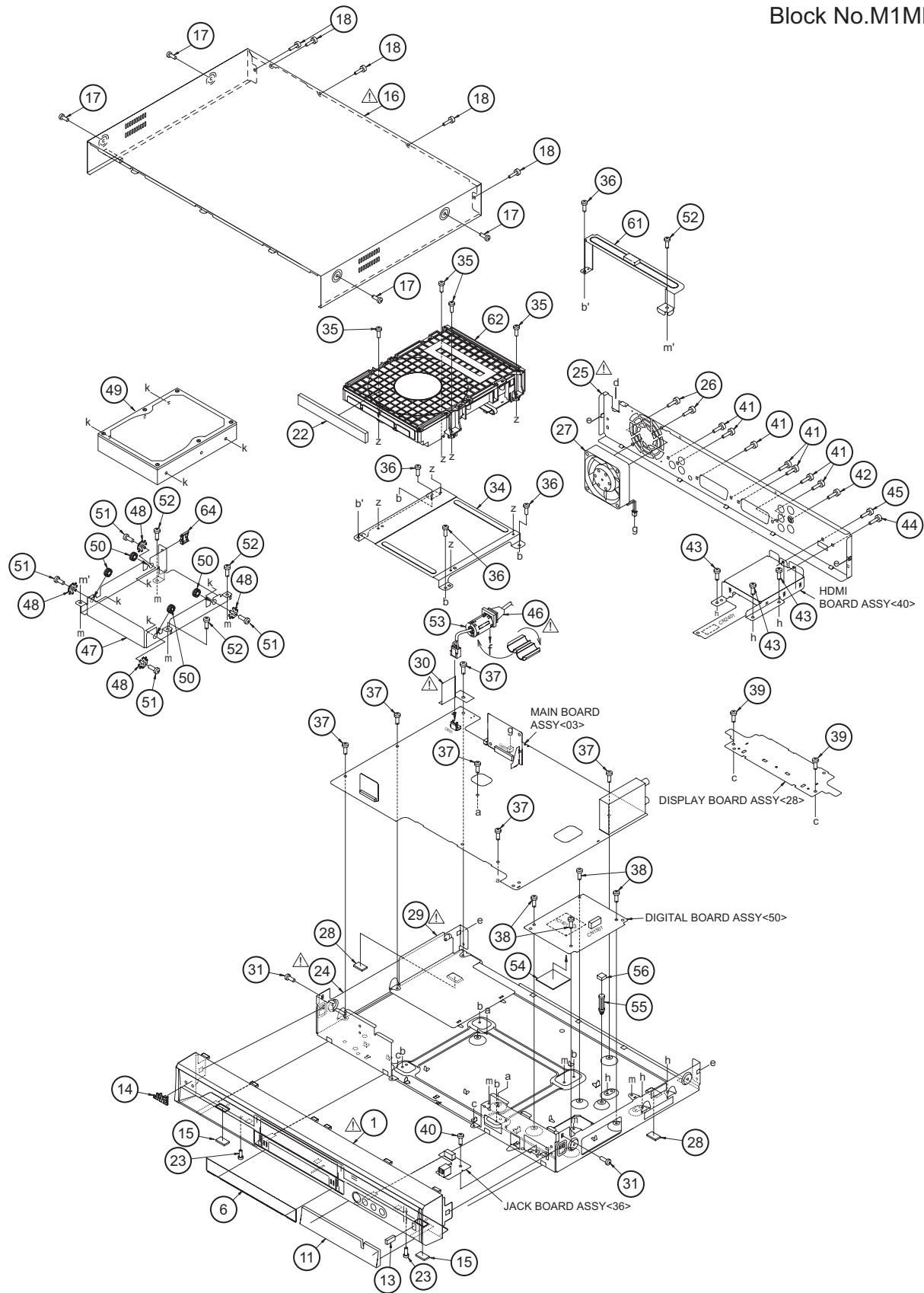
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EK	-----	U.K

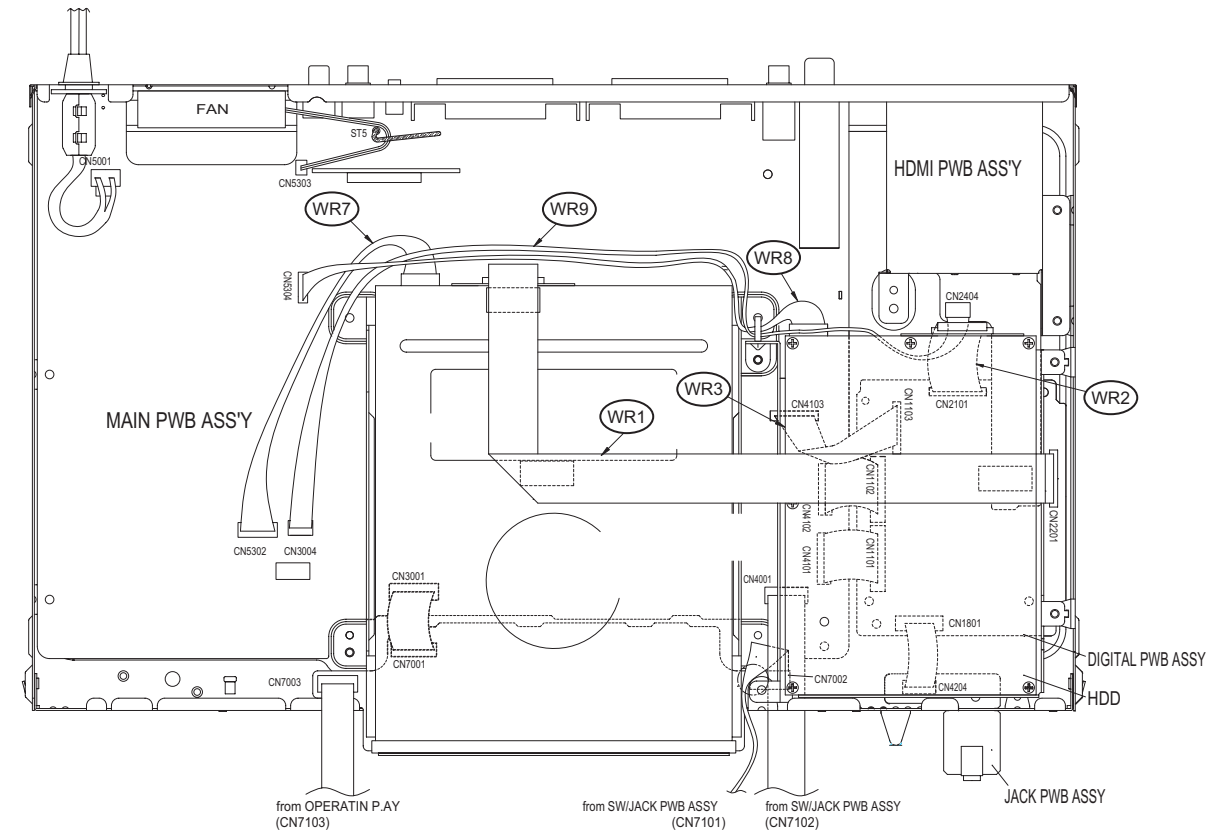
- Contents -

Exploded view of general assembly and parts list	3-2
DVD mechanism assembly and parts list	3-6
Electrical parts list	3-8
Packing materials and accessories parts list	3-21

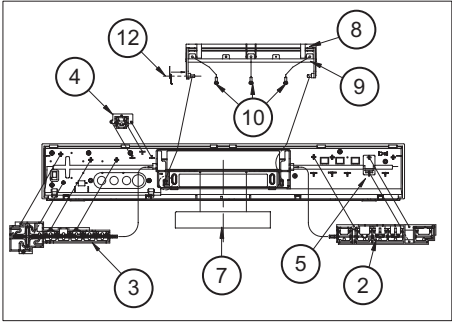
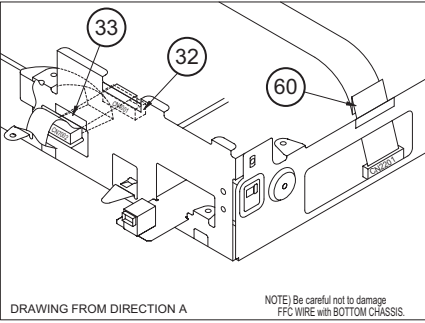
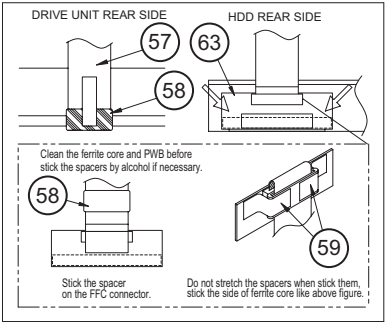
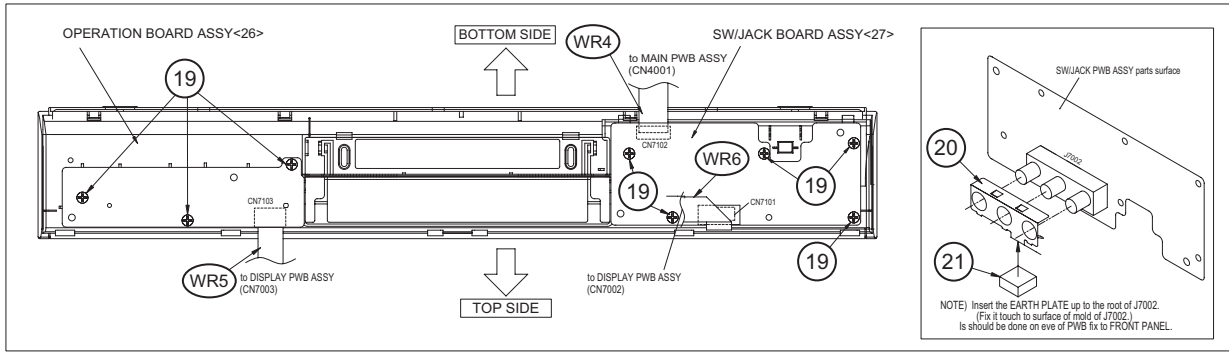
Exploded view of general assembly and parts list

Block No.M1MM





FRONT PANEL SUB ASS'Y



General assembly

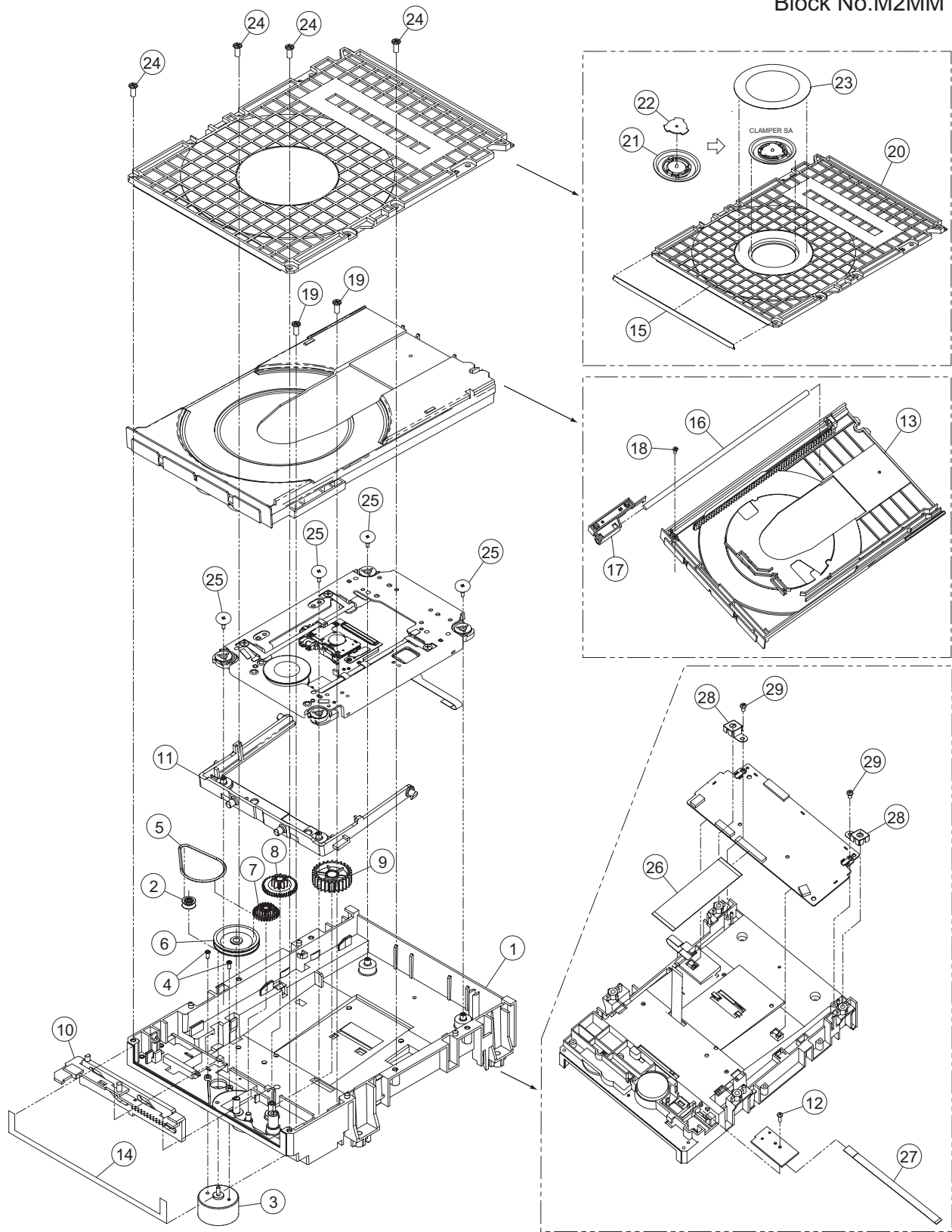
Block No. [M][1][M][M]

△ Symbol No.	Part No.	Part Name	Description	Local
△ 1	LP10581-017A	FRONT PANEL		400SE
△ 1	LP10581-012B	FRONT PANEL		300BE,300BEK
△ 1	LP10581-011B	FRONT PANEL		300SE,300SEK
2	LP31543-001C	P.BUTTON ASSY		400SE,300SE,300SEK
2	LP31543-002B	P.BUTTON ASSY		300BE,300BEK
3	LP21357-001C	P.BUTTON(R)		400SE,300SE,300SEK
3	LP21357-002B	P.BUTTON(R)		300BE,300BEK
4	LP21352-001A	P.BUTTON(EJ)		400SE,300SE,300SEK
4	LP21352-002A	P.BUTTON(EJ)		300BE,300BEK
5	LP31477-001A	REMOTE LENS		400SE,300SE,300SEK
5	LP31477-002A	REMOTE LENS		300BE,300BEK
6	LP31474-002A	WINDOW SCREEN		
7	LP31484-001A	FL SCREEN		
8	LP21376-003B	LID		400SE,300SE,300SEK
8	LP21376-004B	LID		300BE,300BEK
9	LP21355-001B	LENS		400SE,300SE,300SEK
9	LP21355-002A	LENS		300BE,300BEK
10	QYSDSF2005ZA	TAP SCREW	FOR LENS(x3)	
11	LP21353-008A	DOOR(R)		400SE,300SE
11	LP21353-009A	DOOR(R)		300BE
11	LP21353-016A	DOOR(R)		300BEK
11	LP21353-012A	DOOR(R)		300SEK
12	LP41219-001B	SPRING		
13	QZW0020-001	LATCH		
14	GN40020-002A	JVC MARK		
15	LP30002-0K1A	SPACER	(x2)	
△ 16	LP21361-002A	TOP COVER	(SERVICE)	400SE,300SE,300SEK
△ 16	LP21361-004A	TOP COVER	(SERVICE)	300BE,300BEK
17	QYSDSGY3006RA	TAP SCREW	TOP SIDE(x4)	400SE,300SE,300SEK
17	QYSDSGY3006MA	TAP SCREW	TOP SIDE(x4)	300BE,300BEK
18	QYSDSGY3006RA	TAP SCREW	TOP REAR(x5)	400SE,300SE,300SEK
18	QYSDSGY3006MA	TAP SCREW	TOP REAR(x5)	300BE,300BEK
19	QYBSF2608ZA	TAP SCREW	FRONT PWB(x8)	
20	LP31514-001B	EARTH PLATE	FRONT JACK	
21	LP30002-0K6A	SPACER	FRONT JACK	
22	LP21424-001A	FITTING(DVD)		
23	QYSSST3006ZA	TAP SCREW	F.P BOTTOM(x2)	
△ 24	LP10578-001A	BOTTOM CHASSIS		
△ 25	LP21362-009A	REAR PANEL		
26	QYSDSF3008MA	TAP SCREW	FAN(x2)	
27	QAR0349-001	COOLING FAN		
28	LP30002-0K1A	SPACER	FOOT(x2)	
△ 29	LP31485-001A	PROTECT SHEET		
△ 30	LV44381-001A	BARRIER		
31	QYSDSG3008ZA	TAP SCREW	SIDE(x2)	
32	LP30002-0F6A	SPACER	FRONT FFC	
33	LP30002-0F6A	SPACER	FRONT WIND	
34	LP21429-001A	DVD BKT		
35	QYSBSG3012MA	TAP SCREW	DRIVE(x4)	400SE
35	QYSBSG3012ZA	TAP SCREW	DRIVE(x4)	300BE,300BEK,300SE,300SEK
36	QYSBSGG3006ZA	TAP SCREW	DVD BKT(x4)	
37	QYSBSGG3006ZA	TAP SCREW	MAIN PWB(x6)	
38	QYSBSGG3006ZA	TAP SCREW	DIGI PWB(x4)	
39	QYSBSGG3006ZA	TAP SCREW	FL PWB(x2)	
40	QYSBSGG3006ZA	TAP SCREW	DV PWB	
41	QYSBSGY3008MA	TAP SCREW	JACK(x7)	
42	QYSBST3004MA	TAP SCREW	TUNER	
43	QYSBSGG3006ZA	TAP SCREW	HDMI BKT(x3)	
44	QYSBSGY3008MA	TAP SCREW	HDMI BKT	
45	QYSBST3004MA	TAP SCREW	HDMI JACK	
△ 46	QMP4A10-170-K	POWER CORD	1.7m BLACK	400SE,300BE,300SE
△ 46	QMPN330-170-K	POWER CORD(EK)	1.7m BLACK	300BEK,300SEK
47	LP21366-001A	HDD BKT	HDD	
48	LP41279-001A	SPRING	HDD SCREW(x4)	
49	LP40278-010A	HDD	(SERVICE)	
50	LP41257-001A	DAMPER	HDD(x4)	
51	LP41220-001A	SPECIAL SCREW	HDD(x4)	
52	QYSBSGG3006ZA	TAP SCREW	HDD BKT(x4)	
53	QQR0491-001	FERRITE CORE	AC CORD	
54	LP40769-001A	SPACER	FOR IC1401	
55	LC42166-001A	PC SUPPORT		
56	LP30002-0K7A	SPACER		
57	LP30002-0F6A	SPACER	DVD F.CORE	
58	QQR1634-001	FERRITE CORE	HDD DVD(x2)	
59	LP30002-0F6A	SPACER	FFC F.CORE(x2)	
60	LP30002-0F6A	SPACER	R SIDE FFC	
61	LP21431-001A	SHIELD FRAME	DVD BKT	
62	PMD0120A-C1	MECHA(D)F.ASSY		
63	QGZ0025A1-40	CONNECTOR	DRIVE&HDD	

△ Symbol No.	Part No.	Part Name	Description	Local
64	QZW0192-001	WIRE CLAMP	HDD BKT	
WR 1	QUQL05-4040AH-E	FFC WIRE	DRIVE-DIGITAL CN2201	
WR 2	QUQL05-4011AH-E	FFC WIRE	HDD-DIGITAL CN2101	
WR 3	QUQ210-1910CJ-E	FFC WIRE	MAIN CN4103-DIGITAL CN1103	
WR 4	QUQ112-1112CJ-E	FFC WIRE	MAIN CN4001-SW/JACK CN7102	
WR 5	QUQ112-1009CG-E	FFC WIRE	DISPLAY CN7003-OPERATION CN7103	
WR 6	QUQ112-1016CG-E	FFC WIRE	DISPLAY CN7002-SW/JACK CN7101	
WR 7	QJJ015-081903-E	SIN CR C-C WIRE	DRIVE-MAIN CN5302	
WR 8	QJJ032-042614-E	SIN CR C-C WIRE	HDD-MAIN CN5304	
WR 9	QJJ015-044024-E	SIN CR C-C WIRE	MAIN CN3004-HDMI CN2404	

DVD mechanism assembly and parts list

Block No.M2MM



DVD mechanism

Block No. [M][2][M][M]

△ Symbol No.	Part No.	Part Name	Description	Local
1	LP10590-002B	LOWER CASE		
2	LP41183-001A	MOTOR PULLEY		
3	QAR0347-001	LOADING MOTOR		
4	LP41117-001A	SCREW	(x2)	
5	LP41290-001A	BELT		
6	LP31519-002A	PULLEY GEAR		
7	LP31521-001A	MIDDLE GEAR		
8	LP31523-001A	MIDDLE GEAR 2		
9	LP31520-001A	DRIVE GEAR		
10	LP21396-001A	SLIDE CAM		
11	LP21397-001A	TRAVERSE HOLDER		
12	QYSDSF2008ZA	TAP SCREW	M2 x 8mm	
13	LP10591-002B	TRAY		
14	LP41287-001A	CUSHION		
15	LP41287-002A	CUSHION		
16	LE40898-001A	SHAFT		
17	LP31522-001A	SHAFT HOLDER		
18	QYSSSF2008ZA	TAP SCREW	M2 x 8mm	
19	QYSDSF2608ZA	TAP SCREW	M2.6 x 8mm(x2)	
20	LP10592-001C	TOP COVER		
21	LP31518-001A	CLAMPER		
22	LP41242-001A	YOKE		
23	LP41243-001A	COVER SHEET		
24	QYSDSF2608ZA	TAP SCREW	M2.6 x 8mm(x4)	
25	LE40901-002A	SPECIAL SCREW	(x4)	
26	QUQL05-45X7AA-E	FFC WIRE	45pin 7.5cm	
27	QUQ210-0516DJ-E	FFC WIRE	5pin 16cm	
28	LP41305-001A	EARTH PLATE	(x2)	
29	QYSDSF2608ZA	TAP SCREW	M2.6 x 8mm(x2)	

Electrical parts list

DC/DC Converter board

Block No. [0][2]

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA20041-01A	DC/DC CONVERTER BOARD ASSY		
IC5701	BD9851EFV-X	IC		
IC5710	QS5U27-W	MOS FET		
Q5720	RTQ035P02-W	MOS FET		
D5710	RB520S-30-X	SB DIODE		
D5720	RB520S-30-X	SB DIODE		
D5721	RB051L-40-X	SB DIODE		
C5710	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C5711	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C5712	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5713	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C5714	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C5715	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C5716	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C5720	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C5721	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C5722	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5723	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C5724	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C5725	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C5726	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C5730	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C5731	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C5732	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
R5710	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R5711	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R5712	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R5713	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5720	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R5721	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R5722	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R5723	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5730	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5731	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R5732	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
L5710	NQL82EN-100X	COIL	10uH N	
L5720	NQR0562-001X	CHOKO COIL		
CN5701	QGG2006K1-06	CONNECTOR	(1-6)	
CN5702	QGG2006K1-07	CONNECTOR	(1-7)	
K5710	NQR0499-002X	FERRITE BEADS		
K5720	NQR0499-002X	FERRITE BEADS		

Main board

Block No. [0][3]

Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10284-28B1	MAIN BOARD ASSY		400SE,300BE,300SE
PW1	LPA10284-29B1	MAIN BOARD ASSY		300BEK,300SEK
IC3001	MN101D10GDK	IC(MCU)	MASK	
IC3002	IC-PST3425U-X	IC		
IC3004	LPN0994-001B-31	IC(EEPROM)	*(REFER TO BELOW)	400SE,300BE,300SE
IC3004	LPN0994-002B-32	IC(EEPROM)	*(REFER TO BELOW)	300BEK,300SEK
IC4001	BH7623KS2	IC		
IC4201	LC74793-E	IC		
IC4202	MM1504XN-X	IC		
IC5101	STR-G6653-F9	IC		
IC5301	TL431/A-T	IC		

Symbol No.	Part No.	Part Name	Description	Local
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IC5301	or MM1431AT-T	IC
IC5301	or UTCTL431-T	IC
IC5302	MM1665AH-X	IC
IC5303	MM1689BH-X	IC
IC5306	MM1663DH-X	IC
IC5308	R1171S501B-X	IC
IC7301	BH7868FS-X	IC
IC7302	MM1508XN-X	IC
IC7303	TC74HC4053AF-XE	IC
IC7303	or CD74HC4053NS-X	IC
IC7304	MM1501XN-X	IC
IC8001	AK5366VQ-W	IC
IC8201	AK4385VT-X	IC
IC8201	or AK4385ET-X	IC
IC8202	RC4558D-X	IC
IC8301	LA7151-E	IC
IC8302	LA7151-E	IC
IC8303	RC4558D-X	IC
IC8501	SN74LV08APW-X	IC
Q3004	2SD601A/QRS/-X	TRANSISTOR
Q3004	or 2SC2412K/QRS/-X	TRANSISTOR
Q3004	2SC3928A/QRS/-X	TRANSISTOR
Q3005	UN2211-X	TRANSISTOR
Q3005	or DTC114EKA-X	DIGI TRANSISTOR
Q3005	or RT1N141C-X	DIGI TRANSISTOR
Q3007	UN221E-X	TRANSTSTOR
Q3007	or DTC144WKA-X	DIGI TRANSISTOR
Q3007	or RT1N44HC-X	DIGI TRANSISTOR
Q4001	2SB709A/QR/-X	TRANSISTOR
Q4001	or 2SA1037AK/QR/-X	TRANSISTOR
Q4001	or 2SA1530A/QR/-X	TRANSISTOR
Q4101	2SD2144S/UV/-T	TRANSISTOR
Q4101	or 2SC3576-JVC-T	TRANSISTOR
Q4201	2SD601A/QRS/-X	TRANSISTOR
Q4201	or 2SC2412K/QRS/-X	TRANSISTOR
Q4201	or 2SC3928A/QRS/-X	TRANSISTOR
Q5301	2SC3576-JVC-T	TRANSISTOR
Q5301	or 2SD2144S/UV/-T	TRANSISTOR
Q5302	UN2111-X	TRANSISTOR
Q5302	or DTA114EKA-X	DIGI TRANSISTOR
Q5302	or RT1P141C-X	DIGI TRANSISTOR
Q5303	UN2211-X	TRANSISTOR
Q5303	or DTC114EKA-X	DIGI TRANSISTOR
Q5303	or RT1N141C-X	DIGI TRANSISTOR
Q5304	2SA1585S/QR/-T	TRANSISTOR
Q5305	UN2211-X	TRANSISTOR
Q5305	or DTC114EKA-X	DIGI TRANSISTOR
Q5305	or RT1N141C-X	DIGI TRANSISTOR
Q5306	2SA1585S/QR/-T	TRANSISTOR
Q5307	2SA1585S/QR/-T	TRANSISTOR
Q5308	UN2111-X	TRANSISTOR
Q5308	or DTA114EKA-X	DIGI TRANSISTOR
Q5308	or RT1P141C-X	DIGI TRANSISTOR
Q5309	UN2211-X	TRANSISTOR
Q5309	or DTC114EKA-X	DIGI TRANSISTOR
Q5309	or RT1N141C-X	DIGI TRANSISTOR
Q5310	2SD1858/QR/-T	TRANSISTOR
Q5311	UN2211-X	TRANSISTOR
Q5311	or DTC114EKA-X	DIGI TRANSISTOR
Q5311	or RT1N141C-X	DIGI TRANSISTOR
Q5312	UN2211-X	TRANSISTOR
Q5312	or DTC114EKA-X	DIGI TRANSISTOR
Q5312	or RT1N141C-X	DIGI TRANSISTOR
Q5313	2SD601A/QRS/-X	TRANSISTOR
Q5313	or 2SC2412K/QRS/-X	TRANSISTOR
Q5313	or 2SC3928A/QRS/-X	TRANSISTOR
Q5314	UN2111-X	TRANSISTOR
Q5314	or DTA114EKA-X	DIGI TRANSISTOR
Q5314	or RT1P141C-X	DIGI TRANSISTOR
Q5315	UN2211-X	TRANSISTOR
Q5315	or DTC114EKA-X	DIGI TRANSISTOR
Q5315	or RT1N141C-X	DIGI TRANSISTOR
Q5316	2SC3576-JVC-T	TRANSISTOR
Q5316	or 2SD2144S/UV/-T	TRANSISTOR
Q6030	2SB709A/QR/-X	TRANSISTOR

3-8(No.YD089B) After exchanging EEPROMs, a main part does not correspond to some remote control commands at Jig RCU mode. Please cancel the Jig RCU mode of a main part after exchanging EEPROMs. Please refer to the "Canceling JIG mode" about the release method.

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
Q6030	or 2SA1037AK/QR/-X	TRANSISTOR			D5104	1SS133-T2	SI DIODE IM		
Q6030	or 2SA1530A/QR/-X	TRANSISTOR			D5104	or 1SS270A-T2	SI DIODE		
Q6031	UN2211-X	TRANSISTOR			D5105	1F4G-T2	FR DIODE		
Q6031	or DTC114EKA-X	DIGI TRANSISTOR			D5105	or 10ERB40-T2	FR DIODE		
Q6031	or RT1N141C-X	DIGI TRANSISTOR			D5105	or 1SR153-400-T2	SI DIODE		
Q7301	2SD601A/QRS/-X	TRANSISTOR			D5105	or 1F4G-G-T2	FR DIODE		
Q7301	or 2SC2412K/QRS/-X	TRANSISTOR			D5106	1F4G-T2	FR DIODE		
Q7301	or 2SC3928A/QRS/-X	TRANSISTOR			D5106	or 10ERB20-T2	FR DIODE		
Q7302	2SD601A/QRS/-X	TRANSISTOR			D5106	or 1SR153-400-T2	SI DIODE		
Q7302	or 2SC2412K/QRS/-X	TRANSISTOR			D5106	or 1F4G-G-T2	FR DIODE		
Q7302	or 2SC3928A/QRS/-X	TRANSISTOR			D5201	1F4G-T2	FR DIODE		
Q7310	2SB709A/QR/-X	TRANSISTOR			D5201	or 10ERB20-T2	FR DIODE		
Q7310	or 2SA1037AK/QR/-X	TRANSISTOR			D5201	or 1SR153-400-T2	SI DIODE		
Q7310	or 2SA1530A/QR/-X	TRANSISTOR			D5201	or 1F4G-G-T2	FR DIODE		
Q7311	2SB709A/QR/-X	TRANSISTOR			D5202	1F4G-T2	FR DIODE		
Q7311	or 2SA1037AK/QR/-X	TRANSISTOR			D5202	or 10ERB20-T2	FR DIODE		
Q7311	or 2SA1530A/QR/-X	TRANSISTOR			D5202	or 1SR153-400-T2	SI DIODE		
Q7312	UN221E-X	TRANSISTOR			D5202	or 1F4G-G-T2	FR DIODE		
Q7312	or DTC144WKA-X	DIGI TRANSISTOR			D5203	RLZ2-LFB2	FR DIODE		
Q7312	or RT1N44HC-X	DIGI TRANSISTOR			D5203	or UF202G-F26	FR EIODE		
Q7313	UN2211-X	TRANSISTOR			D5205	RK34-LFB2	FUSEIODE		
Q7313	or DTC114EKA-X	DIGI TRANSISTOR			D5205	or SB240-B322-3	SB DIODE		
Q7313	or RT1N141C-X	DIGI TRANSISTOR			D5206	RK34-LFB2	FUSEIODE		
Q7314	UN221E-X	TRANSISTOR			D5206	or SB240-B322-3	SB DIODE		
Q7314	or DTC144WKA-X	DIGI TRANSISTOR			D5207	1F4G-T2	FR DIODE		
Q7314	or RT1N44HC-X	DIGI TRANSISTOR			D5207	or 10ERB20-T2	FR DIODE		
Q7315	UN2215-X	TRANSISTOR			D5207	or 1SR153-400-T2	SI DIODE		
Q7315	or DTC114TKA-X	TRANSISTOR			D5207	or 1F4G-G-T2	FR DIODE		
Q7315	or RT1N140C-X	DIGI TRANSISTOR			D5208	RK34-LFB2	FUSEIODE		
Q7316	2SB709A/QR/-X	TRANSISTOR			D5208	or SB240-B322-3	SB DIODE		
Q7316	or 2SA1037AK/QR/-X	TRANSISTOR			D5209	RK34-LFB2	FUSEIODE		
Q7316	or 2SA1530A/QR/-X	TRANSISTOR			D5209	or SB240-B322-3	SB DIODE		
Q7317	2SB709A/QR/-X	TRANSISTOR			D5210	RK34-LFB2	FUSEIODE		
Q7317	or 2SA1037AK/QR/-X	TRANSISTOR			D5210	or SB240-B322-3	SB DIODE		
Q7317	or 2SA1530A/QR/-X	TRANSISTOR			D5211	1F4G-T2	FR DIODE		
Q7321	UN221T-X	DIGI TRANSISTOR			D5211	or 10ERB20-T2	FR DIODE		
Q7321	or DTC124XKA-X	DIGI TRANSISTOR			D5211	or 1SR153-400-T2	SI DIODE		
Q7321	or RT1N242C-X	DIGI TRANSISTOR			D5211	or 1F4G-G-T2	FR DIODE		
Q7451	2SC2412K/QRS/-X	TRANSISTOR			D5214	RK34-LFB2	FUSEIODE		
Q7451	or 2SD601A/QRS/-X	TRANSISTOR			D5214	or SB240-B322-3	SB DIODE		
Q7451	or 2SC3928A/QRS/-X	TRANSISTOR			D5301	MTZJ15C-T2	Z DIODE		
Q7452	2SA720/QR/-T	TRANSISTOR			D5302	1SS133-T2	SI DIODE IM		
Q8201	UN221E-X	TRANSISTOR			D5302	or 1SS270A-T2	SI DIODE		
Q8201	or DTC144WKA-X	DIGI TRANSISTOR			D5303	MTZJ27C-T2	Z DIODE		
Q8201	or RT1N44HC-X	DIGI TRANSISTOR			D5309	MTZJ5.6C-T2	Z DIODE		
Q8202	UN211E-X	DIGI TRANSISTOR			D5310	1A3G-T2	SI DIODE		
Q8202	or DTA144WKA-X	TRANSISTOR			D5310	or 10EDB20-T2	SI DIODE		
Q8202	or RT1P44HC-X	DIGI TRANSISTOR			D5310	or 1G3-T2	SI DIODE		
Q8203	2SC2412K/QRS/-X	TRANSISTOR			D5311	1F4G-T2	FR DIODE		
Q8203	or 2SD601A/QRS/-X	TRANSISTOR			D5311	or 10ERB20-T2	FR DIODE		
Q8203	or 2SC3928A/QRS/-X	TRANSISTOR			D5311	or 1SR153-400-T2	SI DIODE		
Q8205	2SC2412K/QRS/-X	TRANSISTOR			D5311	or 1F4G-G-T2	FR DIODE		
Q8205	or 2SD601A/QRS/-X	TRANSISTOR			D5312	1A3G-T2	SI DIODE		
Q8205	or 2SC3928A/QRS/-X	TRANSISTOR			D5312	or 10EDB20-T2	SI DIODE		
Q8301	2SC2412K/QRS/-X	TRANSISTOR			D5312	or 1G3-T2	SI DIODE		
Q8301	or 2SD601A/QRS/-X	TRANSISTOR			D5313	1A3G-T2	SI DIODE		
Q8301	or 2SC3928A/QRS/-X	TRANSISTOR			D5313	or 10EDB20-T2	SI DIODE		
Q8302	2SC2412K/QRS/-X	TRANSISTOR			D5313	or 1G3-T2	SI DIODE		
Q8302	or 2SD601A/QRS/-X	TRANSISTOR			D5314	1A3G-T2	SI DIODE		
Q8302	or 2SC3928A/QRS/-X	TRANSISTOR			D5314	or 10EDB20-T2	SI DIODE		
					D5314	or 1G3-T2	SI DIODE		
D3002	1SS133-T2	SI DIODE IM			D5315	MTZJ12B-T2	Z DIODE		
D3002	or 1SS270A-T2	SI DIODE			D5320	1S4-T2	SB DIODE		
D3003	MTZJ39C-T2	Z DIODE			D5320	or SBO40-T2	SB DIODE		
D3004	10EDB20-T2	SI DIODE			D6002	HZ30-2L-T2	Z DIODE		
D3005	10EDB20-T2	SI DIODE			D7304	1SS133-T2	SI DIODE IM		
D3008	1SS355-X	DIODE C.M			D7451	DA204U-X	SI DIODE		
D3008	or MA111-X	DIODE C.M			D7453	DA204U-X	SI DIODE		
D4001	DA204U-X	SI DIODE			D8001	MA8030/H/-X	Z DIODE		
D4002	DA204U-X	SI DIODE			D8001	or UDZS3.0B-X	Z DIODE		
D5001	D3SBA60	BRIDGE DIODE							
D5001	or GBJ4J	BRIDGE DIODE			△ PC5101	PS2581AL1/QW/	PHOTO COUPLER		
D5001	or KBJ4J	BRIDGE DIODE			△ PC5101	or PC123Y22FZ	PHOTO COUPLER		
D5101	SARS01-T2	FR DIODE							
D5103	1F4G-T2	FR DIODE			C3001	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
D5103	or 10ERB20-T2	FR DIODE			C3011	QETL0JM-478	E CAPACITOR	4700uF 6.3V M	
D5103	or 1SR153-400-T2	SI DIODE			C3020	QERF1CM-106Z	E CAPACITOR	10uF 16V M	
D5103	or 1F4G-G-T2	FR DIODE			C3021	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C3024	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C5304	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C3029	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C5305	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C3030	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M		C5307	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C3031	NDC31HJ-180X	C CAPACITOR	18pF 50V J		C5308	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C3032	NDC31HJ-270X	C CAPACITOR	27pF 50V J		C5309	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3033	QAT3725-300Z	TRIM CAPACITOR	30pF TIMER CLOCK	400SE,300BE,300SE	C5310	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C3034	NDC31HJ-220X	C CAPACITOR	22pF 50V J	300BEK,300SEK	C5312	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C3035	NDC31HJ-180X	C CAPACITOR	18pF 50V J		C5313	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C5314	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3039	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C5315	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C3040	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M		C5320	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3041	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C5322	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3042	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M		C5323	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4001	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C5324	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C4003	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C5325	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C4005	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C5328	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4007	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C5329	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
C4009	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C5330	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4010	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C5331	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C4011	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C5333	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C4013	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M		C5334	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C4014	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C5335	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C5336	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C4017	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C5339	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C4019	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C5340	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C4021	QEKJ1CM-106Z	E CAPACITOR	10uF 16V M		C5341	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C4022	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C5351	QETN1CM-108Z	E CAPACITOR	1000uF 16V M	
C4023	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C5352	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4024	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C5353	NCB11AK-106X	C CAPACITOR	10uF 10V K	400SE,300BE,300SE
C4025	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C5354	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	400SE,300BE,300SE
C4026	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C5355	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	400SE,300BE,300SE
C4028	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C6012	QETJ1AM-227Z	E CAPACITOR	220uF 10V M	
C4030	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C6014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C6831	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
C4033	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C6832	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
C4035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		C7202	QETJ0JM-337Z	E CAPACITOR	330uF 6.3V M	
C4036	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		C7301	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7302	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4044	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M		C7303	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4047	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C7307	QEKJ0JM-226Z	E CAPACITOR	22uF 6.3V M	
C4065	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M		C7308	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4109	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M		C7309	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4110	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M		C7310	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4201	QEKJ0JM-227Z	E CAPACITOR	220uF 6.3V M		C7311	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4202	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7312	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4203	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C7313	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4204	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C7314	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4205	NDC31HJ-180X	C CAPACITOR	18pF 50V J		C7315	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C4206	NDC31HJ-220X	C CAPACITOR	22pF 50V J		C7316	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4207	NCB31CK-563X	C CAPACITOR	0.056uF 16V K		C7317	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4208	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M		C7318	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4209	NCB31AK-224X	C CAPACITOR	0.22uF 10V K		C7319	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4210	QEKJ0JM-227Z	E CAPACITOR	220uF 6.3V M		C7330	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C4216	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7331	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C4217	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C7332	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C4218	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C7333	NCB31HK-681X	C CAPACITOR	680pF 50V K	
△ C5001	QFZ9075-683	MPP CAPACITOR	0.068uF AC275V M		C7336	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
△ C5002	QFZ9075-223	MPP CAPACITOR	0.022uF AC275V M		C7340	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C5003	QEZO374-107	E CAPACITOR	100uF 400V M		C7341	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
△ C5004	QCZ9079-222	C CAPACITOR	2200pF AC250V M		C7345	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
△ C5005	QCZ9079-101	C CAPACITOR	100pF AC250V K		C7346	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
C5102	QCZ0349-472Z	C CAPACITOR	4700pF 1kV K		C7347	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C5103	QEZO619-276Z	E CAPACITOR	27uF		C7350	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C5104	QCZ0136-471Z	C CAPACITOR	470pF 1kV K		C7351	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C5105	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J		C7352	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C5106	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7353	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C5107	NDC31HJ-121X	C CAPACITOR	120pF 50V J		C7357	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C5201	QEZO562-227Z	E CAPACITOR	220uF 6.3V M		C7359	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C5202	QEZO620-186Z	E CAPACITOR	18uF		C7365	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C5203	QEZO701-128	E CAPACITOR	1200uF		C7366	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C5204	QEZO701-128	E CAPACITOR	1200uF		C7367	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C5205	QEMT1AM-398	E CAPACITOR	3900uF 10V M		C7368	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C5207	QETN2AM-475Z	E CAPACITOR	4.7uF 100V M		C7371	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C5208	QEZO700-228	E CAPACITOR	2200uF 10V M		C7388	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C5209	QEMT1AM-338	E CAPACITOR	3300uF 10V M		C7390	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C5210	QEZO620-186Z	E CAPACITOR	18uF		C7451	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C5301	QFVF1HJ-154Z	MF CAPACITOR	0.15uF 50V J		C7452	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5302	QFLC1HJ-333Z	M CAPACITOR	0.033uF 50V J		C7453	NDC31HJ-101X	C CAPACITOR	100pF 50V J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C7454	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R3022	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C7455	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R3025	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7456	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R3026	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C8005	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3027	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C8007	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3028	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8008	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3031	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C8009	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3032	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C8010	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3035	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C8011	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C8012	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3045	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C8014	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3049	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C8021	QERF1HM-475Z	E CAPACITOR	4.7uF 50V M		R3050	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C8022	QERF1HM-475Z	E CAPACITOR	4.7uF 50V M		R3052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8023	QERF0JM-107Z	E CAPACITOR	100uF 6.3V M		R3053	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8024	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8025	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M		R3055	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8026	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8027	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M		R3057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8028	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8029	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8201	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3060	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8202	QETJ0JM-477Z	E CAPACITOR	470uF 6.3V M		R3061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8203	NCB31HK-472X	C CAPACITOR	4700pF 50V K		R3062	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8204	NDC31HJ-471X	C CAPACITOR	470pF 50V J		R3065	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C8205	NDC31HJ-471X	C CAPACITOR	470pF 50V J		R3067	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8206	NCB31HK-472X	C CAPACITOR	4700pF 50V K		R3068	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8207	NDC31HJ-471X	C CAPACITOR	470pF 50V J		R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8208	NDC31HJ-471X	C CAPACITOR	470pF 50V J		R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8209	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8210	QETJ1CM-107Z	E CAPACITOR	100uF 16V M		R3074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8211	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8212	QETJ1CM-107Z	E CAPACITOR	100uF 16V M		R3076	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C8215	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M		R3083	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C8217	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M		R3084	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
C8301	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M		R3087	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8302	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3088	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8303	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3089	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8304	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3090	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8305	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3091	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8306	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3092	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8307	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3093	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8308	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3094	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8311	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M		R3100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C8312	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C8313	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C8314	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3204	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C8315	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3205	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C8316	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3206	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C8317	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3207	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
C8318	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M		R3209	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C8321	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M		R3213	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
C8322	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3214	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	
C8323	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M		R3218	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C8324	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3219	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C8501	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M		R3220	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C8502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3221	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C8503	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R3222	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C8504	NDC31HJ-151X	C CAPACITOR	150pF 50V J		R3223	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C8505	NDC31HJ-331X	C CAPACITOR	330pF 50V J		R3224	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C8506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3225	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3226	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3004	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3227	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3005	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R3229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3231	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3232	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3233	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3009	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3235	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3242	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3014	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R4002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3015	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R4003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3016	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R4005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3017	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3020	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3021	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
					R4013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local
R4014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4017	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4105	NRSA02J-105X	MG RESISTOR	1MΩ 1/10W J	
R4203	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4204	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4206	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4209	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4210	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R4211	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R4215	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4216	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4217	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R4314	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R5101	QRG02GJ-683	OMF RESISTOR	68kΩ 2W J	
R5102	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R5103	QRE141J-684Y	C RESISTOR	680kΩ 1/4W J	
R5104	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5105	QRE141J-820Y	C RESISTOR	82Ω 1/4W J	
R5106	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R5107	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R5108	QRT01DJ-R33X	MF RESISTOR	0.33Ω 1W J	
△ R5109	QRZ9005-470X	FUSI RESISTOR	47Ω	
R5301	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5302	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R5303	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R5304	NRSA63D-682X	MG RESISTOR	6.8kΩ 1/16W D	
R5305	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R5306	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
△ R5307	QRZ9005-221X	FUSI RESISTOR	220Ω 1/4W G	
R5308	QRE141J-271Y	C RESISTOR	270Ω 1/4W J	
R5309	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R5310	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5311	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R5312	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5313	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R5318	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R5319	QRE141J-150Y	C RESISTOR	15Ω 1/4W J	
R5320	QRE123J-101X	C RESISTOR	100Ω 1/2W J	
R5321	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5323	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5324	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5332	NRSA63J-513X	MG RESISTOR	51kΩ 1/16W J	
R5333	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R5334	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R5335	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R5336	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R5337	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5341	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6020	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6021	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6030	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6080	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7204	QRE121J-151Y	C RESISTOR	150Ω 1/2W J	
R7301	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7302	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7303	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R7304	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7305	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R7309	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7311	QRE141J-153Y	C RESISTOR	15kΩ 1/4W J	
R7312	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7314	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7318	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D	
R7319	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D	
R7320	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D	
R7321	QRE141J-271Y	C RESISTOR	270Ω 1/4W J	
R7322	QRE141J-271Y	C RESISTOR	270Ω 1/4W J	
R7335	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7336	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7337	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7338	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7339	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R7340	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local
R7341	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7342	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7343	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R7344	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D	
R7345	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D	
R7346	NRSA63D-680X	MG RESISTOR	68Ω 1/16W D	
R7347	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D	
R7348	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7349	QRE121J-331Y	C RESISTOR	330Ω 1/2W J	
R7350	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7351	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7352	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R7353	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7354	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7355	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7356	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7357	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7358	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7359	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7360	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R7361	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R7362	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7365	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7366	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7367	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7368	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7378	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R7451	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7452	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7453	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7454	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7455	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7456	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7457	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7458	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7459	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R8001	NRSA63J-513X	MG RESISTOR	51kΩ 1/16W J	
R8002	NRSA63J-513X	MG RESISTOR	51kΩ 1/16W J	
R8007	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8008	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8013	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8014	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8015	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8016	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8017	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R8019	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D	
R8020	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D	
R8021	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D	
R8022	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D	
R8023	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D	
R8024	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D	
R8026	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R8031	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R8032	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R8033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8034	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8035	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8036	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J	
R8037	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J	
R8038	QRE141J-151Y	C RESISTOR	150Ω 1/4W J	
R8040	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R8042	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R8044	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R8045	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R8201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8202	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8204	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8205	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J	
R8206	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R8211	NRSA63D-432X	MG RESISTOR	4.3kΩ 1/16W D	
R8212	NRSA63D-432X	MG RESISTOR	4.3kΩ 1/16W D	
R8213	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8214	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8215	NRSA63D-121X	MG RESISTOR	120Ω 1/16W D	
R8216	NRSA63D-121X	MG RESISTOR	120Ω 1/16W D	
R8217	NRSA63D-432X	MG RESISTOR	4.3kΩ 1/16W D	
R8218	NRSA63D-432X	MG RESISTOR	4.3kΩ 1/16W D	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R8219	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D		CN4101	QGB1231M1-15	CONNECTOR	DIGITAL	
R8220	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D		CN4102	QGB1231M1-15	CONNECTOR	DIGITAL	
R8221	NRSA63D-121X	MG RESISTOR	120Ω 1/16W D		CN4103	QGF1040C1-19	CONNECTOR	PIN1-19	
R8222	NRSA63D-121X	MG RESISTOR	120Ω 1/16W D		△ CN5001	QGA7901C3-02	CONNECTOR	AC_IN	
R8223	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		CN5302	QGA2001C1-08	CONNECTOR	DVD JVC	
R8224	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		CN5303	QGA2001C1-02	CONNECTOR	FAN	
R8233	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		CN5304	QGA2501C1-04	CONNECTOR	HDD	
R8234	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		CN5305	LPA20041-01A	D/D CONV P ASSY		
R8241	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		CN7451	QGA2001C1-04	CONNECTOR	G_LINK	
R8242	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		△ CP5302	QMFZ054-2R0X-J1	FUSE	2A	
R8244	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		△ F5001	QMF5AE2-1R6-J1	FUSE	1.6A AC250V	
R8249	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		FC5001	QNG0020-001Z	FUSE CLIP		
R8250	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		FC5002	QNG0020-001Z	FUSE CLIP		
R8252	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		GN1	QNZ0136-001Z	EARTH PLATE		
R8301	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J		GN2	QNZ0136-001Z	EARTH PLATE		
R8302	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J		GN3	QNZ0136-001Z	EARTH PLATE		
R8303	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		GN4	QNZ0136-001Z	EARTH PLATE		
R8304	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		GN5	QNZ0136-001Z	EARTH PLATE		
R8305	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		HS1	QZW0155-001	HEAT SINK	IC5101	
R8306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		J7301	QNZ0516-001	RGB CONNECTOR	AV1	
R8307	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		J7302	QNZ0516-001	RGB CONNECTOR	AV2	
R8308	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		J7304	QNN0701-001	PIN JACK	AUDIO OUT	
R8310	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		J7309	QNN0700-001	PIN JACK	COMPONENT OUT	
R8313	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		J7451	QNS0259-001	3.5 JACK	GLINK/SAT	
R8315	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		J8501	QNN0347-001	SURROUND JACK	COAXIAL OUT	
R8316	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		K8501	NQR0227-004X	FERRITE BEADS		
R8321	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		△ LF5001	QQR1031-001	LINE FILTER		
R8322	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		OT1	QYTDTST3008ZA	TAP SCREW	M3 x 8mm IC5101	
R8323	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		ST5	QZW0007-001	POST PIN		
R8324	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		TU6001	QAU0401-001	TUNER		
R8325	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		W1	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8326	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		W2	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8501	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J		W3	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8502	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		W4	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8503	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		W5	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8504	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J		W6	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8505	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J		W8	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8506	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J		W9	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8507	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		W16	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
					W17	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L3001	QQL231J-R22Y	COIL	0.22uH J		W18	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L4001	QQL29BJ-100Z	P COIL	10uH J		W19	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L4002	QQL29BJ-100Z	P COIL	10uH J		W20	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L4005	QQL29BJ-100Z	P COIL	10uH J		W22	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L4201	QQL29BJ-100Z	P COIL	10uH J		W23	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L5202	QQL26AK-330Z	COIL	33uH K		W24	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L5203	QQL26AK-330Z	COIL	33uH K		W25	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L5205	QQL26AK-330Z	COIL	33uH K		W26	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L5206	QQL26AK-330Z	COIL	33uH K		W27	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L6002	QQL29BK-1R0Z	P COIL	1uH K		W28	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L6003	QQL29BK-1R0Z	P COIL	1uH K		W29	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L6005	QQL231J-5R6Y	COIL	5.6uH J		W30	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L6701	QQL29BJ-220Z	P COIL	22uH J		W31	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7201	QQL29BJ-101Z	P COIL	100uH J		W32	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7302	QRE141J-101Y	C RESISTOR	100Ω 1/4W J		W33	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7303	QRE141J-101Y	C RESISTOR	100Ω 1/4W J		W34	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7305	QRE141J-101Y	C RESISTOR	100Ω 1/4W J		W35	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7306	QRE141J-101Y	C RESISTOR	100Ω 1/4W J		W36	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7311	QRE141J-101Y	C RESISTOR	100Ω 1/4W J		W38	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7312	QRE141J-101Y	C RESISTOR	100Ω 1/4W J		W39	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L8501	QQL071J-1R0Y	COIL	1uH J		W40	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
△ T5001	QQS0334-001	SW TRANSF			W41	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
					W42	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B5504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		W43	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B5507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		W44	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7308	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		W45	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7310	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		W46	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		W47	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7315	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		W49	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7319	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		W50	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		W51	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7340	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		W52	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7451	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		W53	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B8003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		W54	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
CN3001	QGB1231M1-13	CONNECTOR	SW/DISPLAY		X3001	QAX0728-001	CRYSTAL	14.318180MHz	
CN3004	QGA2001C1-04	CONNECTOR	HDMI		X3002	QAX0445-001	CRYSTAL	32.768kHz	400SE,300BE,300SE
CN3901	QGF1207C1-08	CONNECTOR	FOR FLASH		X3002	QAX0444-001	CRYSTAL	32.768kHz	300BEK,300SEK
CN4001	QGF1207C1-11	CONNECTOR	FRONT IN		X4201	QAX0849-001	CRYSTAL	4.433619MHz	

Demodulator board

Block No. [1][4]				
△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10292-01A	DEMOD BOARD ASSY		
IC6701	MSP3417GQGB8V3X	IC		
D6701	1SS133-T2	SI DIODE IM		
D6701	or 1SS270A-T2	SI DIODE		
C6704	NCB30JK-105X	C CAPACITOR 1uF 6.3V K		
C6707	NDC31HJ-470X	C CAPACITOR 47pF 50V J		
C6708	NDC31HJ-8R0X	C CAPACITOR 8pF 50V J		
C6709	NDC31HJ-8R0X	C CAPACITOR 8pF 50V J		
C6713	NCB30JK-105X	C CAPACITOR 1uF 6.3V K		
C6714	NCB31HK-222X	C CAPACITOR 2200pF 50V K		
C6716	NCB31HK-222X	C CAPACITOR 2200pF 50V K		
C6719	QEKJ1EM-106Z	E CAPACITOR 10uF 25V M		
C6720	QEKJ1EM-106Z	E CAPACITOR 10uF 25V M		
C6721	NCB31HK-103X	C CAPACITOR 0.01uF 50V K		
C6723	NCB31HK-103X	C CAPACITOR 0.01uF 50V K		
R6707	NRSA63J-330X	MG RESISTOR 33Ω 1/16W J		
R6708	NRSA63J-103X	MG RESISTOR 10kΩ 1/16W J		
R6709	NRSA63J-102X	MG RESISTOR 1kΩ 1/16W J		
R6710	NRSA63J-0R0X	MG RESISTOR 0Ω 1/16W J		
R6711	NRSA63J-104X	MG RESISTOR 100kΩ 1/16W J		
R6712	NRSA63J-102X	MG RESISTOR 1kΩ 1/16W J		
R6713	NRSA63J-123X	MG RESISTOR 12kΩ 1/16W J		
R6714	NRSA63J-102X	MG RESISTOR 1kΩ 1/16W J		
R6715	NRSA63J-123X	MG RESISTOR 12kΩ 1/16W J		
R6716	NRSA63J-470X	MG RESISTOR 47Ω 1/16W J		
R6719	QRE141J-103Y	C RESISTOR 10kΩ 1/4W J		
R6720	NRSA63J-562X	MG RESISTOR 5.6kΩ 1/16W J		
R6721	NRSA63J-562X	MG RESISTOR 5.6kΩ 1/16W J		
B6701	NRSA63J-0R0X	MG RESISTOR 0Ω 1/16W J		
B6702	NRSA63J-0R0X	MG RESISTOR 0Ω 1/16W J		
B6703	NRSA63J-0R0X	MG RESISTOR 0Ω 1/16W J		
CN6701	QGG2502K1-10	CONNECTOR (1-10)		
K6701	NQR0129-003X	FERRITE BEADS		
K6702	NQR0129-003X	FERRITE BEADS		
K6705	NQR0129-003X	FERRITE BEADS		
K6706	NQR0129-003X	FERRITE BEADS		
K6708	NRSA63J-0R0X	MG RESISTOR 0Ω 1/16W J		
OT1	LP40425-001A	BRACKET(PWB)		
W6701	NRSA02J-0R0X	MG RESISTOR 0Ω 1/10W J		
X6701	QAX0773-001Z	CRYSTAL 18.432000MHz		

Operation board

Block No. [2][6]				
△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10281-06A3	OPERATION BOARD ASSY		
IC7101	GP1UM281XKVF	IR DETECT UNIT		
IC7101	or PNA4652M00XB	IR DETECT UNIT 38kHz		
Q7101	2SC1740S/QRS/-T	TRANSISTOR		
Q7101	or KTC3199/YG/-T	TRANSISTOR		
D7101	1SS133-T2	SI DIODE IM		
D7101	or 1SS270A-T2	SI DIODE		
D7102	1SS133-T2	SI DIODE IM		
D7102	or 1SS270A-T2	SI DIODE		
D7103	SDPB3DC0/Z1/	LED HDD LED		
D7104	SDPC3DC0	LED DVD LED		
D7105	1SS133-T2	SI DIODE IM		

△ Symbol No.	Part No.	Part Name	Description	Local
D7105	or 1SS270A-T2	SI DIODE		
D7106	SDPB3DC0/Z1/	LED BLUE LIGHT		
C7101	QEKJ0JM-476Z	E CAPACITOR 47uF 6.3V M		
R7102	QRE141J-471Y	C RESISTOR 470Ω 1/4W J		
R7103	QRE141J-681Y	C RESISTOR 680Ω 1/4W J		
R7104	QRE141J-392Y	C RESISTOR 3.9kΩ 1/4W J		
R7105	QRE141J-182Y	C RESISTOR 1.8kΩ 1/4W J		
R7106	QRE141J-270Y	C RESISTOR 27Ω 1/4W J		
CN7103	QGF1208F1-10	CONNECTOR FFC/FPC (1-10)		
OT1	LP31478-001A	LED HOLDER FOR D7106		
OT2	LP41267-001A	SHRINK TUBE FOR LED		
S7101	QSW0381-001Z	TACT SWITCH OPERATION		
S7102	QSW0381-001Z	TACT SWITCH HDD		
S7103	QSW0381-001Z	TACT SWITCH REC		
S7104	QSW0381-001Z	TACT SWITCH DVD		

Switch/Jack board

Block No. [2][7]				
△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10281-06A2	SWITCH/JACK BOARD ASSY		
D7113	1SS133-T2	SI DIODE IM		
D7113	or 1SS270A-T2	SI DIODE		
D7114	1SS133-T2	SI DIODE IM		
D7114	or 1SS270A-T2	SI DIODE		
D7115	1SS133-T2	SI DIODE IM		
D7115	or 1SS270A-T2	SI DIODE		
D7116	1SS133-T2	SI DIODE IM		
D7116	or 1SS270A-T2	SI DIODE		
D7117	1SS133-T2	SI DIODE IM		
D7117	or 1SS270A-T2	SI DIODE		
C7152	QDGB1HK-102Y	C CAPACITOR 1000pF 50V K		
C7154	QDGB1HK-102Y	C CAPACITOR 1000pF 50V K		
R7151	QRE141J-750Y	C RESISTOR 75Ω 1/4W J		
R7152	QRE141J-750Y	C RESISTOR 75Ω 1/4W J		
R7153	QRE141J-750Y	C RESISTOR 75Ω 1/4W J		
R7154	QRE141J-101Y	C RESISTOR 100Ω 1/4W J		
R7155	QRE141J-101Y	C RESISTOR 100Ω 1/4W J		
CN7101	QGF1207C1-10	CONNECTOR FFC/FPC (1-10)		
CN7102	QGF1207C1-11	CONNECTOR FFC/FPC (1-11)		
J7001	QND0084-001	S JACK FRONT S-VIDEO		
J7002	QNN0364-002	PIN JACK FRONT A/V		
S7111	QSW0381-001Z	TACT SWITCH NAVI		
S7112	QSW0381-001Z	TACT SWITCH CH+/UP		
S7113	QSW0381-001Z	TACT SWITCH CH-/DOWN		
S7114	QSW0381-001Z	TACT SWITCH RIGHT/PLAY		
S7115	QSW0381-001Z	TACT SWITCH LEFT/STOP		
S7131	QSW0381-001Z	TACT SWITCH TV GUIDE		
S7132	QSW0381-001Z	TACT SWITCH OPEN/CLOSE		
S7133	QSW0381-001Z	TACT SWITCH STOP		
S7134	QSW0381-001Z	TACT SWITCH PLAY		
S7135	QSW0381-001Z	TACT SWITCH OK/REC		

Display board

Block No. [2][8]

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10281-06A1	DISPLAY BOARD ASSY		
IC7001	PT6315	IC		
D7021	MTZJ9.1B-T2	Z DIODE		
C7001	QCFB1HZ-104Y	C CAPACITOR	0.1uF 50V Z	
C7002	QCFB1HZ-104Y	C CAPACITOR	0.1uF 50V Z	
C7003	QEKJ1HM-106Z	E CAPACITOR	10uF 50V M	
C7007	QCFB1HZ-104Y	C CAPACITOR	0.1uF 50V Z	
C7008	QEKJ0JM-227Z	E CAPACITOR	220uF 6.3V M	
C7010	QCFB1HZ-473Y	C CAPACITOR	0.047uF 50V Z	
C7011	QCFB1HZ-473Y	C CAPACITOR	0.047uF 50V Z	
R7001	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R7002	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R7003	QRE141J-823Y	C RESISTOR	82kΩ 1/4W J	
R7005	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R7006	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R7007	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R7009	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R7010	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R7013	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J	
R7014	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J	
R7015	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
CN7001	QGB1231L1-13	CONNECTOR	B-B (1-13)	
CN7002	QGF1208F1-10	CONNECTOR	FFC/FPC (1-10)	
CN7003	QGF1207C1-10	CONNECTOR	FFC/FPC (1-10)	
DI7001	QLF0159-001	FL TUBE		
HD1	LP21359-001A	FL HOLDER(L)		
HD2	LP21360-001A	FL HOLDER(U)		

Jack board

Block No. [3][6]

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10281-06A4	JACK BOARD ASSY		
B4221	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B4222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B4223	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B4224	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
CN4204	QGB1231M1-09	CONNECTOR	DIGITAL	
GN4201	QNZ0136-001Z	EARTH PLATE	FOR ESD	
J4212	QNZ0675-001	DV CONNECTOR	F-DV	
K4205	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K4207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

HDMI board

Block No. [4][0]

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10301-01C	HDMI BOARD ASSY		400SE,300BE
PW1	LPA10301-02A	HDMI BOARD ASSY		300BEK,300SE,300SEK
IC2401	SI19030CTU	IC		
IC2402	MM1563DF-X	IC		
IC2403	LD2981ABM50-X	IC		
IC2404	UM6K1N-W	MOS FET		

△ Symbol No.	Part No.	Part Name	Description	Local
IC2405	PIC18LF2515T-X	IC(MCU)		400SE,300BE
IC2405	PIC18LF2515A4-X	IC(MCU)		300BEK,300SE,300SEK
IC2406	BH18MA3WHFV-W	IC		
Q2401	2SC4081/QRS/-X	TRANSISTOR		
Q2401	or 2SD1819A/QRS/-X	TRANSISTOR		
Q2402	2SC4081/QRS/-X	TRANSISTOR		
Q2402	or 2SD1819A/QRS/-X	TRANSISTOR		
Q2403	2SA1037AK/QR/-X	TRANSISTOR		
Q2403	or 2SA1530A/QR/-X	TRANSISTOR		
Q2403	or 2SB709A/QR/-X	TRANSISTOR		
Q2404	UN221E-X	TRANSISTOR		
Q2404	or DTC144WKA-X	DIGI TRANSISTOR		
Q2404	or RT1N44HC-X	DIGI TRANSISTOR		
C2401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2402	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2403	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C2404	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2405	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C2406	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C2407	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C2408	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C2409	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C2410	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2411	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C2412	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2413	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C2414	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C2415	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2416	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C2417	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2418	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C2419	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2420	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J	
C2421	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J	
C2422	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C2425	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2426	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2427	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2428	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2429	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2430	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2431	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2432	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C2433	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
R2401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2402	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2403	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2405	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2406	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2407	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2408	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2409	NRSA63F-4750X	MG RESISTOR	475Ω 1/16W F	
R2410	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2411	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2412	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2413	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2414	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2415	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2416	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R2417	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2418	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2419	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2420	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2421	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2423	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2424	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2425	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2426	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2427	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2428	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2429	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2430	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2431	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R2432	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local
R2433	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2434	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2435	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2436	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2437	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2438	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2440	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2443	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2444	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2445	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R2447	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2448	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2449	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2450	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2451	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2452	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2453	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2454	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2455	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2457	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2458	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2459	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2460	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2462	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2463	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2464	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L2401	NQL144K-100X	P COIL	10uH K	
CN2401	QGB0605L1-40W	CONNECTOR	B-B (1-40)	
CN2402	QGF1016C6-05W	CONNECTOR	FFC/FPC (1-5)	
CN2403	NNZ0099-001	HDMI CONNECTOR		
CN2404	QGA2001F6-04X	CONNECTOR	W-B (1-4)	
K2401	NQR0129-002X	FERRITE BEADS		
K2402	NQR0129-002X	FERRITE BEADS		
K2403	NQR0129-002X	FERRITE BEADS		
K2404	NQR0129-002X	FERRITE BEADS		
K2405	NQR0129-002X	FERRITE BEADS		
K2406	NQR0129-002X	FERRITE BEADS		
K2407	NQR0129-002X	FERRITE BEADS		
K2408	NQR0129-002X	FERRITE BEADS		
LF2401	NQR0560-001X	EMI FILTER		
LF2402	NQR0560-001X	EMI FILTER		
LF2403	NQR0560-001X	EMI FILTER		
LF2404	NQR0560-001X	EMI FILTER		
SD1	LP21420-001B	SHIELD CASE		
X2401	NAX0803-001X	CRYSTAL		

Digital board

Block No. [5][0]

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10300-10B	DIGITAL BOARD ASSY		
IC1001	JCP8059-2	IC		
IC1002	HY57V161610ETP7	IC		
IC1002	or K4S161622H-UC60	IC		
IC1201	LPN0967-001A	IC(FLASH)	(SERVICE)	
IC1202	SN74LVC373APW-X	IC(DIGITAL)		
IC1203	SN74LVC373APW-X	IC(DIGITAL)		
IC1401	DMN8652-B0L	IC(DIGITAL)		
IC1404	SN74HCT08APW-X	IC		
IC1601	HY5DU561622DT-J	IC		
IC1602	HY5DU561622DT-J	IC		
IC1603	HY5DU561622DT-J	IC		
IC1604	HY5DU561622DT-J	IC		
IC1701	BD3533F-X	IC		
IC1801	TSB41AB1PAP	IC		
IC1901	TVP5150AM1PBS-W	IC		

Q1001	2SA1530A/QR/-X	TRANSISTOR		
Q1001	or 2SA1037AK/QR/-X	TRANSISTOR		
Q1001	or 2SB709A/QR/-X	TRANSISTOR		
Q1002	2SA1530A/QR/-X	TRANSISTOR		
Q1002	or 2SA1037AK/QR/-X	TRANSISTOR		
Q1002	or 2SB709A/QR/-X	TRANSISTOR		
Q1003	2SA1530A/QR/-X	TRANSISTOR		
Q1003	or 2SA1037AK/QR/-X	TRANSISTOR		
Q1003	or 2SB709A/QR/-X	TRANSISTOR		
Q1006	2SA1530A/QR/-X	TRANSISTOR		
Q1006	or 2SA1037AK/QR/-X	TRANSISTOR		
Q1006	or 2SB709A/QR/-X	TRANSISTOR		
Q1008	BC847PN-X	PAIR TRANSISTOR		
Q1008	or UMZ1N-W	PAIR TRANSISTOR		
Q1008	or BC846PN-X	PAIR TRANSISTOR		
Q1009	2SC3928A/QRS/-X	TRANSISTOR		
Q1009	or 2SC2412K/QRS/-X	TRANSISTOR		
Q1009	or 2SD601A/QRS/-X	TRANSISTOR		
Q1010	2SC3928A/QRS/-X	TRANSISTOR		
Q1010	or 2SC2412K/QRS/-X	TRANSISTOR		
Q1010	or 2SD601A/QRS/-X	TRANSISTOR		
Q1011	2SC3928A/QRS/-X	TRANSISTOR		
Q1011	or 2SC2412K/QRS/-X	TRANSISTOR		
Q1011	or 2SD601A/QRS/-X	TRANSISTOR		
Q1301	2SA1037AK/QR/-X	TRANSISTOR		
Q1301	or 2SA1530A/QR/-X	TRANSISTOR		
Q1301	or 2SB709A/QR/-X	TRANSISTOR		
Q1304	2SC2412K/QRS/-X	TRANSISTOR		
Q1304	or 2SC3928A/QRS/-X	TRANSISTOR		
Q1304	or 2SD601A/QRS/-X	TRANSISTOR		
D1001	1SS355-X	DIODE C.M		
D1001	or MA111-X	DIODE C.M		
D1401	1SS355-X	DIODE C.M		
D1401	or MA111-X	DIODE C.M		
D1402	1SS355-X	DIODE C.M		
D1402	or MA111-X	DIODE C.M		
D1403	1SS355-X	DIODE C.M		
D1403	or MA111-X	DIODE C.M		
D2101	SML-010LT-X	LED		
D2101	or SML-010MT-X	LED		
D2201	SML-010LT-X	LED		
D2201	or SML-010MT-X	LED		
C1001	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C1002	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1005	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1007	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1009	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1010	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1014	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1015	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1019	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1026	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1033	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1034	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1035	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1036	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1041	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1043	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1046	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1048	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1049	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1050	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1051	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1052	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1055	NDC31HJ-271X	C CAPACITOR	270pF 50V J	
C1065	NBE20JM-475X	C CAPACITOR	4.7uF 6.3V M	
C1077	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C1088	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1623	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1090	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1624	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1093	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1625	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1094	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1626	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1095	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C1627	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1097	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1628	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1098	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1630	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1631	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1204	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M		C1632	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1633	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1207	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1634	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1301	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M		C1635	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1302	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1636	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1307	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C1641	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1310	NCB31AK-224X	C CAPACITOR	0.22uF 10V K		C1642	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1315	NDC31HJ-120X	C CAPACITOR	12pF 50V J		C1643	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1316	NDC31HJ-120X	C CAPACITOR	12pF 50V J		C1644	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1323	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		C1645	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1646	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1403	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1647	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1404	NEHM0JM-107X	E CAPACITOR	100uF 6.3V M		C1648	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1408	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1649	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1411	NEHM0JM-107X	E CAPACITOR	100uF 6.3V M		C1701	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1412	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1702	NEHM0JM-476X	E CAPACITOR	47uF 6.3V M	
C1413	NEHM0JM-107X	E CAPACITOR	100uF 6.3V M		C1704	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1414	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1706	NBE20JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1415	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1707	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1417	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1708	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1420	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C1709	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1421	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1710	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1422	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1801	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1424	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1802	NDC31HJ-271X	C CAPACITOR	270pF 50V J	
C1427	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C1803	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1428	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1804	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1429	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1805	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1430	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1806	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1435	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C1807	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1436	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1808	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C1438	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1809	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C1439	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1810	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1444	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1811	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1445	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1812	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1446	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1813	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1447	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1814	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1448	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C1815	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1452	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1816	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1453	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1901	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C1454	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1902	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1455	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1903	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1457	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1905	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1459	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1906	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1460	NDC31HJ-120X	C CAPACITOR	12pF 50V J		C1907	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1461	NDC31HJ-120X	C CAPACITOR	12pF 50V J		C1908	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1462	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		C1909	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1464	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1910	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1466	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1911	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1467	NCB31CK-104X	C CAPACITOR	0.1uF 16V K						
C1470	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1001	NRSA63D-301X	MG RESISTOR	300Ω 1/16W D	
C1471	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C1472	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1473	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1474	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1007	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1601	NEX60GM-337X	E CAPACITOR	330uF 4V M		R1009	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1606	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1016	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
C1607	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1021	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
C1608	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1022	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D	
C1609	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1024	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
C1610	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1027	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
C1611	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1028	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
C1612	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1614	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1031	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1615	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1032	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1616	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1033	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C1617	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1618	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1037	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
C1619	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1620	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1040	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
C1622	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1042	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local
R1043	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1046	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1050	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1051	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R1054	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R1056	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1057	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1059	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1061	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1064	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1067	NRSA63J-620X	MG RESISTOR	62Ω 1/16W J	
R1068	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R1069	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R1070	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R1071	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D	
R1222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1225	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1229	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1230	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1303	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R1401	NRSA63F-1181X	MG RESISTOR	1.18kΩ 1/16W F	
R1402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1404	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1405	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1407	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1408	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1409	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1410	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1412	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1413	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1414	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1415	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1417	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1419	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1420	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R1427	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1428	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1429	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1430	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1431	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1434	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1435	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1436	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1437	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1438	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1439	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1440	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1441	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1443	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1445	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1446	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1448	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R1450	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R1451	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R1452	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R1453	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1455	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1456	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1457	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1458	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1459	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1460	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1461	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1462	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1463	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1464	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1465	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1467	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1469	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1470	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1472	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1473	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local
R1474	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1475	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1476	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R1478	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1479	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1480	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1481	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R1483	NRSA63J-621X	MG RESISTOR	620Ω 1/16W J	
R1491	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1601	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1602	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1613	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1614	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1615	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1616	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1617	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1618	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1619	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1620	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1621	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1622	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1623	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1624	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1625	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1626	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1627	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1628	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1629	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1630	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1631	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1632	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1653	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1654	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1655	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1656	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1657	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1658	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1659	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1660	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1801	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1802	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1803	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1804	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1807	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1809	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1810	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J	
R1813	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1814	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1815	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1816	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1817	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R1818	NRSA63D-562X	MG RESISTOR	5.6kΩ 1/16W D	
R1819	NRSA63D-751X	MG RESISTOR	750Ω 1/16W D	
R1820	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1821	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1901	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1902	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1903	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1904	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1907	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1912	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1913	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R2101	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2103	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2104	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R2105	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R2106	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2107	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2108	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R2109	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2110	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R2111	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R2112	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R2113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R2114	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R2115	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R2116	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R2201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		K1004	NQR0022-002X	FERRITE BEADS		
R2202	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		K1005	NQR0022-002X	FERRITE BEADS		
R2203	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		K1006	NQR0022-002X	FERRITE BEADS		
R2204	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1007	NQR0022-002X	FERRITE BEADS		
R2205	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J		K1008	NQR0022-002X	FERRITE BEADS		
R2206	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		K1009	NQR0022-002X	FERRITE BEADS		
R2207	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		K1010	NQR0022-002X	FERRITE BEADS		
R2208	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J		K1011	NQR0022-002X	FERRITE BEADS		
R2209	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		K1012	NQR0022-002X	FERRITE BEADS		
R2210	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J		K1013	NQR0022-002X	FERRITE BEADS		
R2211	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1014	NQR0022-002X	FERRITE BEADS		
R2212	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1015	NQR0022-002X	FERRITE BEADS		
R2213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1016	NQR0022-002X	FERRITE BEADS		
R2214	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1019	NQR0022-005X	FERRITE BEADS		
R2215	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1020	NQR0022-005X	FERRITE BEADS		
R2216	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		K1021	NQR0022-002X	FERRITE BEADS		
RA1401	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1022	NQR0022-005X	FERRITE BEADS		
RA1402	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1023	NQR0022-002X	FERRITE BEADS		
RA1403	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1024	NQR0022-002X	FERRITE BEADS		
RA1404	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1025	NQR0022-002X	FERRITE BEADS		
RA1405	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1026	NQR0022-002X	FERRITE BEADS		
RA1406	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1027	NQR0022-002X	FERRITE BEADS		
RA1609	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1029	NQR0022-002X	FERRITE BEADS		
RA1610	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1030	NQR0022-002X	FERRITE BEADS		
RA1611	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1404	NQR0564-001X	FERRITE BEADS		
RA1612	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1406	NQR0564-001X	FERRITE BEADS		
RA1613	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1501	NQR0022-002X	FERRITE BEADS		
RA1614	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1502	NQR0022-002X	FERRITE BEADS		
RA1615	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1503	NQR0022-002X	FERRITE BEADS		
RA1616	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1504	NQR0022-002X	FERRITE BEADS		
RA1617	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1505	NQR0022-002X	FERRITE BEADS		
RA1618	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1506	NQR0022-002X	FERRITE BEADS		
RA1619	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1507	NQR0022-002X	FERRITE BEADS		
RA1620	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1508	NQR0022-002X	FERRITE BEADS		
RA1621	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1509	NQR0022-002X	FERRITE BEADS		
RA1622	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1510	NQR0022-002X	FERRITE BEADS		
RA1623	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1511	NQR0022-002X	FERRITE BEADS		
RA1624	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1512	NQR0022-002X	FERRITE BEADS		
RA1625	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1513	NQR0022-002X	FERRITE BEADS		
RA1626	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1514	NQR0022-002X	FERRITE BEADS		
RA1627	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1515	NQR0022-002X	FERRITE BEADS		
RA1628	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1516	NQR0022-002X	FERRITE BEADS		
RA1629	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1517	NQR0022-002X	FERRITE BEADS		
RA1630	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1518	NQR0022-002X	FERRITE BEADS		
RA1631	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1519	NQR0022-002X	FERRITE BEADS		
RA1632	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1520	NQR0022-002X	FERRITE BEADS		
RA1633	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K1521	NQR0022-002X	FERRITE BEADS		
RA1634	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1522	NQR0022-002X	FERRITE BEADS		
RA1801	NRZ0087-103W	NET RESISTOR	10kΩ 1/16W J		K1523	NQR0022-002X	FERRITE BEADS		
RA1802	NRZ0087-103W	NET RESISTOR	10kΩ 1/16W J		K1524	NQR0022-002X	FERRITE BEADS		
RA2101	NRZ0087-330W	NET RESISTOR	33Ω 1/16W J		K1525	NQR0022-002X	FERRITE BEADS		
RA2102	NRZ0087-330W	NET RESISTOR	33Ω 1/16W J		K1526	NQR0022-002X	FERRITE BEADS		
RA2103	NRZ0087-330W	NET RESISTOR	33Ω 1/16W J		K1527	NQR0022-002X	FERRITE BEADS		
RA2104	NRZ0087-330W	NET RESISTOR	33Ω 1/16W J		K1528	NQR0022-002X	FERRITE BEADS		
RA2208	NRZ0087-330W	NET RESISTOR	33Ω 1/16W J		K1529	NQR0022-002X	FERRITE BEADS		
RA2209	NRZ0087-330W	NET RESISTOR	33Ω 1/16W J		K1701	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
RA2210	NRZ0087-330W	NET RESISTOR	33Ω 1/16W J		K1702	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
RA2211	NRZ0087-330W	NET RESISTOR	33Ω 1/16W J		K1801	NQR0564-001X	FERRITE BEADS		
L1001	NQL085J-100X	COIL	10uH J		K1803	NQR0564-001X	FERRITE BEADS		
T1801	NQR0568-005X	CHOKE COIL			K2101	NQR0022-002X	FERRITE BEADS		
B1202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		K2102	NQR0022-002X	FERRITE BEADS		
B1208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		K2103	NQR0022-002X	FERRITE BEADS		
B1405	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K2104	NQR0022-002X	FERRITE BEADS		
B1701	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		K2105	NQR0022-002X	FERRITE BEADS		
B1901	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		K2106	NQR0022-002X	FERRITE BEADS		
CN1101	QGB1231L2-15W	CONNECTOR	28PIN STR		K2107	NQR0022-002X	FERRITE BEADS		
CN1102	QGB1231L2-15W	CONNECTOR	20PIN STR		K2108	NQR0022-002X	FERRITE BEADS		
CN1103	QGF1016C6-19W	CONNECTOR	FFC/FPC (1-19)		K2109	NQR0022-002X	FERRITE BEADS		
CN1403	QGF1016C6-04W	CONNECTOR	LOG		K2110	NQR0022-002X	FERRITE BEADS		
CN1501	QGB0605M1-40W	CONNECTOR	B-B (1-40)		K2111	NQR0022-002X	FERRITE BEADS		
CN1801	QGB1231L2-09W	CONNECTOR	B-B (1-9)		K2112	NQR0022-002X	FERRITE BEADS		
CN2101	QGF0508C2-40W	CONNECTOR	HDD		K2113	NQR0022-002X	FERRITE BEADS		
CN2201	QGF0508C2-40W	CONNECTOR	F/T F_END		K2114	NQR0022-002X	FERRITE BEADS		
K1001	NQR0022-002X	FERRITE BEADS			K2115	NQR0022-002X	FERRITE BEADS		
K1002	NQR0022-002X	FERRITE BEADS			K2116	NQR0022-002X	FERRITE BEADS		
K1003	NQR0022-002X	FERRITE BEADS			K2117	NQR0022-002X	FERRITE BEADS		
					K2118	NQR0022-002X	FERRITE BEADS		
					K2119	NQR0022-002X	FERRITE BEADS		

△ Symbol No.	Part No.	Part Name	Description	Local
K2120	NQR0022-002X	FERRITE BEADS		
K2121	NQR0022-002X	FERRITE BEADS		
K2201	NQR0022-002X	FERRITE BEADS		
K2202	NQR0022-002X	FERRITE BEADS		
K2203	NQR0022-002X	FERRITE BEADS		
K2204	NQR0022-002X	FERRITE BEADS		
K2205	NQR0022-002X	FERRITE BEADS		
K2206	NQR0022-002X	FERRITE BEADS		
K2207	NQR0022-002X	FERRITE BEADS		
K2208	NQR0022-002X	FERRITE BEADS		
K2209	NQR0022-002X	FERRITE BEADS		
K2210	NQR0022-002X	FERRITE BEADS		
K2211	NQR0022-002X	FERRITE BEADS		
K2212	NQR0022-002X	FERRITE BEADS		
K2213	NQR0022-002X	FERRITE BEADS		
K2214	NQR0022-002X	FERRITE BEADS		
K2215	NQR0022-002X	FERRITE BEADS		
K2216	NQR0022-002X	FERRITE BEADS		
K2217	NQR0022-002X	FERRITE BEADS		
K2218	NQR0022-002X	FERRITE BEADS		
K2219	NQR0022-002X	FERRITE BEADS		
K2220	NQR0022-002X	FERRITE BEADS		
K2221	NQR0022-002X	FERRITE BEADS		
LC1401	NQR0512-008X	EMI FILTER		
LC1402	NQR0512-008X	EMI FILTER		
LC1403	NQR0512-008X	EMI FILTER		
OT1	QQR1689-002	FERRITE PLATE		
X1301	NAX0733-001X	CRYSTAL	14.31818MHz	
X1402	NAX0768-001X	CRYSTAL	13.5MHz	
X1801	NAX0666-001X	CRYSTAL	24.576000MHz	

△ Symbol No.	Part No.	Part Name	Description	Local
R4405	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4411	NRSA63D-204X	MG RESISTOR	200kΩ 1/16W D	
R4412	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4413	NRSA63D-753X	MG RESISTOR	75kΩ 1/16W D	
R4414	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	
R4415	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4416	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4417	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4418	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4419	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4420	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
CN4402	QGG2502K1-12	CONNECTOR	(1-12)	
OT1	LP40425-001A	BRACKET(PWB)		

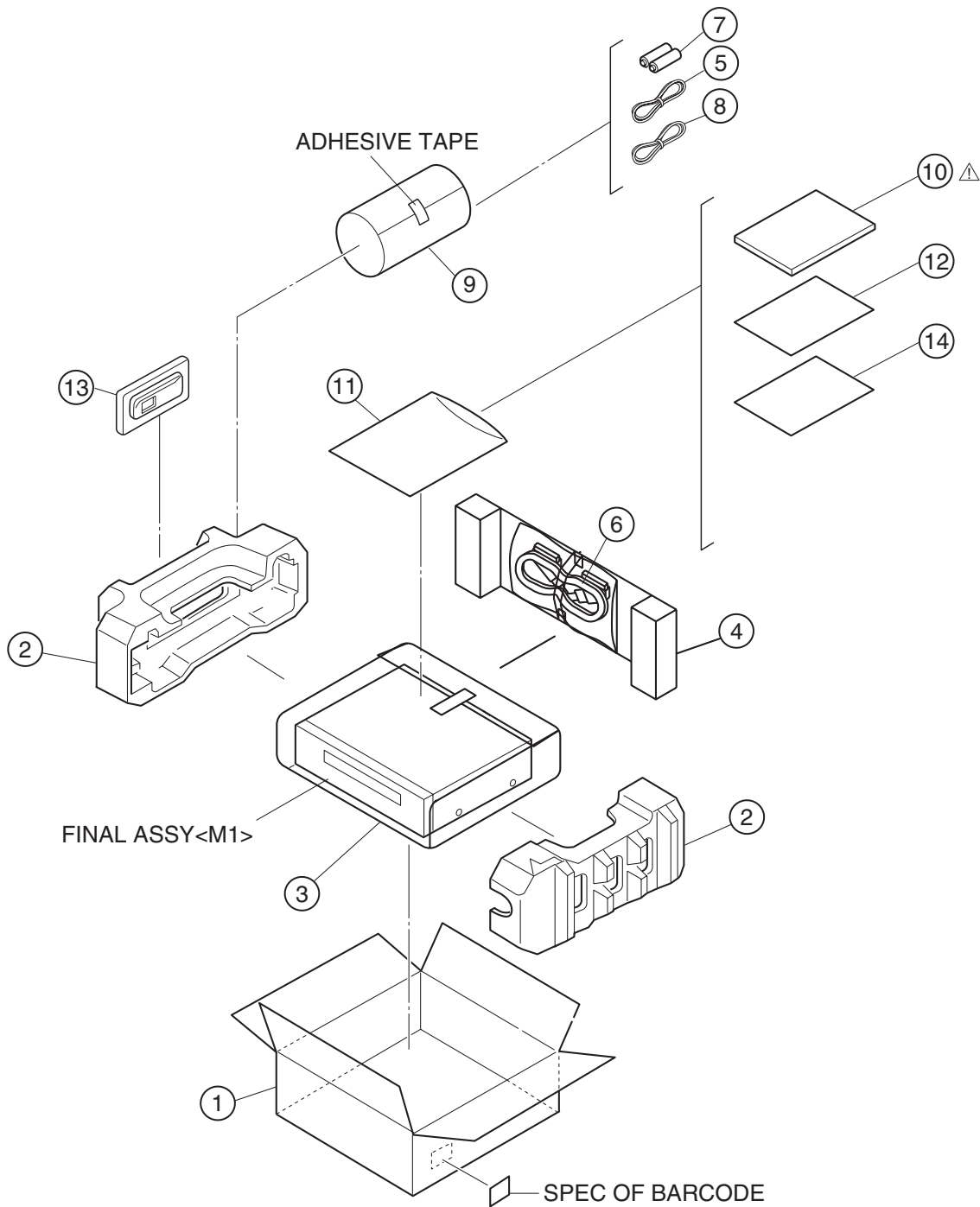
RGB_YC Converter board

Block No. [6][8]

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10291-01B	RGB_YC CONVERTER BOARD ASSY		
IC4401	BH7236AF-X	IC		
IC4402	MM1503XN-X	IC		
IC4403	74HC4538D-X	IC		
IC4404	BA7666FS-X	IC		
D4401	RB717F-X	SB DIODE		
C4401	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C4403	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4404	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4405	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4406	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4407	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4408	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C4409	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4410	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	
C4411	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4412	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4413	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4417	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4418	NDC21HJ-103X	C CAPACITOR	0.01uF 50V J	
C4419	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C4420	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	
C4421	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4422	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4423	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4424	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
R4401	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4402	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R4403	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4404	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	

Packing materials and accessories parts list

Block No.M3MM



Packing and accessories

Block No. [M][3][M][M]

△ Symbol No.	Part No.	Part Name	Description	Local
1	LP31492-012A	PACKING CASE		400SE
1	LP31492-011A	PACKING CASE		300BE
1	LP31508-005A	PACKING CASE		300BEK
1	LP31492-008A	PACKING CASE		300SE
1	LP31508-003A	PACKING CASE		300SEK
2	LP31494-001B	CUSHION ASSY		
3	QPC06005515P	POLY BAG	60cm x 55cm	
4	LP31399-003A	SHEET ASSY		300BEK,300SEK
5	QAM0503-002	RF CABLE		
6	QAM0502-002	PERI CABLE		
7	-----	BATTERY	R6TYPE(x2)	
8	QAL0805-001	LED CABLE ASSY		
9	QPC02202230P	POLY BAG	ACCESSORY	
△ 10	LPT1068-001A	INST.BOOK	(GERMANY)	400SE
△ 10	LPT1089-001B	INST.BOOK	(ENGLISH)	300BE,300SE
△ 10	LPT1089-002B	INST.BOOK	(GERMANY)	300BE,300SE
△ 10	LPT1089-003B	INST.BOOK	(FRENCH)	300BE,300SE
△ 10	LPT1089-004B	INST.BOOK	(DUTCH)	300BE,300SE
△ 10	LPT1089-006A	INST.BOOK	(ITALIAN)	300BE,300SE
△ 10	LPT1089-005A	INST.BOOK	(SPANISH)	300BE,300SE
△ 10	LPT1089-007A	INST.BOOK	(DANISH)	300BE,300SE
△ 10	LPT1089-008A	INST.BOOK	(FINNISH)	300BE,300SE
△ 10	LPT1089-009A	INST.BOOK	(SWEDISH)	300BE,300SE
△ 10	LPT1089-010A	INST.BOOK	(NORWEGIAN)	300BE,300SE
△ 10	LPT1089-011A	INST.BOOK	(PORTUGUESE)	300BE,300SE
△ 10	LPT1089-012A	INST.BOOK	(CZECH)	300BE,300SE
△ 10	LPT1089-013A	INST.BOOK	(POLISH)	300BE,300SE
△ 10	LPT1089-014A	INST.BOOK	(HUNGARIAN)	300BE,300SE
△ 10	LPT1049-001A	INST.BOOK	(ENGLISH)	300BEK,300SEK
11	QPC02503530P	POLY BAG	INST	
12	-----	WARRANTY CARD	BT-54029-1	
13	RM-SDR033E	REMOCON UNIT		
14	LYT0194-001B	Q.CARD		300BEK,300SEK