



SCPH-100 SERIES

SERVICE MANUAL

4th Edition



PSone™



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Revisions

This manual compiled by 4th edition of SCPH-100's Design data.

Design and specifications will be subject to change without notice.

So, the latest versions of Service Manual, Technical Memo and SCEI. Service Promotion Dept.'s Home Page "PS SERVICE PLAZA" should be used together with this manual.

PS SERVICE PLAZA web site: <http://svc.scei.sony.co.jp/>

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SECTION 1 SPECIFICATIONS

SCPH-100

General

Power requirements
DC IN 7.5 V

Power consumption
9 W

Dimensions
193 × 36 × 143 mm (w/h/d)

Mass
550 g

Operating Temperature
5°C - 35°C

Laser diode properties

- Material : GaAlAs
- Wavelength : λ=780 nm
- Emission duration : Continuous
- Laser output : Less than 44.6 μW
(measured at a distance of 200 mm from the lens surface on the optical pick-up block)

Inputs/outputs on the front

Controller ports (2)
MEMORY CARD slots (2)

Outputs on the rear

AV MULTI OUT connector (1)

AC power adaptor

Power requirements
100 V AC, 50/60 Hz

Output voltage and current
7.5 V, 2.0 A max.

Dimensions

50 × 27 × 78 mm (w/h/d)

Mass

160 g

Supplied accessories

AC Adaptor (1)
AV Cable
(integrated audio/video) (1)
Analog Controller
(DUALSHOCK™) (1)
Instruction Manual (1)

Design and specifications are subject to change without notice.

SCPH-103

General

Power requirements
DC IN 7.5 V

Power consumption
9 W

Dimensions
193 × 38 × 144 mm (w/h/d)

Mass
560 g

Operating Temperature
5°C - 35°C

Laser diode properties

- Material : GaAlAs
- Wavelength : λ=780 nm
- Emission duration : Continuous
- Laser output : Less than 44.6 μW
(measured at a distance of 200 mm from the lens surface on the optical pick-up block)

Inputs/outputs on the front

Controller ports (2)
MEMORY CARD slots (2)

Outputs on the rear

AV MULTI OUT connector (1)

Supplied accessories

AC Adaptor (1)
AV Cable
(integrated audio/video) (1)
Analog Controller
(DUALSHOCK™) (1)
Instruction Manual (1)

Design and specifications are subject to change without notice.

SCPH-101

General

Power requirements
DC IN 7.5 V

Power consumption
9 W

Dimensions
193 × 38 × 144 mm (w/h/d)
(7 5/8 × 1 1/2 × 5 3/4 inches)

Mass
560 g (1 lb 3 oz)

Operating Temperature
41°F - 95°F (5°C - 35°C)

Laser diode properties

- Material : GaAlAs
- Wavelength : λ=780 nm
- Emission duration : Continuous
- Laser output : Less than 44.6 μW
(measured at a distance of 200 mm from the lens surface on the optical pick-up block)

Inputs/outputs on the front

Controller ports (2)
MEMORY CARD slots (2)

Outputs on the rear

AV MULTI OUT connector (1)

Supplied accessories

AC Adaptor (1)
AV Cable
(integrated audio/video) (1)
Analog Controller
(DUALSHOCK™) (1)
Instruction Manual (1)

Design and specifications are subject to change without notice.

SCPH-102

General

Power requirements
DC IN 7.5 V

Power consumption
9 W

Dimensions
193 × 38 × 144 mm (w/h/d)

Mass
560 g

Operating Temperature
41°F - 95°F (5°C - 35°C)

Laser diode properties

- Material : GaAlAs
- Wavelength : λ=780 nm
- Emission duration : Continuous
- Laser output : Less than 44.6 μW
(measured at a distance of 200 mm from the lens surface on the optical pick-up block)

Inputs/outputs on the front

Controller ports (2)
MEMORY CARD slots (2)

Outputs on the rear

AV MULTI OUT connector (1)

Supplied accessories

AC Adaptor (1)
AV Cable
(integrated audio/video) (1)
Analog Controller
(DUALSHOCK™) (1)
Instruction Manual (1)

Design and specifications are subject to change without notice.

SECTION 2 EXPLODED VIEW

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Accessories and packing materials are given in the last of this parts list.

The components identified by mark Δ or dotted line with mark. Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

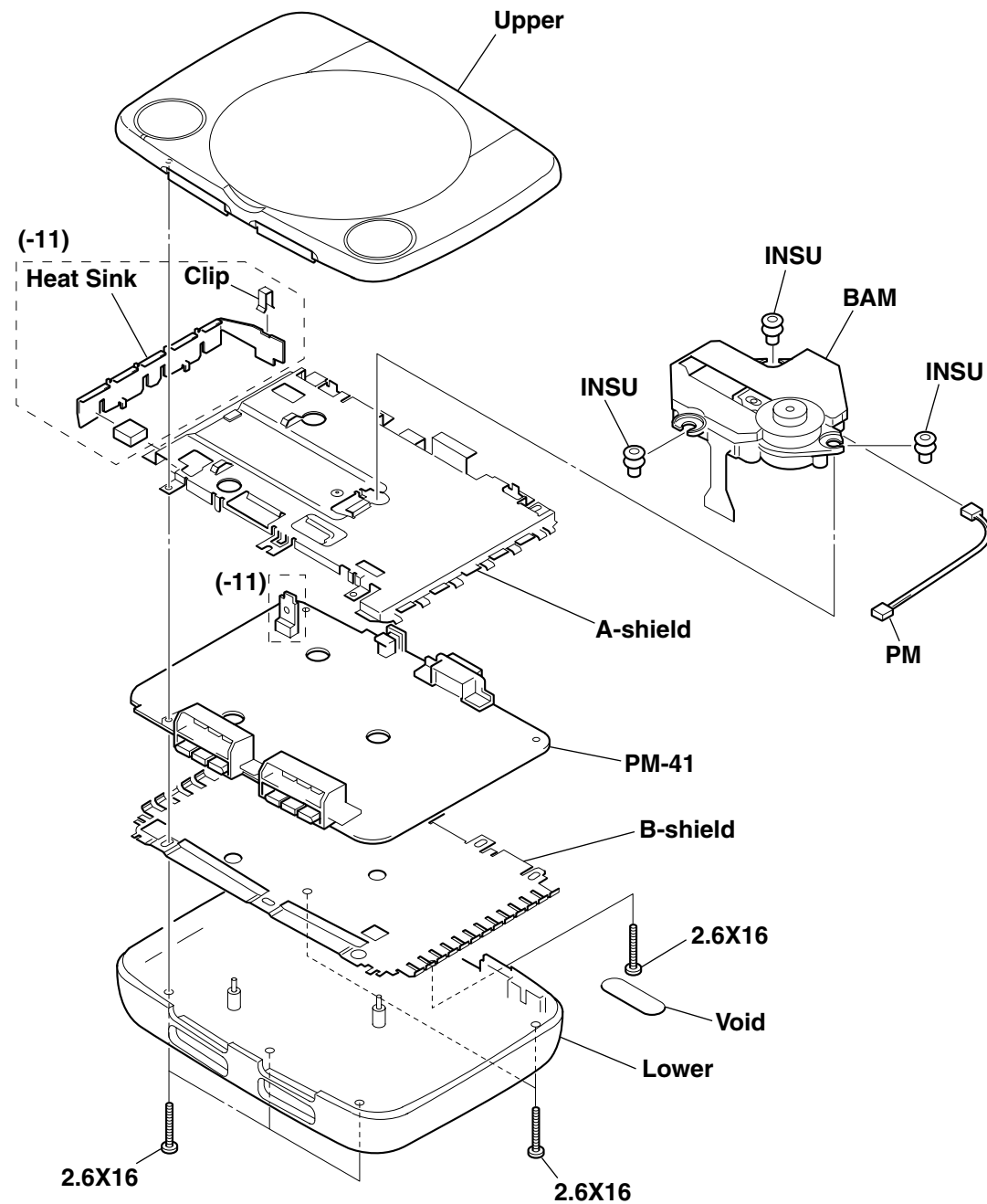
NOTE:

- SC Classification :
S : Stocked parts U : Unsupplied parts
O : Ordered parts

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

2-1. MAIN BLOCK



SC	Ref. No.	Part No.	Description	Remark
O	A-shield	X-3950-906-1	SHIELD (A) ASSY	
O	B-shield	3-063-429-01	SHIELD (B)	
S Δ	BAM	8-820-135-01	DEVICE, OPTICAL KSM-440BAM/C1NP	
O	Clip	3-063-704-01	CLIP (-11)	
O	Heat Sink	3-063-703-01	HEAT SINK (-11)	
S	INSU	3-063-428-01	INSULATOR (A) (-11)	
S	INSU	3-965-376-11	INSULATOR (-21/-31/-41/-51/-61)	
O	Lower	X-3950-801-1	CABINET (LOWER) ASSY (101)	
O	Lower	X-3950-806-1	CABINET (LOWER) ASSY (100:-21/-31/-41/-51/-61,102/103)	
O	Lower	X-3950-905-1	CABINET (LOWER) ASSY (-11)	
O	PM	1-954-377-31	HARNESS (PM-86)	
O Δ	PM-41	A-6713-742-A	PM-41 BOARD, COMPLETE (100:-11/-21/-31)	
O Δ	PM-41	A-6713-768-A	PM-41 BOARD, COMPLETE (101:-21/-31)	
O Δ	PM-41	A-6713-776-A	PM-41 BOARD, COMPLETE (102:-21/-31)	
O Δ	PM-41	A-6713-853-A	PM-41 BOARD, COMPLETE (100:-41/-51)	
O Δ	PM-41	A-6713-854-A	PM-41 BOARD, COMPLETE (101:-41/-51)	
O Δ	PM-41	A-6713-855-A	PM-41 BOARD, COMPLETE (102:-41/-51)	
O Δ	PM-41	A-6713-864-A	PM-41 BOARD, COMPLETE (103:-41/-51)	
O Δ	PM-41	A-6713-902-A	PM-41 BOARD, COMPLETE (101:-61)	
O Δ	PM-41	A-6713-903-A	PM-41 BOARD, COMPLETE (100:-61)	
O Δ	PM-41	A-6713-904-A	PM-41 BOARD, COMPLETE (102:-61)	
O Δ	PM-41	A-6713-906-A	PM-41 BOARD, COMPLETE (103:-61)	
O	Upper	X-3950-800-1	CABINET (UPPER) ASSY (101)	
O	Upper	X-3950-904-1	CABINET (UPPER) ASSY (-11)	
O	Upper	X-3950-904-2	CABINET (UPPER) ASSY (100:-21/-31/-41/-51/-61,102/103)	
O	Void	3-064-752-01	TAPE, VOID (100)	
O	Void	3-065-630-01	TAPE (B), VOID (101)	
O	Void	3-065-656-01	TAPE (C), VOID (102)	
O	Void	3-066-884-01	TAPE (D), VOID (103)	
O	2.6X16	3-063-705-01	SCREW (2.6X16), TAPPING	

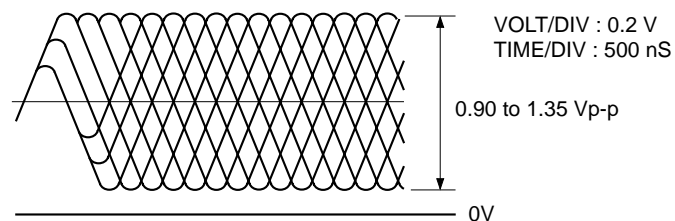
<p>The components identified by mark Δ or dotted line with mark. Δ are critical for safety. Replace only with part number specified.</p>	<p>Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.</p>
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SECTION 3 ADJUSTMENTS

3-1. CHECK SPECIFICATION

RF level 0.90 to 1.35 Vp-p (Check point : Between CL704 (HOT) and CL710 (VC).)

- RF signal waveform (eye pattern)



Use SCD-2700 DISC when measured RF level.
Use the oscilloscope with input impedance more than 10 MΩ.

RF Jitter Below 9.0 nS (Measuring by KJM-6135S JITTER METER.)

Below 27.0 nS (Measuring by KJM-6235S JITTER METER.)

PP level 1.1 ± 0.6 Vp-p (Check point : Between CL776 (HOT) and CL710 (VC).)

Use LPF (fc = 10 kHz)

Tracking level 1.25 ± 0.65 Vp-p (Check point : Between CL709 (HOT) and CL710 (VC).)

Caution. Vc Line (CL710) do not make common use with GND line.

3-2. ADJUSTMENT & CHECK TOOL

SCD-2700 TEST DISC
(J-2504-010-A)

QA DISC

PTPX-97001 for Japan & Asia area.
(J-2504-013-A)

PUPX-93001 for USA & Canada area.
(J-2504-009-A)

PEPX-94001 for Europe, Australia, Galf area.
(J-2504-007-A)

AGING DISC

PTPX-97002 for Japan & Asia area.
(J-2504-019-A)

PUPX-93002 for USA & Canada area.
(J-2504-020-A)

PEPX-94002 for Europe, Australia, Galf area.
(J-2504-017-A)

ANALOG CONTROLLER SERVICE DISC

PTPX-97012 for Japan & Asia area.
(J-2504-021-A)

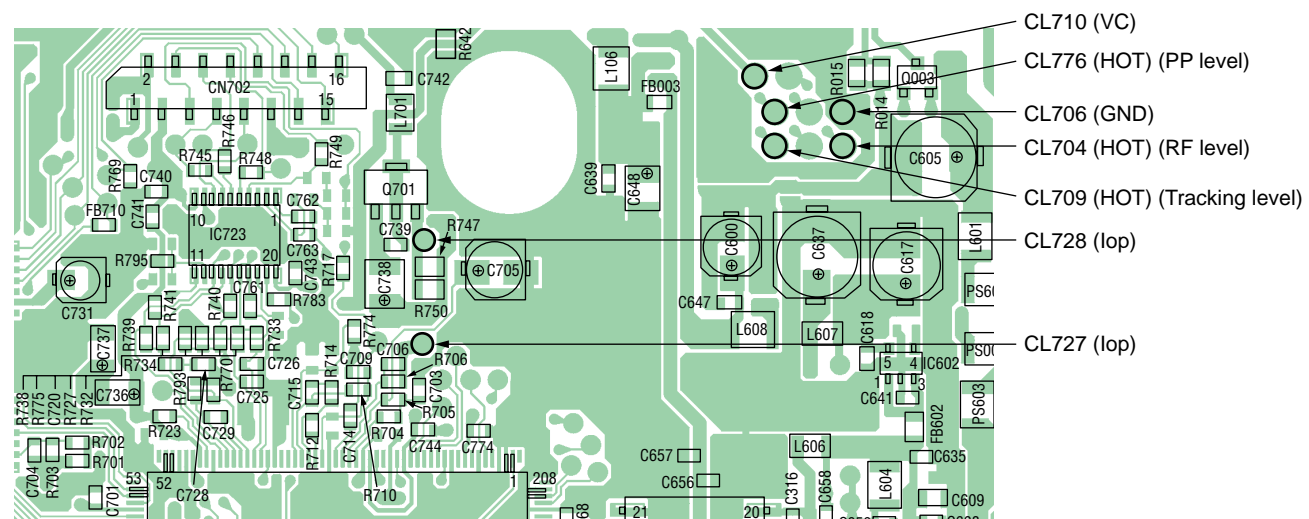
PUPX-93010 for USA & Canada area.
(J-2504-022-A)

PEPX-94009 for Europe, Australia, Galf area.
(J-2504-023-A)

ANALOG CONTROLLER CHECKER (PRE-H3000)
(J-2504-008-A)

SWITCH ON JIG (PRJ-001)
(J-2504-003-A)

Check Point for PU-41 Board.



3-3. ATTENTION

Dielectric voltage withstand of Optical Device.

After repair complete. Dielectric voltage withstand test and Insulation resistance test to be conducted according to the regulation of IEC-65 EN60065 or UL1492 or 電気用品取締法 .

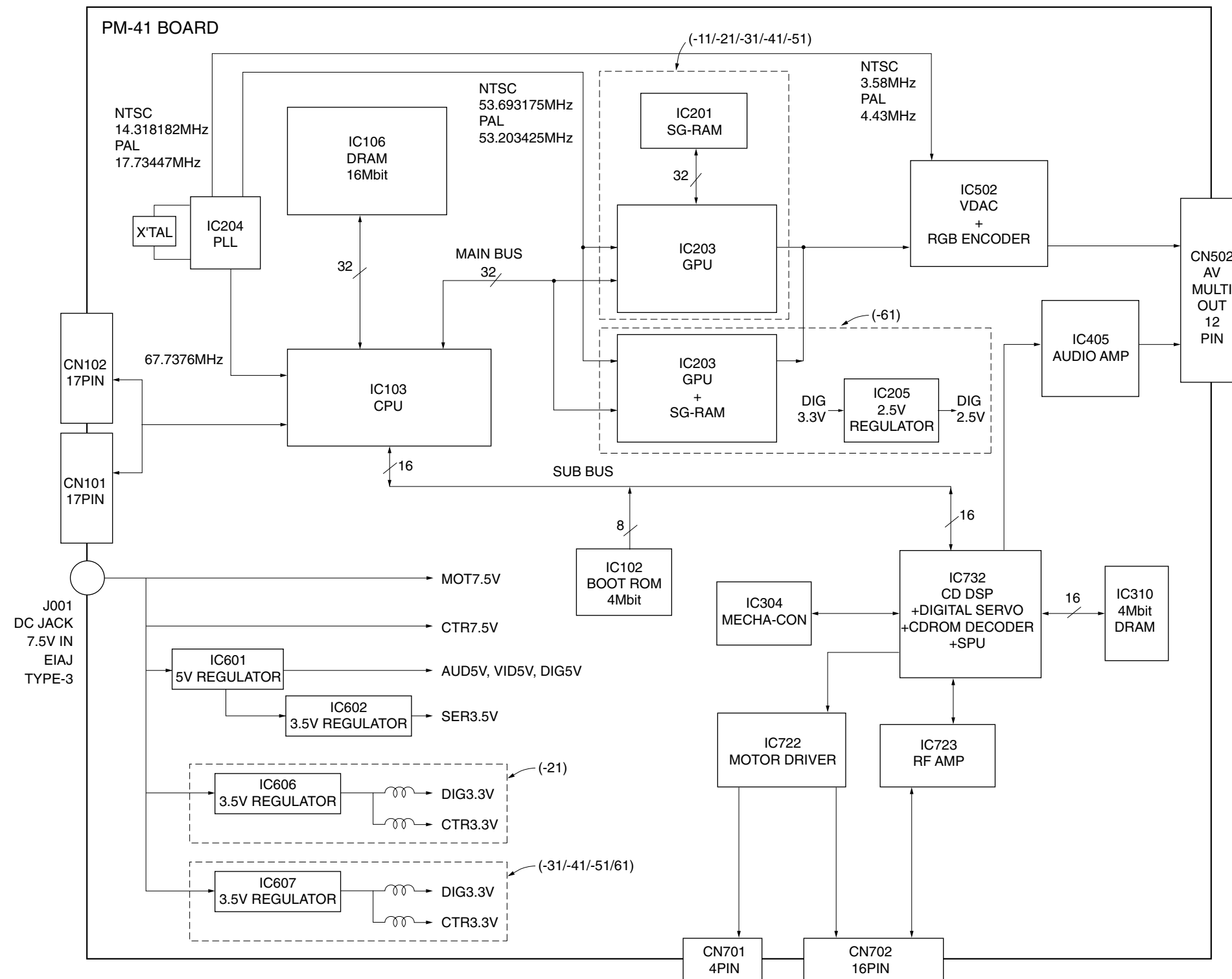
About replacement of Optical Device.

Check the specification of RF level, Jitter, Eye pattern, Focus gain and Tracking error using Check jig before replacing the Optical Device.

When Optical Device satisfied those specification, Playback QA DISC or AGING DISC for checking double speed ability and sledding mechanism.


SECTION 4 BLOCK DIAGRAM

4-1. OVERALL BLOCK DIAGRAM





THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.

Note on Printed Wiring Boards :

- Through hole is omitted.
-  : Pattern on the side which is seen.
- Chip parts.



Note on Schematic Diagram :

- Caution when replacing chip parts. New parts must be attached after removal of chip. Be careful not to heat the minus side of tantalum capacitor, because it is damaged by the heat.
- All capacitors are in μF unless otherwise noted. pF : μpF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/16 W or less unless otherwise specified.
- Chip resistor are 1/10 W or 1/16 W unless otherwise noted. $\text{k}\Omega$: 1000 Ω , $\text{M}\Omega$: 1000 $\text{k}\Omega$.
-  : B+ Line. *
-  : IN/OUT direction of (+, -) B LINE. *
- Circled numbers refer to waveforms. *
- * Indicated by the color red.

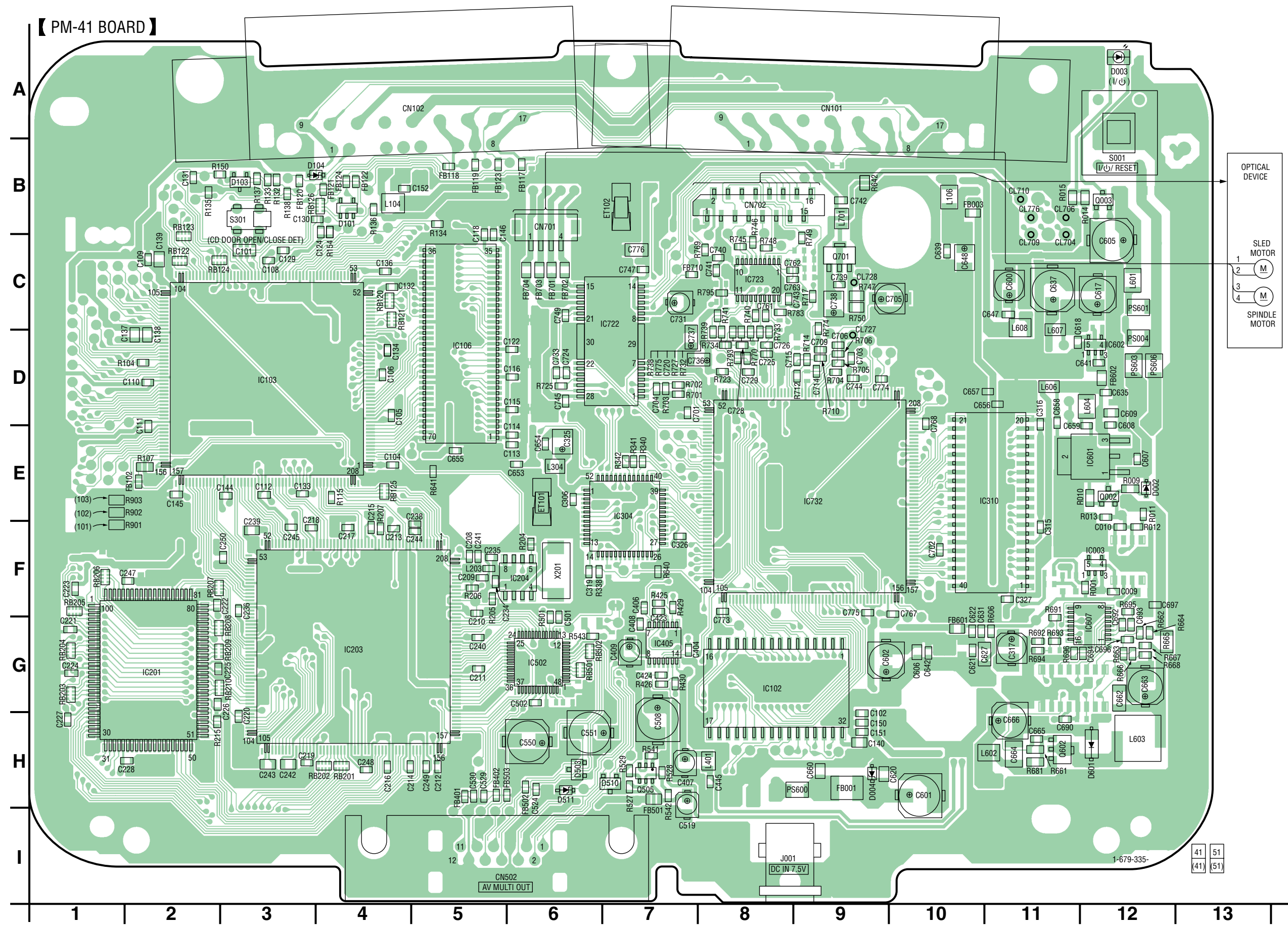
Note :

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

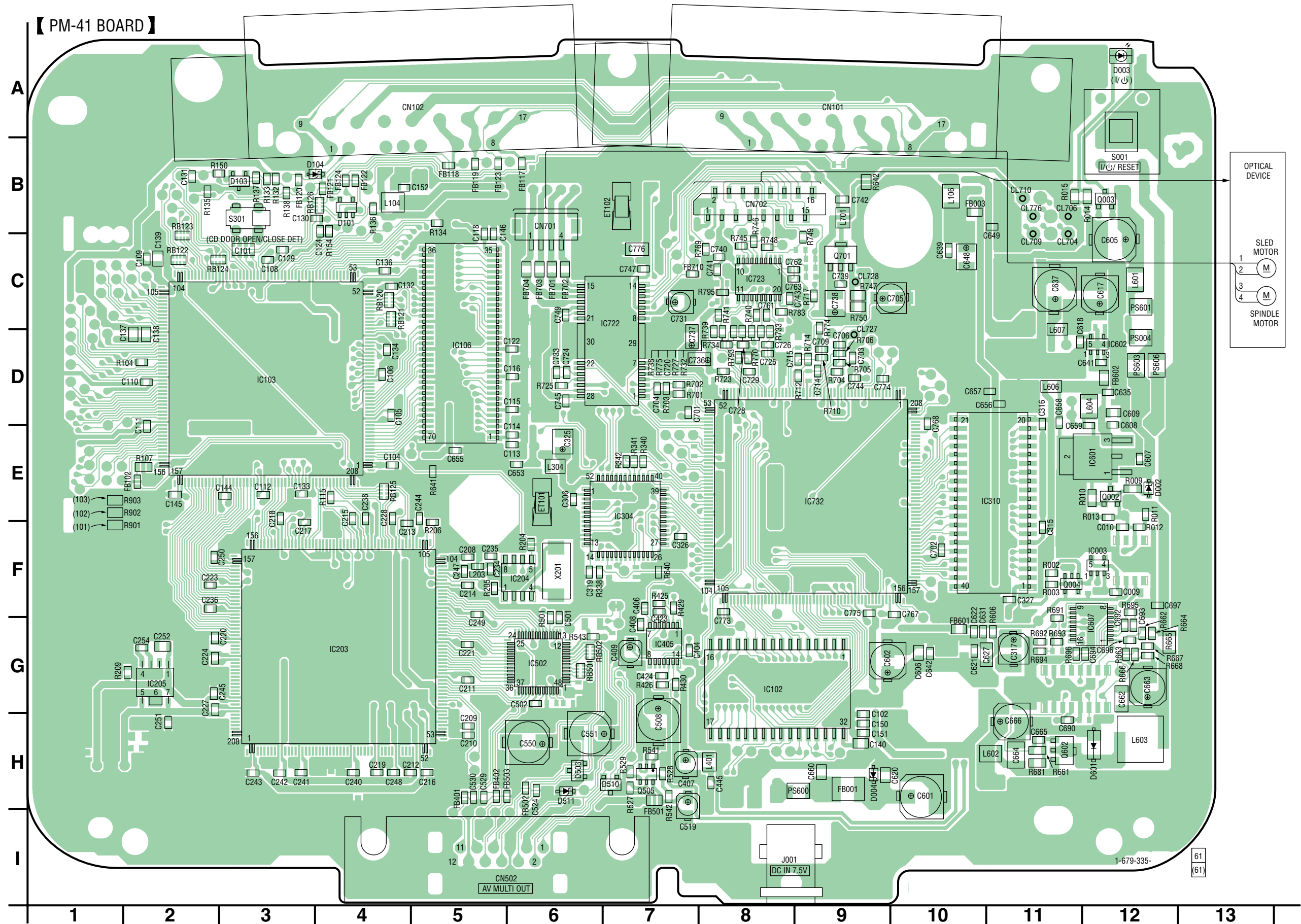
Note :

Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-3. PRINTED WIRING BOARD (PM-41 (-41/-51) BOARD) (SCPH-100/101/102/103)

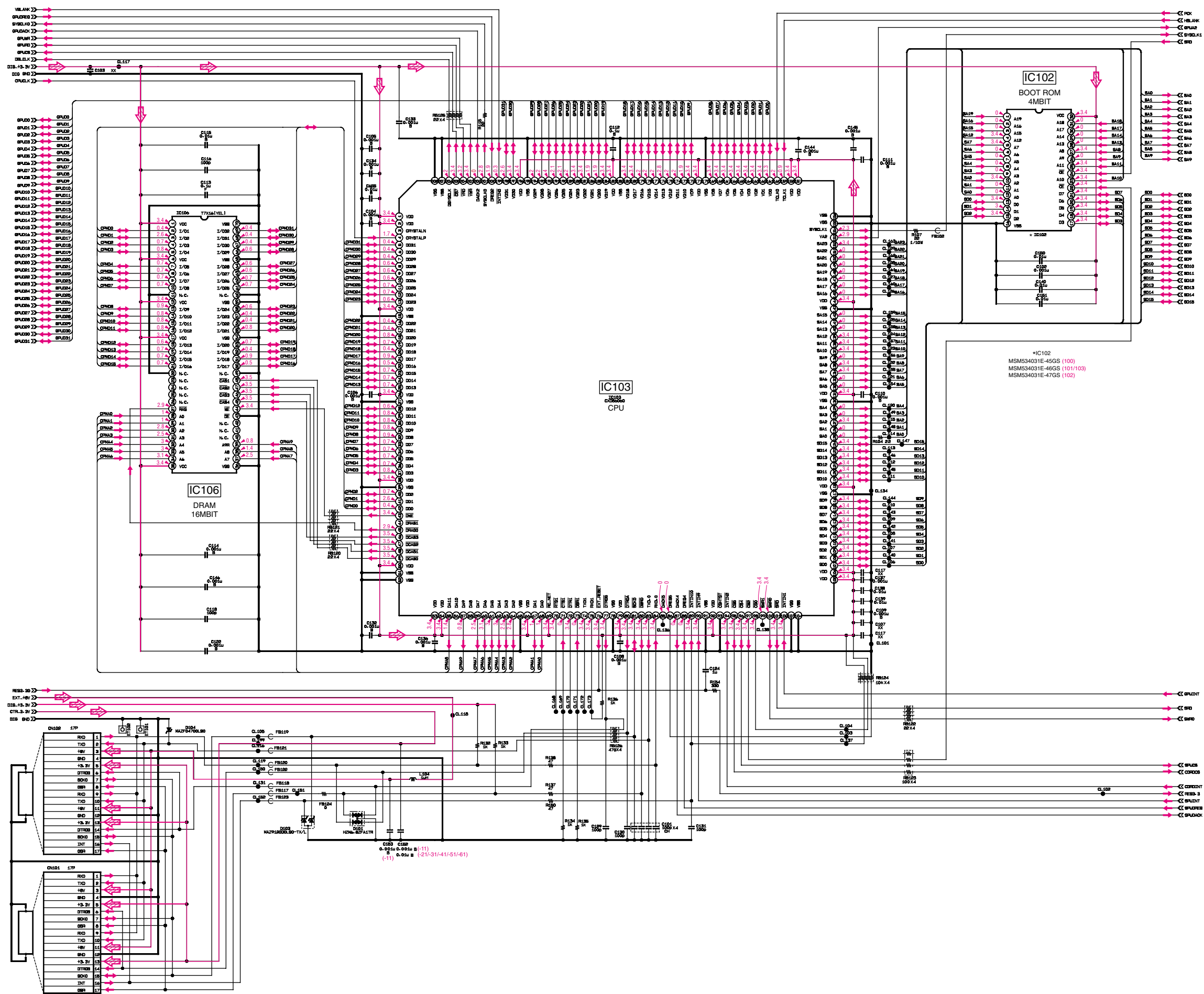


5-4. PRINTED WIRING BOARD (PM-41 (-61) BOARD) (SCPH-100/101/102/103)

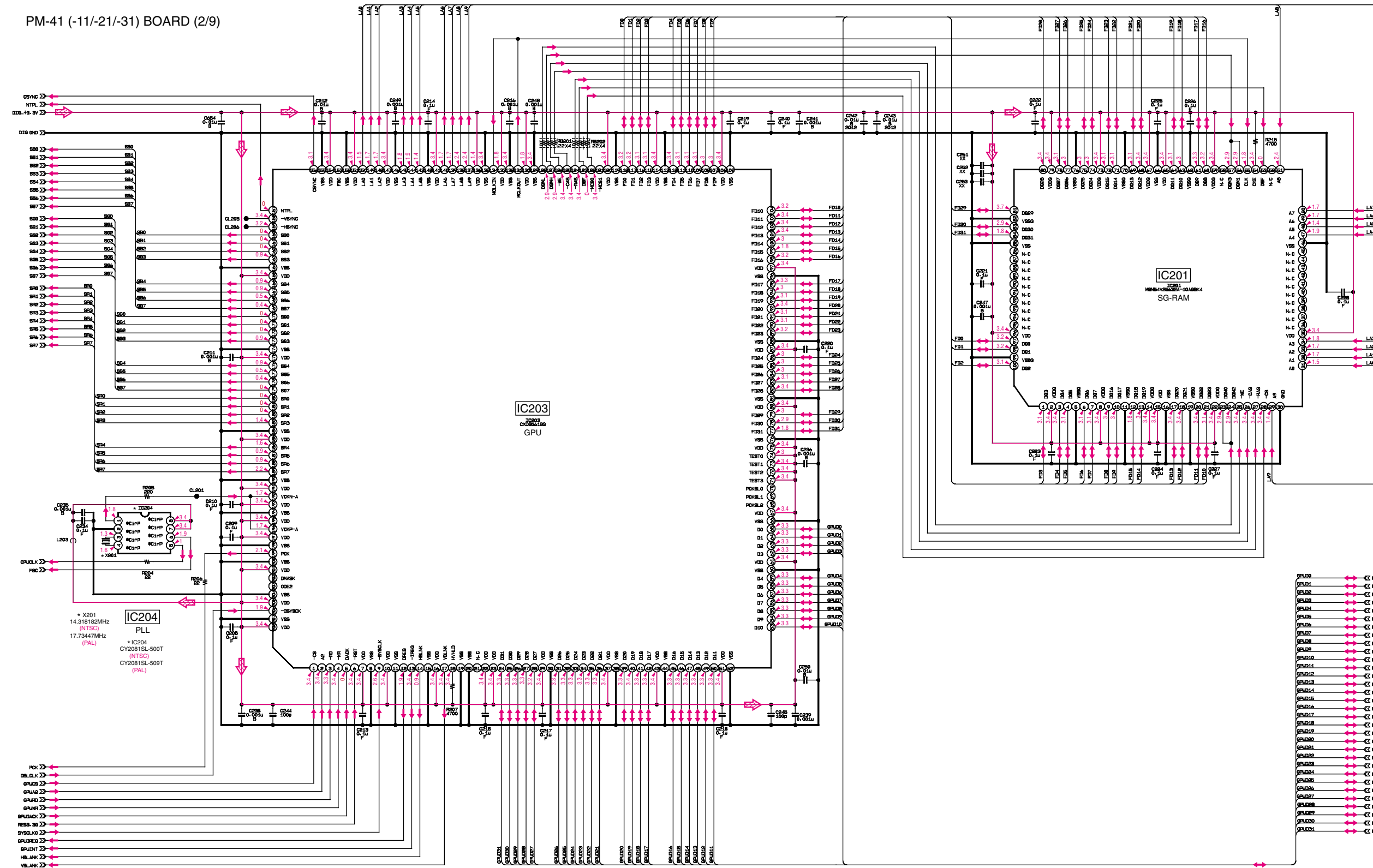


5-5. SCHEMATIC DIAGRAM (PM-41 (-11/-21/-31/-41/-51/-61) BOARD (1/9))

PM-41 (-11/-21/-31/-41/-51/-61) BOARD (1/9)

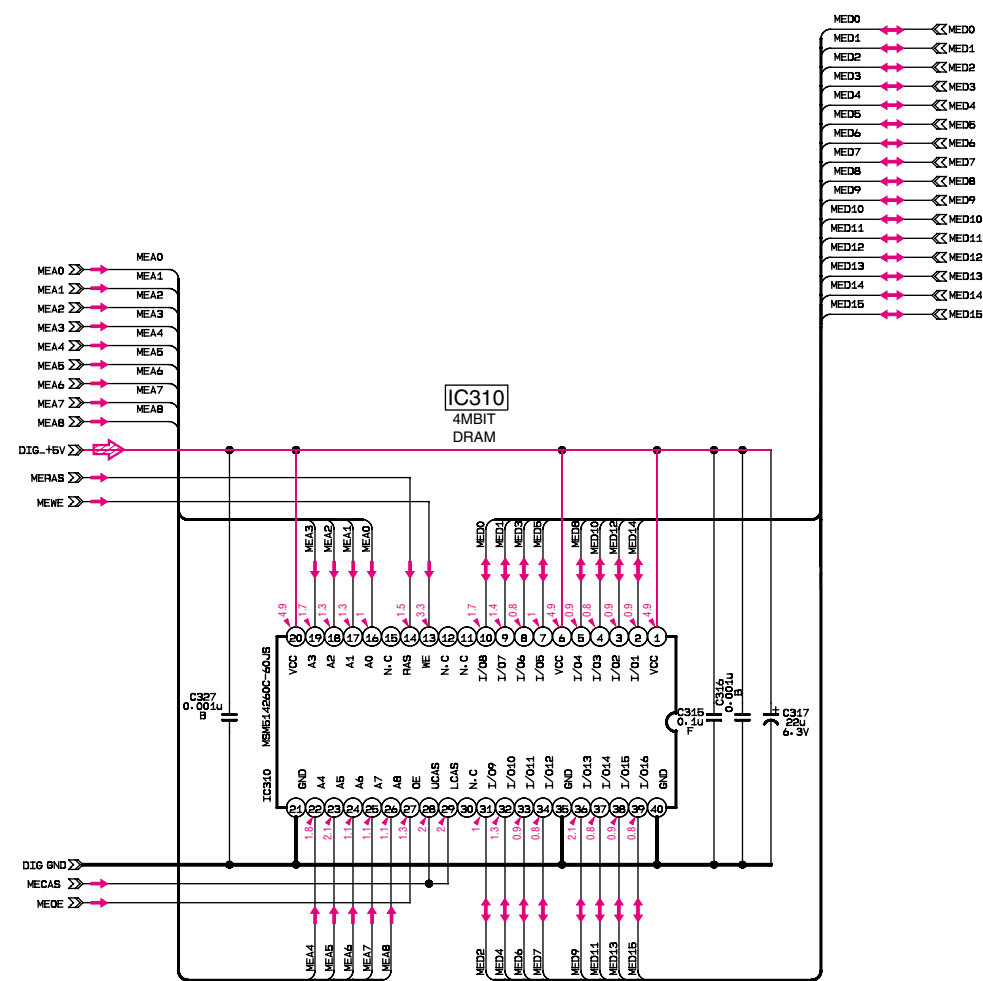
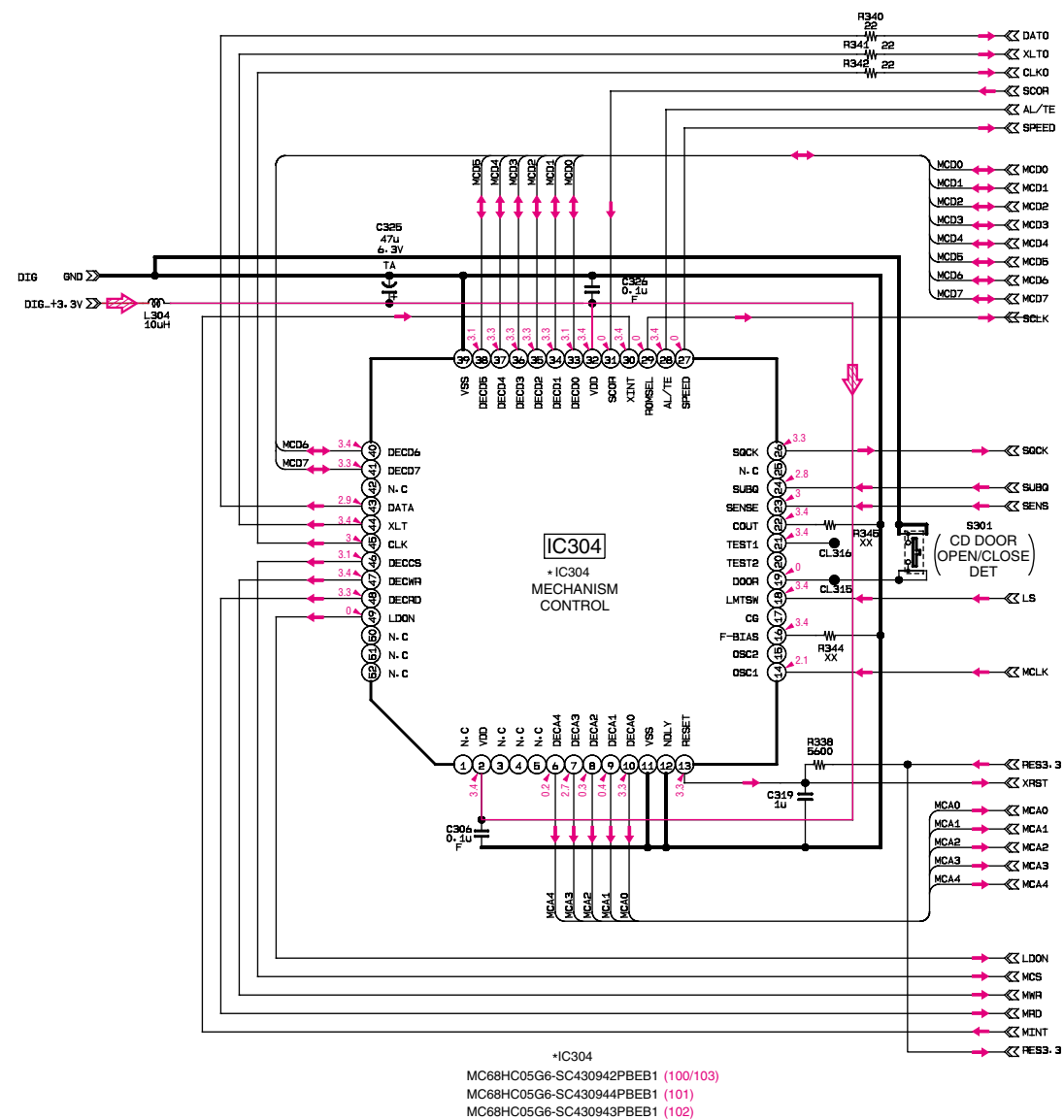


5-6. SCHEMATIC DIAGRAM (PM-41 (-11/-21/-31) BOARD (2/9))



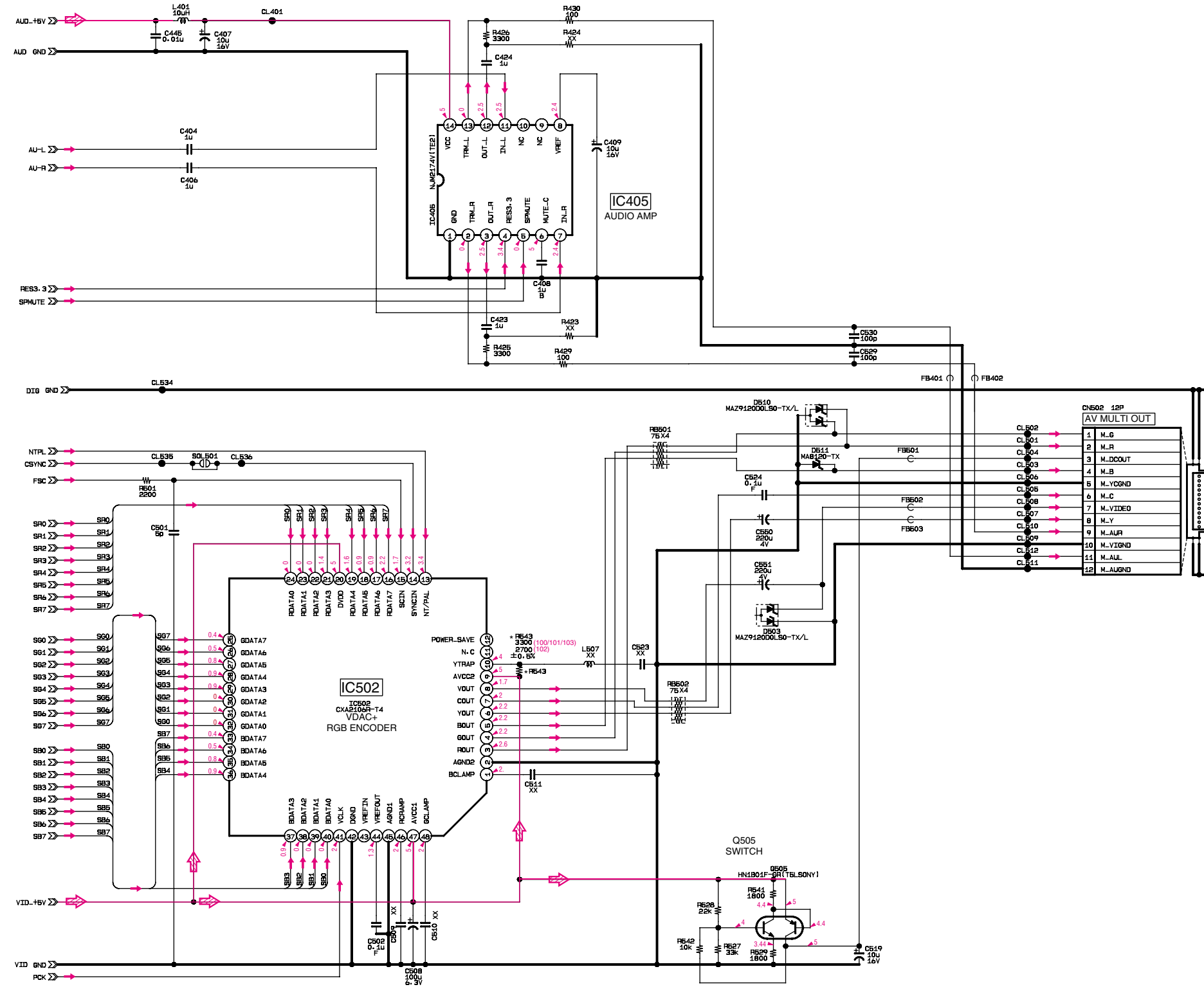
5-9. SCHEMATIC DIAGRAM (PM-41 (-11/-21/-31/-41/-51/-61) BOARD (5/9))

PM-41 (-11/-21/-31/-41/-51/-61) BOARD (5/9)



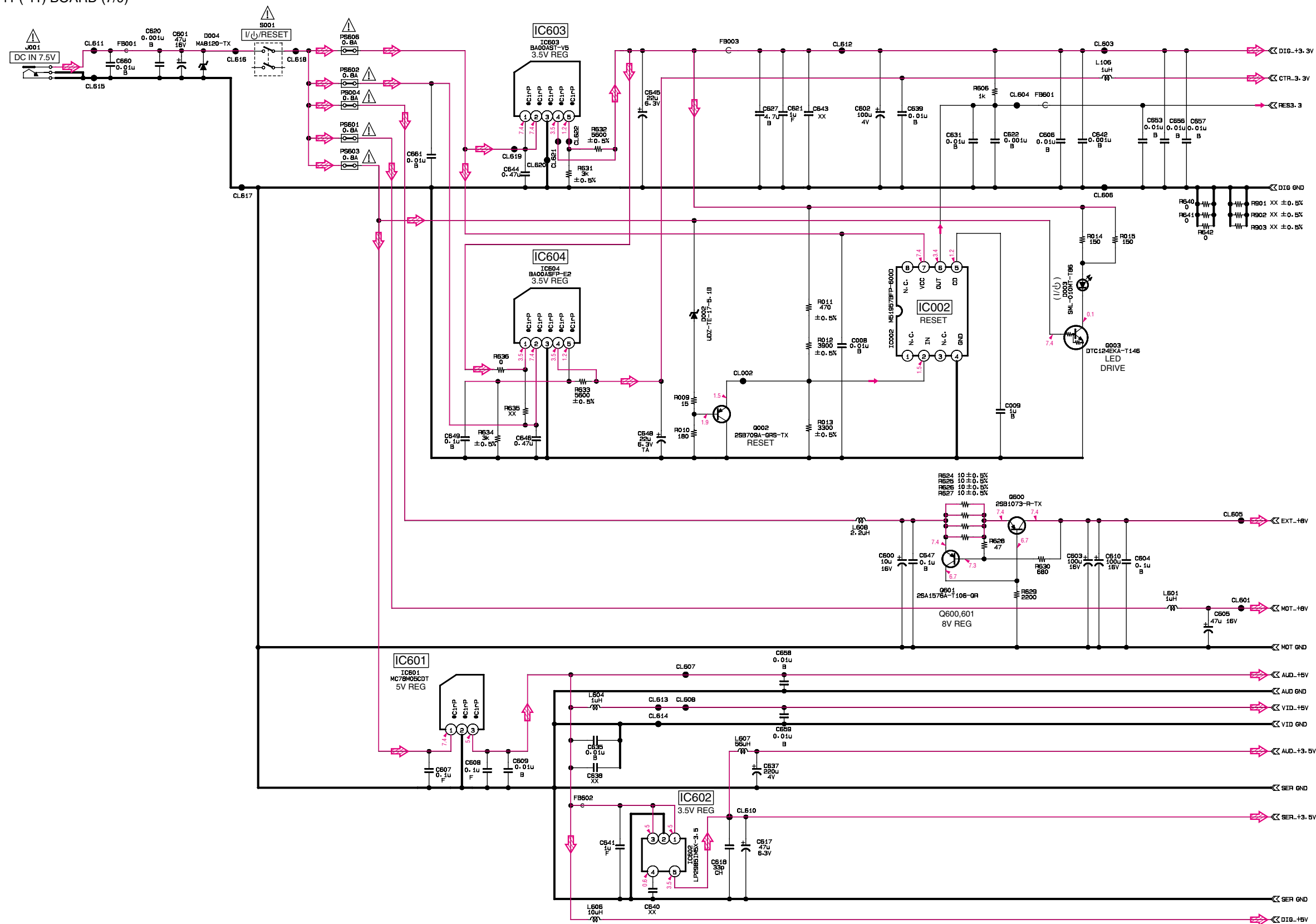
5-10. SCHEMATIC DIAGRAM (PM-41 (-11/-21/-31/-41/-51/-61) BOARD (6/9))

PM-41(-11/-21/-31/-41/-51/-61) BOARD (6/9)



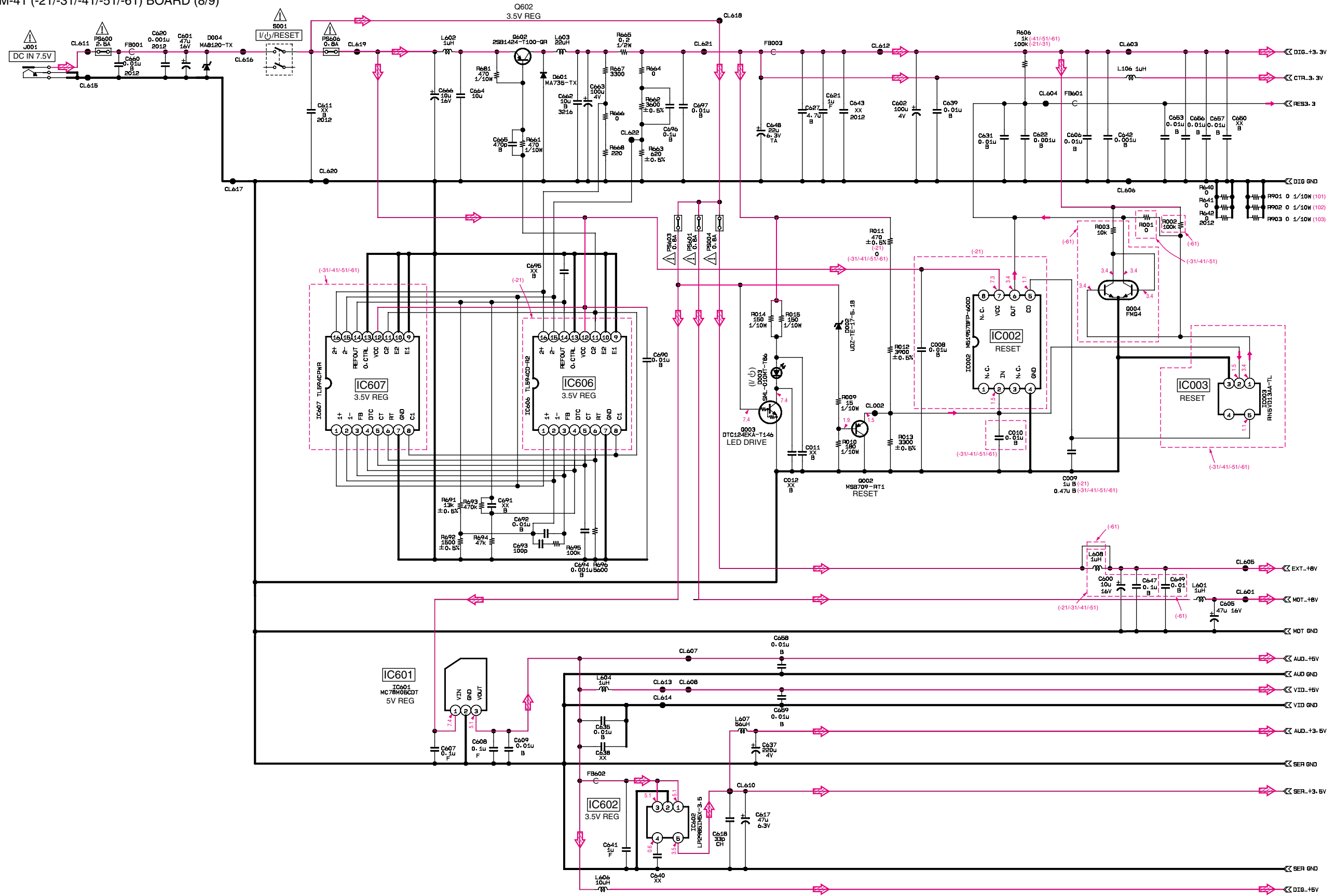
5-11. SCHEMATIC DIAGRAM (PM-41 (-11) BOARD (7/9))

PM-41 (-11) BOARD (7/9)



5-12. SCHEMATIC DIAGRAM (PM-41 (-21/-31/-41/-51/-61) BOARD (8/9))

PM-41 (-21/-31/-41/-51/-61) BOARD (8/9)



SECTION 6 ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
METAL: Metal-film resistor.
F: nonflammable
- SEMICONDUCTORS
In each case, u : μ , for example:
uA.. : μ A.. uPA.. : μ PA..
uPB.. : μ PB.. uPC.. : μ PC.. uPD.. : μ PD..

- CAPACITORS
uF : μ F
- COILS
uH : μ H

When indicating parts by reference number, please include the board.

NOTE:

- SC Classification :
S : Stocked parts
O : Ordered parts
U : Unsupplied parts

The components identified by mark Δ or dotted line with mark. Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

SC	Ref. No.	Part No.	Description	Remark	SC	Ref. No.	Part No.	Description	Remark
O Δ		A-6713-742-A	PM-41 BOARD, COMPLETE (100:-11/-21/-31)		O	C136	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
O Δ		A-6713-768-A	PM-41 BOARD, COMPLETE (101:-21/-31)		O	C137	1-163-275-11	CERAMIC CHIP	0.001uF 5% 50V
O Δ		A-6713-776-A	PM-41 BOARD, COMPLETE (102:-21/-31)		O	C138	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V
O Δ		A-6713-853-A	PM-41 BOARD, COMPLETE (100:-41/-51)		O	C139	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V
O Δ		A-6713-854-A	PM-41 BOARD, COMPLETE (101:-41/-51)		O	C140	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V
O Δ		A-6713-855-A	PM-41 BOARD, COMPLETE (102:-41/-51)		O	C144	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
O Δ		A-6713-864-A	PM-41 BOARD, COMPLETE (103:-41/-51)		O	C145	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
O Δ		A-6713-902-A	PM-41 BOARD, COMPLETE (101:-61)		O	C146	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
O Δ		A-6713-903-A	PM-41 BOARD, COMPLETE (100:-61)		O	C150	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
O Δ		A-6713-904-A	PM-41 BOARD, COMPLETE (102:-61)		O	C151	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
O Δ		A-6713-906-A	PM-41 BOARD, COMPLETE (103:-61)		O	C152	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (-11)
			*****		O	C152	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (-21/-31/-41/-51/-61)
			< CAPACITOR >		O	C153	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (-11)
O	C008	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V (-11/-21)	O	C208	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C009	1-125-837-91	CERAMIC CHIP	1uF 10% 6.3V (-11/-21)	O	C209	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C009	1-125-891-11	CERAMIC CHIP	0.47uF 10% 10V (-31/-41/-51/-61)	O	C210	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C010	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (-31/-41/-51/-61)	O	C211	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (-11/-21/-31/-41/-51)
O	C101	1-125-764-41	CERAMIC CHIP	100PFx4 50V	O	C211	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-61)
O	C102	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	O	C212	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (-11/-21/-31/-41/-51)
O	C104	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	O	C212	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-61)
O	C105	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	O	C213	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C106	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	O	C214	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C108	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	O	C215	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C109	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	O	C215	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (-11/-21/-31/-41/-51)
O	C110	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	O	C216	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-61)
O	C111	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	O	C217	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C112	1-164-156-11	CERAMIC CHIP	0.1uF 25V	O	C218	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C113	1-164-156-11	CERAMIC CHIP	0.1uF 25V	O	C219	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C114	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	O	C220	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C115	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	O	C221	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C116	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	O	C222	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-11/-21/-31/-41/-51)
O	C118	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	O	C223	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C122	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	O	C224	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C124	1-115-156-11	CERAMIC CHIP	1uF 10V	O	C225	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-11/-21/-31/-41/-51)
O	C129	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	O	C226	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-11/-21/-31/-41/-51)
O	C130	1-162-927-11	CERAMIC CHIP	100PF 5% 50V					
O	C131	1-162-927-11	CERAMIC CHIP	100PF 5% 50V					
O	C132	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V					
O	C133	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V					
O	C134	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V					

SC	Ref. No.	Part No.	Description	Remark	SC	Ref. No.	Part No.	Description	Remark
O	C227	1-164-156-11	CERAMIC CHIP	0.1uF 25V	O	C306	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C228	1-164-156-11	CERAMIC CHIP	0.1uF 25V	O	C315	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C234	1-164-156-11	CERAMIC CHIP	0.1uF 25V	O	C316	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
O	C235	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	O	C317	1-124-778-00	ELECT CHIP	22uF 20% 6.3V
O	C236	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (-11/-21/-31/-41/-51)	O	C319	1-115-156-11	CERAMIC CHIP	1uF 10V
O	C236	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-61)	O	C325	1-110-569-11	TANTAL. CHIP	47uF 20% 6.3V
O	C238	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (-11/-21/-31/-41/-51)	O	C326	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C238	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-61)	O	C327	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
O	C239	1-163-275-11	CERAMIC CHIP	0.001uF 5% 50V (-11/-21/-31/-41/-51)	O	C404	1-125-837-91	CERAMIC CHIP	1uF 10% 6.3V
O	C240	1-164-156-11	CERAMIC CHIP	0.1uF 25V	O	C406	1-125-837-91	CERAMIC CHIP	1uF 10% 6.3V
O	C241	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (-11/-21/-31/-41/-51)	O	C407	1-128-004-11	ELECT CHIP	10uF 20% 16V
O	C241	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-61)	O	C408	1-125-837-91	CERAMIC CHIP	1uF 10% 6.3V
O	C242	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V (-11/-21/-31/-41/-51)	O	C409	1-128-004-11	ELECT CHIP	10uF 20% 16V
O	C242	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-61)	O	C423	1-125-837-91	CERAMIC CHIP	1uF 10% 6.3V
O	C243	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V (-11/-21/-31/-41/-51)	O	C424	1-125-837-91	CERAMIC CHIP	1uF 10% 6.3V
O	C243	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-61)	O	C445	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
O	C244	1-162-927-11	CERAMIC CHIP	100PF 5% 50V (-11/-21/-31/-41/-51)	O	C501	1-162-910-11	CERAMIC CHIP	5PF 0.25PF 50V
O	C244	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-61)	O	C502	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C245	1-162-927-11	CERAMIC CHIP	100PF 5% 50V (-11/-21/-31/-41/-51)	O	C508	1-126-206-11	ELECT CHIP	100uF 20% 6.3V
O	C245	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-61)	O	C519	1-128-004-11	ELECT CHIP	10uF 20% 16V
O	C247	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (-11/-21/-31/-41/-51)	O	C524	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C247	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-61)	O	C529	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
O	C248	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (-11/-21/-31/-41/-51)	O	C530	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
O	C248	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-61)	O	C550	1-126-210-21	ELECT CHIP	220uF 20% 4V
O	C249	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (-11/-21/-31/-41/-51)	O	C551	1-126-210-21	ELECT CHIP	220uF 20% 4V
O	C249	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-61)	O	C600	1-124-779-00	ELECT CHIP	10uF 20% 16V (-11/-21/-31/-41/-51)
O	C250	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (-11/-21/-31/-41/-51)	O	C601	1-126-204-11	ELECT CHIP	47uF 20% 16V
O	C250	1-164-156-11	CERAMIC CHIP	0.1uF 25V (-61)	O	C602	1-126-209-11	ELECT CHIP	100uF 20% 4V
O	C251	1-125-837-91	CERAMIC CHIP	1uF 10% 6.3V (-61)	O	C603	1-117-681-11	ELECT CHIP	100uF 20% 16V (-11)
O	C252	1-125-838-91	CERAMIC CHIP	2.2uF 10% 6.3V (-61)	O	C604	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V (-11)
O	C254	1-162-962-11	CERAMIC CHIP	470PF 10% 50V (-61)	O	C605	1-126-204-11	ELECT CHIP	47uF 20% 16V
					O	C606	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V
					O	C607	1-164-156-11	CERAMIC CHIP	0.1uF 25V
					O	C608	1-164-156-11	CERAMIC CHIP	0.1uF 25V
					O	C609	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V
					O	C610	1-117-681-11	ELECT CHIP	100uF 20% 16V (-11)
					O	C617	1-126-205-11	ELECT CHIP	47uF 20% 6.3V
					O	C618	1-162-921-11	CERAMIC CHIP	33PF 5% 50V
					O	C620	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (-11)
					O	C620	1-163-009-11	CERAMIC CHIP	0.001uF 10% 50V (-21/-31/-41/-51/-61)
					O	C621	1-115-156-11	CERAMIC CHIP	1uF 10V
					O	C622	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
					O	C627	1-115-566-11	CERAMIC CHIP	4.7uF 10% 10V
					O	C631	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
					O	C635	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
					O	C637	1-126-210-21	ELECT CHIP	220uF 20% 4V
					O	C639	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
					O	C641	1-115-156-11	CERAMIC CHIP	1uF 10V

SC	Ref. No.	Part No.	Description	Remark	SC	Ref. No.	Part No.	Description	Remark
O	C642	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	O	C709	1-164-174-11	CERAMIC CHIP	0.0082uF 10% 25V
O	C644	1-164-005-11	CERAMIC CHIP	0.47uF (-11)	O	C714	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V
O	C645	1-124-778-00	ELECT CHIP	22uF 20% 6.3V (-11)	O	C715	1-165-176-11	CERAMIC CHIP	0.047uF 10% 16V
O	C646	1-164-005-11	CERAMIC CHIP	0.47uF 25V (-11)	O	C720	1-162-962-11	CERAMIC CHIP	470PF 10% 50V
O	C647	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V (-11/-21/-31/-41/-51)	O	C724	1-115-467-11	CERAMIC CHIP	0.22uF 10% 10V
O	C648	1-104-849-91	TANTAL. CHIP	22uF 20% 6.3V (-11)	O	C725	1-162-962-11	CERAMIC CHIP	470PF 10% 50V
O	C649	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V (-11)	O	C726	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
O	C649	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (-61)	O	C728	1-162-925-11	CERAMIC CHIP	68PF 5% 50V
O	C653	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (-11/-21/-31/-41/-51)	O	C729	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V
O	C654	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (-11/-21/-31/-41/-51)	O	C731	1-128-004-11	ELECT CHIP	10uF 20% 16V
O	C655	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	O	C733	1-115-467-11	CERAMIC CHIP	0.22uF 10% 10V
O	C656	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	O	C736	1-104-847-11	TANTAL. CHIP	22uF 20% 4V
O	C657	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	O	C737	1-104-847-11	TANTAL. CHIP	22uF 20% 4V
O	C658	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	O	C738	1-104-752-11	TANTAL. CHIP	33uF 20% 6.3V
O	C659	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	O	C739	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
O	C660	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (-11)	O	C740	1-115-467-11	CERAMIC CHIP	0.22uF 10% 10V
O	C660	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V (-21/-31/-41/-51/-61)	O	C741	1-115-467-11	CERAMIC CHIP	0.22uF 10% 10V
O	C661	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (-11)	O	C742	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
O	C662	1-125-817-11	CERAMIC CHIP	10uF 10% 6.3V (-21/-31/-41/-51/-61)	O	C743	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C663	1-126-209-11	ELECT CHIP	100uF 20% 4V (-21/-31/-41/-51/-61)	O	C744	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
O	C664	1-117-808-91	CERAMIC CHIP	10uF 10% 10V (-21/-31/-41/-51/-61)	O	C745	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C665	1-162-962-11	CERAMIC CHIP	470PF 10% 50V (-21/-31/-41/-51/-61)	O	C747	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C666	1-124-779-00	ELECT CHIP	10uF 20% 16V (-21/-31/-41/-51/-61)	O	C749	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C690	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (-21/-31/-41/-51/-61)	O	C761	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V
O	C692	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (-21/-31/-41/-51/-61)	O	C762	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
O	C693	1-162-927-11	CERAMIC CHIP	100PF 5% 50V (-21/-31/-41/-51/-61)	O	C763	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
O	C694	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (-21/-31/-41/-51/-61)	O	C767	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C696	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V (-21/-31/-41/-51/-61)	O	C768	1-115-156-11	CERAMIC CHIP	1uF 10V
O	C697	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (-21/-31/-41/-51/-61)	O	C773	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
O	C701	1-164-156-11	CERAMIC CHIP	0.1uF 25V	O	C774	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
O	C702	1-115-156-11	CERAMIC CHIP	1uF 10V	O	C775	1-164-156-11	CERAMIC CHIP	0.1uF 25V
O	C703	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	O	C776	1-115-566-11	CERAMIC CHIP	4.7uF 10% 10V
O	C704	1-162-967-11	CERAMIC CHIP	0.0033uF 10% 50V	< TERMINAL BOARD >				
O	C705	1-126-191-11	ELECT CHIP	0.47uF 20% 50V	O	CN101	1-694-748-11	TERMINAL BOARD (FRONT)	
O	C706	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	O	CN102	1-694-748-11	TERMINAL BOARD (FRONT)	
					< CONNECTOR >				
					O	CN502	1-779-029-71	CONNECTOR, SQUARE TYPE 12P (AV MULTI OUT)	
					O	CN701	1-573-290-21	PIN, CONNECTOR (1.5mm) (SMD) 4P	
					O	CN702	1-778-331-31	CONNECTOR, FFC/FPC 16P	
					< DIODE >				
O	D002	8-719-056-80	DIODE	UDZ-TE-17-5.1B	O	D002	8-719-056-80	DIODE	UDZ-TE-17-5.1B
O	D003	8-719-059-94	LED	SML-010MT-T86 (I/⊕)	O	D003	8-719-059-94	LED	SML-010MT-T86 (I/⊕)
O	D004	8-719-065-78	DIODE	MAZF12000LSO	O	D004	8-719-065-78	DIODE	MAZF12000LSO
O	D101	8-719-066-17	DIODE	FTZ6.8E-T148	O	D101	8-719-066-17	DIODE	FTZ6.8E-T148
O	D103	8-719-067-40	DIODE	STZ6.8N-T146	O	D103	8-719-067-40	DIODE	STZ6.8N-T146
O	D104	8-719-065-68	DIODE	MAZF04700LSO	O	D104	8-719-065-68	DIODE	MAZF04700LSO
O	D503	8-719-067-40	DIODE	STZ6.8N-T146	O	D503	8-719-067-40	DIODE	STZ6.8N-T146
O	D510	8-719-067-40	DIODE	STZ6.8N-T146	O	D510	8-719-067-40	DIODE	STZ6.8N-T146
O	D511	8-719-065-78	DIODE	MAZF12000LSO	O	D511	8-719-065-78	DIODE	MAZF12000LSO

SC	Ref. No.	Part No.	Description	Remark	SC	Ref. No.	Part No.	Description	Remark
O	D601	8-719-060-81	DIODE	MA735-TX (-21/-31/-41/-51/-61)	S	IC601	8-759-391-69	IC	MC78M05CDT
					S	IC602	8-759-598-12	IC	LP2985IM5X-3.5
					S	IC603	8-759-691-04	IC	BA00AST (-11)
					S	IC604	8-759-643-48	IC	BA00ASFP-E2 (-11)
O	ET101	1-694-592-31	ON BOARD CONTACT		S	IC606	8-759-346-78	IC	TL594CD-R2 (-21)
O	ET102	1-694-592-31	ON BOARD CONTACT		< FERRITE BEAD >				
					O	FB001	1-469-176-21	INDUCTOR, FERRITE BEAD	
O	FB003	1-469-324-21	FERRITE, EMI (SMD)		O	FB003	1-469-324-21	FERRITE, EMI (SMD)	
O	FB102	1-469-110-21	FERRITE, EMI (SMD)		O	FB102	1-469-110-21	FERRITE, EMI (SMD)	
O	FB117	1-469-667-21	FERRITE, EMI (SMD)		O	FB117	1-469-667-21	FERRITE, EMI (SMD)	
O	FB118	1-469-667-21	FERRITE, EMI (SMD)		O	FB118	1-469-667-21	FERRITE, EMI (SMD)	
O	FB119	1-469-667-21	FERRITE, EMI (SMD)		O	FB119	1-469-667-21	FERRITE, EMI (SMD)	
O	FB120	1-414-555-21	FERRITE, EMI (SMD)		O	FB120	1-414-555-21	FERRITE, EMI (SMD)	
O	FB121	1-414-555-21	FERRITE, EMI (SMD)		O	FB121	1-414-555-21	FERRITE, EMI (SMD)	
O	FB122	1-414-555-21	FERRITE, EMI (SMD)		O	FB122	1-414-555-21	FERRITE, EMI (SMD)	
O	FB123	1-469-667-21	FERRITE, EMI (SMD)		O	FB123	1-469-667-21	FERRITE, EMI (SMD)	
O	FB124	1-216-864-11	METAL CHIP	0 5% 1/16W	O	FB124	1-216-864-11	METAL CHIP	0 5% 1/16W
O	FB401	1-500-113-22	BEAD, FERRITE (CHIP)		O	FB401	1-500-113-22	BEAD, FERRITE (CHIP)	
O	FB402	1-500-113-22	BEAD, FERRITE (CHIP)		O	FB402	1-500-113-22	BEAD, FERRITE (CHIP)	
O	FB501	1-500-056-22	BEAD, FERRITE (CHIP)		O	FB501	1-500-056-22	BEAD, FERRITE (CHIP)	
O	FB502	1-500-113-22	BEAD, FERRITE (CHIP)		O	FB502	1-500-113-22	BEAD, FERRITE (CHIP)	
O	FB503	1-500-113-22	BEAD, FERRITE (CHIP)		O	FB503	1-500-113-22	BEAD, FERRITE (CHIP)	
O	FB601	1-414-813-11	FERRITE, EMI (SMD)		O	FB601	1-414-813-11	FERRITE, EMI (SMD)	
O	FB602	1-469-324-21	FERRITE, EMI (SMD)		O	FB602	1-469-324-21	FERRITE, EMI (SMD)	
O	FB701	1-469-324-21	FERRITE, EMI (SMD)		O	FB701	1-469-324-21	FERRITE, EMI (SMD)	
O	FB702	1-469-324-21	FERRITE, EMI (SMD)		O	FB702	1-469-324-21	FERRITE, EMI (SMD)	
O	FB703	1-469-324-21	FERRITE, EMI (SMD)		O	FB703	1-469-324-21	FERRITE, EMI (SMD)	
O	FB704	1-469-324-21	FERRITE, EMI (SMD)		O	FB704	1-469-324-21	FERRITE, EMI (SMD)	
O	FB710	1-216-864-11	METAL CHIP	0 5% 1/16W	O	FB710	1-216-864-11	METAL CHIP	0 5% 1/16W
					< IC >				
S	IC002	8-759-197-94	IC	M51957BFP-600D (-11/-21)	S	IC002	8-759-197-94	IC	M51957BFP-600D (-11/-21)
S	IC003	8-759-824-73	IC	S-80913ANMP-DDA-T2 (-31/-41/-51/-61)	S	IC003	8-759-824-73	IC	S-80913ANMP-DDA-T2 (-31/-41/-51/-61)
S	IC102	6-800-362-01	IC	MSM534031E-45GS (100)	S	IC102	6-800-362-01	IC	MSM534031E-45GS (100)
S	IC102	6-800-363-01	IC	MSM534031E-46GS (101/103)	S	IC102	6-800-363-01	IC	MSM534031E-46GS (101/103)
S	IC102	6-800-364-01	IC	MSM534031E-47GS (102)	S	IC102	6-800-364-01	IC	MSM534031E-47GS (102)
S	IC103	8-759-712-26	IC	CXD8606CQ	S	IC103	8-759-712-26	IC	CXD8606CQ
S	IC106	8-759-377-18	IC	TC51V18325BJ-60S(YE)	S	IC106	8-759-377-18	IC	TC51V18325BJ-60S(YE)
S	IC201	8-759-369-81	IC	KM4132G271Q-12 (-11/-21/-31)	S	IC201	8-759-369-81	IC	KM4132G271Q-12 (-11/-21/-31)
S	IC201	8-759-684-14	IC	K4G163222A-PC70 (-41/-51)	S	IC201	8-759-684-14	IC	K4G163222A-PC70 (-41/-51)
S	IC203	8-759-366-69	IC	CXD8561Q (-11/-21/-31/-41/-51)	S	IC203	8-759-366-69	IC	CXD8561Q (-11/-21/-31/-41/-51)
S	IC203	8-759-656-47	IC	CXD9500Q (-61)	S	IC203	8-759-656-47	IC	CXD9500Q (-61)
S	IC204	8-759-196-23	IC	CY2081SL-509T (PAL)	S	IC204	8-759-196-23	IC	CY2081SL-509T (PAL)
S	IC204	8-759-496-22	IC	CY2081SL-500T (NTSC)	S	IC204	8-759-496-22	IC	CY2081SL-500T (NTSC)
S	IC205	8-759-837-19	IC	MM1562FFBE (-61)	S	IC205	8-759-837-19	IC	MM1562FFBE (-61)
S	IC304	8-759-598-55	IC	MC68HC05G6-SC430942PBEB1 (100/103)	S	IC304	8-759-598-55	IC	MC68HC05G6-SC430942PBEB1 (100/103)
S	IC304	8-759-598-56	IC	MC68HC05G6-SC430943PBEB1 (102)	S	IC304	8-759-598-56	IC	MC68HC05G6-SC430943PBEB1 (102)
S	IC304	8-759-598-57	IC	MC68HC05G6-SC430944PBEB1 (101)	S	IC304	8-759-598-57	IC	MC68HC05G6-SC430944PBEB1 (101)
S	IC310	8-759-684-10	IC	M11B416256A-35J(T)	S	IC310	8-759-684-10	IC	M11B416256A-35J(T)
S	IC405	8-759-598-10	IC	NJM2174V(Te2)	S	IC405	8-759-598-10	IC	NJM2174V(Te2)
S	IC502	8-752-086-02	IC	CXA2106R-T4	S	IC502	8-752-086-02	IC	CXA2106R-T4
					< JACK >				
O	J001	1-695-565							

SC	Ref. No.	Part No.	Description	Remark
< RESISTOR >				
O	R001	1-216-864-11	METAL CHIP	0 5% 1/16W (-31/-41/-51)
O	R002	1-216-845-11	METAL CHIP	100K 5% 1/16W (-61)
O	R003	1-216-833-11	RES-CHIP	10K 5% 1/16W (-61)
O	R009	1-216-005-00	METAL CHIP	15 5% 1/10W
O	R010	1-216-031-00	METAL CHIP	180 5% 1/10W
O	R011	1-216-864-11	METAL CHIP	0 5% 1/16W (-31/-41/-51/-61)
O	R011	1-218-839-11	METAL CHIP	470 0.5% 1/16W (-11/-21)
O	R012	1-218-861-11	METAL CHIP	3.9K 0.5% 1/16W
O	R013	1-218-859-11	METAL CHIP	3.3K 0.5% 1/16W
O	R014	1-216-029-00	METAL CHIP	150 5% 1/10W
O	R015	1-216-029-00	METAL CHIP	150 5% 1/10W
O	R104	1-216-801-11	METAL CHIP	22 5% 1/16W
O	R107	1-216-009-91	RES-CHIP	22 5% 1/10W
O	R115	1-216-801-11	METAL CHIP	22 5% 1/16W
O	R132	1-216-821-11	METAL CHIP	1K 5% 1/16W
O	R133	1-216-821-11	METAL CHIP	1K 5% 1/16W
O	R134	1-216-821-11	METAL CHIP	1K 5% 1/16W
O	R135	1-216-821-11	METAL CHIP	1K 5% 1/16W
O	R136	1-216-821-11	METAL CHIP	1K 5% 1/16W
O	R137	1-216-805-11	METAL CHIP	47 5% 1/16W
O	R138	1-216-805-11	METAL CHIP	47 5% 1/16W
O	R150	1-216-805-11	METAL CHIP	47 5% 1/16W
O	R154	1-216-815-11	METAL CHIP	330 5% 1/16W
O	R204	1-216-801-11	METAL CHIP	22 5% 1/16W
O	R205	1-216-813-11	METAL CHIP	220 5% 1/16W
O	R206	1-216-801-11	METAL CHIP	22 5% 1/16W
O	R207	1-216-829-11	METAL CHIP	4.7K 5% 1/16W (-11/-21/-31/-41/-51)
O	R209	1-216-821-11	METAL CHIP	1K 5% 1/16W (-61)
O	R215	1-216-829-11	METAL CHIP	4.7K 5% 1/16W (-11/-21/-31/-41/-51)
O	R338	1-216-830-11	METAL CHIP	5.6K 5% 1/16W
O	R340	1-216-801-11	METAL CHIP	22 5% 1/16W
O	R341	1-216-801-11	METAL CHIP	22 5% 1/16W
O	R342	1-216-801-11	METAL CHIP	22 5% 1/16W
O	R425	1-216-827-11	METAL CHIP	3.3K 5% 1/16W
O	R426	1-216-827-11	METAL CHIP	3.3K 5% 1/16W
O	R429	1-216-809-11	METAL CHIP	100 5% 1/16W
O	R430	1-216-809-11	METAL CHIP	100 5% 1/16W
O	R501	1-216-825-11	METAL CHIP	2.2K 5% 1/16W
O	R527	1-216-839-11	METAL CHIP	33K 5% 1/16W
O	R528	1-216-837-11	METAL CHIP	22K 5% 1/16W
O	R529	1-216-824-11	METAL CHIP	1.8K 5% 1/16W
O	R541	1-216-824-11	METAL CHIP	1.8K 5% 1/16W
O	R542	1-216-833-11	RES-CHIP	10K 5% 1/16W
O	R543	1-218-857-11	METAL CHIP	2.7K 0.5% 1/16W (102)

SC	Ref. No.	Part No.	Description	Remark
O	R543	1-218-859-11	METAL CHIP	3.3K 0.5% 1/16W (100/101/103)
O	R606	1-216-821-11	METAL CHIP	1K 5% 1/16W (-11/-41/-51/-61)
O	R606	1-216-845-11	METAL CHIP	100K 5% 1/16W (-21/-31)
O	R624	1-211-952-91	METAL CHIP	10 0.5% 1/10W (-11)
O	R625	1-211-952-91	METAL CHIP	10 0.5% 1/10W (-11)
O	R626	1-211-952-91	METAL CHIP	10 0.5% 1/10W (-11)
O	R627	1-211-952-91	METAL CHIP	10 0.5% 1/10W (-11)
O	R628	1-216-805-11	METAL CHIP	47 5% 1/16W (-11)
O	R629	1-216-825-11	METAL CHIP	2.2K 5% 1/16W (-11)
O	R630	1-216-819-11	METAL CHIP	680 5% 1/16W (-11)
O	R631	1-208-793-11	METAL CHIP	3K 0.5% 1/10W (-11)
O	R632	1-208-800-11	METAL CHIP	5.6K 0.5% 1/10W (-11)
O	R633	1-208-800-11	METAL CHIP	5.6K 0.5% 1/10W (-11)
O	R634	1-208-793-11	METAL CHIP	3K 0.5% 1/10W (-11)
O	R636	1-216-864-11	METAL CHIP	0 5% 1/16W (-11)
O	R640	1-216-864-11	METAL CHIP	0 5% 1/16W
O	R641	1-216-864-11	METAL CHIP	0 5% 1/16W
O	R642	1-216-295-11	SHORT	0
O	R661	1-216-041-00	METAL CHIP	470 5% 1/10W (-21/-31/-41/-51/-61)
O	R662	1-218-860-11	METAL CHIP	3.6K 0.5% 1/16W (-21/-31/-41/-51/-61)
O	R663	1-218-687-11	METAL CHIP	620 0.5% 1/16W (-21/-31/-41/-51/-61)
O	R664	1-216-864-11	METAL CHIP	0 5% 1/16W (-21/-31/-41/-51/-61)
O	R665	1-220-760-11	RES-CHIP	0.2 5% 1/2W (-21/-31/-41/-51/-61)
O	R666	1-216-864-11	METAL CHIP	0 5% 1/16W (-21/-31/-41/-51/-61)
O	R667	1-216-827-11	METAL CHIP	3.3K 5% 1/16W (-21/-31/-41/-51/-61)
O	R668	1-216-813-11	METAL CHIP	220 5% 1/16W (-21/-31/-41/-51/-61)
O	R681	1-216-041-00	METAL CHIP	470 5% 1/10W (-21/-31/-41/-51/-61)
O	R691	1-218-874-11	METAL CHIP	13K 0.5% 1/16W (-21/-31/-41/-51/-61)
O	R692	1-218-851-11	METAL CHIP	1.5K 0.5% 1/16W (-21/-31/-41/-51/-61)
O	R693	1-216-853-11	METAL CHIP	470K 5% 1/16W (-21/-31/-41/-51/-61)

SC	Ref. No.	Part No.	Description	Remark
O	R694	1-216-841-11	METAL CHIP	47K 5% 1/16W (-21/-31/-41/-51/-61)
O	R695	1-216-845-11	METAL CHIP	100K 5% 1/16W (-21/-31/-41/-51/-61)
O	R696	1-216-830-11	METAL CHIP	5.6K 5% 1/16W (-21/-31/-41/-51/-61)
O	R701	1-216-829-11	METAL CHIP	4.7K 5% 1/16W
O	R702	1-216-835-11	METAL CHIP	15K 5% 1/16W
O	R703	1-216-844-11	METAL CHIP	82K 5% 1/16W
O	R704	1-216-833-11	RES-CHIP	10K 5% 1/16W
O	R705	1-216-845-11	METAL CHIP	100K 5% 1/16W
O	R706	1-216-853-11	METAL CHIP	470K 5% 1/16W
O	R710	1-216-833-11	RES-CHIP	10K 5% 1/16W
O	R712	1-216-827-11	METAL CHIP	3.3K 5% 1/16W
O	R714	1-216-827-11	METAL CHIP	3.3K 5% 1/16W
O	R717	1-216-809-11	METAL CHIP	100 5% 1/16W
O	R723	1-216-839-11	METAL CHIP	33K 5% 1/16W
O	R725	1-216-829-11	METAL CHIP	4.7K 5% 1/16W
O	R727	1-216-835-11	METAL CHIP	15K 5% 1/16W
O	R732	1-216-835-11	METAL CHIP	15K 5% 1/16W
O	R733	1-216-845-11	METAL CHIP	100K 5% 1/16W
O	R734	1-216-825-11	METAL CHIP	2.2K 5% 1/16W
O	R738	1-218-707-11	RES-CHIP	4.3K 5% 1/16W
O	R739	1-216-823-11	METAL CHIP	1.5K 5% 1/16W
O	R740	1-216-821-11	METAL CHIP	1K 5% 1/16W
O	R741	1-216-834-11	METAL CHIP	12K 5% 1/16W
O	R745	1-218-884-11	METAL CHIP	36K 0.5% 1/16W
O	R746	1-218-884-11	METAL CHIP	36K 0.5% 1/16W
O	R747	1-216-009-91	RES-CHIP	22 5% 1/10W
O	R748	1-218-883-11	METAL CHIP	33K 0.5% 1/16W
O	R749	1-218-883-11	METAL CHIP	33K 0.5% 1/16W
O	R750	1-216-009-91	RES-CHIP	22 5% 1/10W
O	R769	1-218-286-11	RES-CHIP	91 5% 1/16W
O	R770	1-216-845-11	METAL CHIP	100K 5% 1/16W
O	R774	1-216-864-11	METAL CHIP	0 5% 1/16W
O	R775	1-216-841-11	METAL CHIP	47K 5% 1/16W
O	R783	1-216-829-11	METAL CHIP	4.7K 5% 1/16W
O	R793	1-216-845-11	METAL CHIP	100K 5% 1/16W
O	R795	1-216-833-11	RES-CHIP	10K 5% 1/16W
O	R901	1-216-295-11	SHORT	0 (101)
O	R902	1-216-295-11	SHORT	0 (102)
O	R903	1-216-295-11	SHORT	0 (103)
< RESISTOR BLOCK >				
O	RB120	1-234-030-11	RES, NETWORK (CHIP TYPE) 22X4	
O	RB121	1-234-030-11	RES, NETWORK (CHIP TYPE) 22X4	
O	RB122	1-234-030-11	RES, NETWORK (CHIP TYPE) 22X4	
O	RB123	1-233-955-11	RES, NETWORK (CHIP TYPE) 100X4	
O	RB124	1-233-967-11	RES, NETWORK (CHIP TYPE) 10KX4	
O	RB125	1-234-030-11	RES, NETWORK (CHIP TYPE) 22X4	
O	RB126	1-233-959-21	RES, NETWORK (CHIP TYPE) 470X4	
O	RB201	1-234-030-11	RES, NETWORK (CHIP TYPE) 22X4	(-11/-21/-31/-41/-51)

SC	Ref. No.	Part No.	Description	Remark
O	RB202	1-234-030-11	RES, NETWORK (CHIP TYPE) 22X4	(-11/-21/-31/-41/-51)
O	RB203	1-234-467-21	RES, NETWORK (CHIP TYPE) 82X4 (-41/-51)	
O	RB204	1-234-467-21	RES, NETWORK (CHIP TYPE) 82X4 (-41/-51)	
O	RB205	1-234-467-21	RES, NETWORK (CHIP TYPE) 82X4 (-41/-51)	
O	RB206	1-234-467-21	RES, NETWORK (CHIP TYPE) 82X4 (-41/-51)	
O	RB207	1-234-467-21	RES, NETWORK (CHIP TYPE) 82X4 (-41/-51)	
O	RB208	1-234-467-21	RES, NETWORK (CHIP TYPE) 82X4 (-41/-51)	
O	RB209	1-234-467-21	RES, NETWORK (CHIP TYPE) 82X4 (-41/-51)	
O	RB210	1-234-467-21	RES, NETWORK (CHIP TYPE) 82X4 (-41/-51)	
O	RB501	1-234-482-21	RES, NETWORK (CHIP TYPE) 75X4	
O	RB502	1-234-482-21	RES, NETWORK (CHIP TYPE) 75X4	
< SWITCH >				
O	S001	1-762-745-22	SWITCH, PUSH (I/⏻/RESET)	
O	S301	1-771-764-11	SWITCH, PUSH (1 KEY) (CD DOOR OPEN/CLOSE DET)	
< VIBRATOR >				
S	X201	1-767-783-21	VIBRATOR, CRYSTAL (14.318182MHz) (NTSC)	
S	X201	1-767-940-22	VIBRATOR, CRYSTAL (17.73447MHz) (PAL)	

<p>The components identified by mark Δ or dotted line with mark. Δ are critical for safety. Replace only with part number specified.</p>	<p>Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.</p>
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SC	Ref. No.	Part No.	Description	Remark
			ACCESSORIES & PACKING MATERIALS *****	
			<SCPH-100>	
O△	AC	1-476-267-14	ADAPTOR, AC (SCPH-112)	
O	AV	1-792-028-11	CORD, CONNECTION (A/V CABLE)	
O	CONT	1-757-144-11	CORD, CONNECTION (ANALOG CONTROLLER)	
O	MANUAL	3-062-940-02	MANUAL, INSTRUCTION (JAPANESE)	
			<SCPH-101>	
O△	AC	1-476-409-11	ADAPTOR, AC (SCPH-113)	
O	AV	1-792-028-11	CORD, CONNECTION (A/V CABLE)	
O	CONT	1-757-144-22	CORD, CONNECTION (ANALOG CONTROLLER)	
O	MANUAL	3-062-611-12	MANUAL, INSTRUCTION (ENGLISH,FRENCH, SPANISH)	
			<SCPH-102>	
O△	AC	1-476-410-12	ADAPTOR, AC (SCPH-114) (102C)	
O△	AC	1-476-411-11	ADAPTOR, AC (SCPH-115) (102B)	
O△	AC	1-476-412-11	ADAPTOR, AC (SCPH-116) (102A)	
O	AV	1-792-028-11	CORD, CONNECTION (A/V CABLE)	
O	CONT	1-757-144-22	CORD, CONNECTION (ANALOG CONTROLLER)	
O△	CONV	1-573-291-11	CONNECTOR, CONVERSION (102C)	
O	MANUAL	3-062-611-21	MANUAL, INSTRUCTION (ENGLISH) (102A)	
O	MANUAL	3-062-611-32	MANUAL, INSTRUCTION (ENGLISH) (102B)	
O	MANUAL	3-062-611-41	MANUAL, INSTRUCTION (FRENCH,SPANISH, GERMAN,ITALIAN,DUTCH,PORTUGUESE) (102C)	
O	MANUAL	3-066-615-11	MANUAL, INSTRUCTION (ENGLISH) (102A)	
O	MANUAL	3-066-615-21	MANUAL, INSTRUCTION (ENGLISH) (102B)	
O	MANUAL	3-066-615-31	MANUAL, INSTRUCTION (FRENCH,SPANISH, GERMAN,ITALIAN,DUTCH,PORTUGUESE) (102C)	
O	RF	1-476-040-31	ADAPTOR, RF (102B)	
			<SCPH-103>	
O△	AC	1-476-410-13	ADAPTOR, AC (SCPH-114)	
O△	AC	1-476-411-11	ADAPTOR, AC (SCPH-115)	
O△	AC	1-476-587-11	ADAPTOR, AC (SCPH-117)	
O	AV	1-792-028-11	CORD, CONNECTION (A/V CABLE)	
O	CONT	1-757-144-11	CORD, CONNECTION (ANALOG CONTROLLER)	
O	MANUAL	3-062-611-51	MANUAL, INSTRUCTION (ENGLISH, TRADITIONAL CHINESE)	
O	MANUAL	3-066-615-41	MANUAL, INSTRUCTION (ENGLISH, TRADITIONAL CHINESE)	

<p>The components identified by mark △ or dotted line with mark. △ are critical for safety. Replace only with part number specified.</p>	<p>Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.</p>
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