

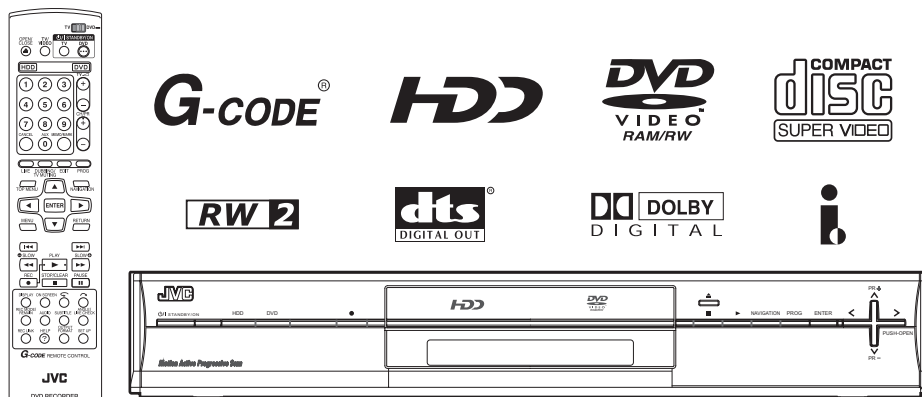
JVC

SERVICE MANUAL

HDD & DVD VIDEO RECORDER

DR-MH300SAA

Area Suffix
AA ----- Australia



DR-MH300SAA [D5HR10]

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

This service manual is a service manual of a model in which destination added to the issued service manual DR-MH300BE/EK, DR-MH300SE/EF/EK/ER, DR-ED400SE (issue number: YD089 2005/12). This service manual consists of only "Parts List", "Schematic diagrams" and "Instruction Book". Regarding service information other than these sections, refer to the service manual DR-MH300BE/EK, DR-MH300SE/EF/EK/ER, DR-ED400SE (issue number: YD089 2005/12).

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SPECIFICATION

DR-MH300SAA	
GENERAL	
Power requirement	AC 110 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	4.5 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
Digital audio output	Coaxial Corresponding to Dolby Digital and DTS Digital Surround, Bit stream Selectable in digital audio output setting menu
TUNER/TIMER	
Tuning system	Frequency synthesised tuner
Signal system	PAL/SECAM colour signal, 625 lines/50 fields
TV channel storage capacity	99 positions (+AUX position)
Channel coverage	VHF : 44 MHz - 89 MHz/ 104 MHz - 300 MHz/ 302 MHz - 470 MHz UHF : 470MHz - 862MHz
Memory backup time	Approx. 10 minutes.

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

- Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.
- "DTS" and "DTS DIGITAL OUT" are trademarks of Digital Theater Systems, Inc.
- This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision. Reverse engineering or disassembly is prohibited.
- G-CODE is a registered trademark of Gemstar Development Corporation. The G-CODE system is manufactured under license from Gemstar Development Corporation.
- i-LINK is a trademark of Sony Corp .

SECTION 1

PRECAUTION

1.1 Safety Precautions

- (1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (Δ) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.
- (4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

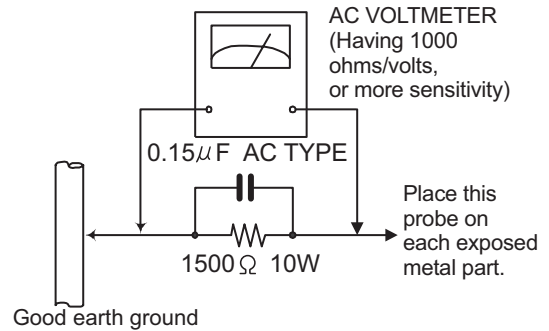
(5) Leakage shock hazard testing

After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock. Do not use a line isolation transformer during this check.

- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
- Alternate check method
Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000 Ω per volt or more sensitivity in the following manner. Connect a 1,500 Ω 10W resistor paralleled by a 0.15 μ F AC-type capacitor between an exposed metal part and a known good earth ground. Measure the AC voltage across the resistor with the AC

voltmeter.

Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



1.2 Warning

- (1) This equipment has been designed and manufactured to meet international safety standards.
- (2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
- (3) Repairs must be made in accordance with the relevant safety standards.
- (4) It is essential that safety critical components are replaced by approved parts.
- (5) If mains voltage selector is provided, check setting for local voltage.

1.3 Caution

Burrs formed during molding may be left over on some parts of the chassis.

Therefore, pay attention to such burrs in the case of pre-forming repair of this system.

1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (\blacksquare), diode (\blacksquare) and ICP (\bullet) or identified by the " Δ " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.

(This regulation dose not Except the J and C version)

1.5 Important for laser products

1.CLASS 1 LASER PRODUCT

2.DANGER : Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.

3.CAUTION : There are no serviceable parts inside the Laser Unit. Do not disassemble the Laser Unit. Replace the complete Laser Unit if it malfunctions.

4.CAUTION : The CD,MD and DVD player uses invisible laser radiation and is equipped with safety switches which prevent emission of radiation when the drawer is open and the safety interlocks have failed or are defeated. It is dangerous to defeat the safety switches.

5.CAUTION : If safety switches malfunction, the laser is able to function.

6.CAUTION : Use of controls, adjustments or performance of procedures other than those specified here in may result in hazardous radiation exposure.



CAUTION Please use enough caution not to see the beam directly or touch it in case of an adjustment or operation check.

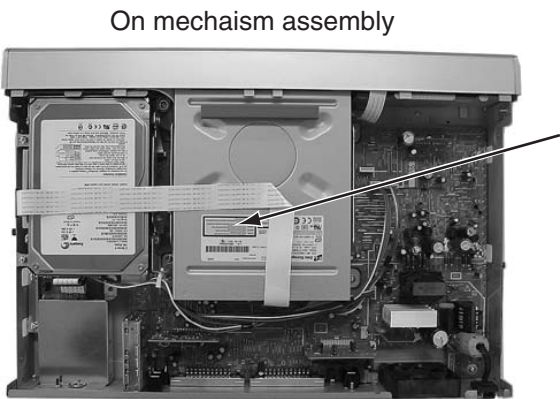
CAUTION : Visible and invisible laser radiation when open and interlock failed or defeated.
AVOID DIRECT EXPOSURE TO BEAM.

ADVARSEL : Synlig og usynlig laserstråling når maskinen er åben eller interlocken fejler. Undgå direkte eksponering til stråling.

VARNING : Synlig och osynlig laserstråling när den öppnas och spärren är urkopplad. Betrakta ej strålen.

VARO : Avattaessa ja suojalukitus ohitettuna tai viallisena olet alttiina näkyvälle ja näkymättömälle lasersäteilylle. Vältä säteen kohdistumista suoraan itseesi.

REPRODUCTION AND POSITION OF LABEL



The photograph might be different from the actual thing.

CAUTION CLASS 3B VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO THE BEAM.
ADVARSEL KLASSE 3B SYNLIG OG USYNLIG LASERSTRÅLING VED ÅBNING. UNGÅ UDSÆTTELSE FOR STRÅLING.
ADVARSEL KLASSE 3B SYNLIG OG USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPENS. UNGÅ EKSPONERING FOR STRÅLEN.
VARNING KLASSE 3B SYNLIG OCH OSYNLIG LASERSTRÅLING NÅR DENNA DEL ÄR ÖPPNAD. STRÅLEN ÄR FARLIG.
VARO! KURSSI 3B NÄKYVÄ JA NÄKYMÄTÖN AVATTAESSA OLET ALTTIINA LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESÄN.

OR

CAUTION VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.	ATTENTION RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS FIXER LE FAISCEAU NI REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES	ADVARSEL SYNLIG OG/ELLER USYNLIG KLASSE 1M-LASERSTRÅLING VED ÅBNING. SE IKKE IND I STRÅLEN - HELLER IKKE MED OPTISKE INSTRUMENTER.	ADVARSEL SYNLIG OG/ELLER USYNLIG LASERSTRÅLING I KLASSE 1 M NÅR DEKSEL ÅPENS. IKKE STIRR INN I STRÅLEN ELLER SE DIREKTE MED OPTISKE INSTRUMENTER.	VARO! AVATTAESSA OLET ALTTIINA NÄKYVÄLLE JA/TAI NÄKYMÄTTÖMÄLLE LUOKAN 1M LASERSÄTEILYLLE. ÄLÄ KATSO SUORAAN SÄTEESÄEN TAI TARKASTELE SITA OPTISEN LAITTEEN LAPI.	VARNING SYNLIG OCH/ELLER OSYNLIG LASERSTRÅLING. KLASSE 1M, NÅR DENNA DEL ÄR ÖPPNAD. STIRRA EJ IN I STRÅLEN OCH BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT. UP41295-001A
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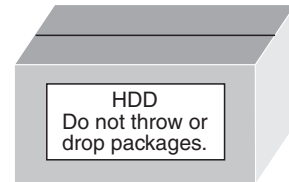
1.6 Hard Disk Drive (HDD) Handling Precautions

The HDD is a precision device for use in reading and writing a large amount of data on or from a disk rotating at a high speed. If it is not handled carefully, either abnormal operation may result or it may not be possible to read data. The HDD is sensitive to the following items and special care is required in safeguarding against them when handling an HDD. Also take care in handling a set incorporating an HDD.

- (1) Vibrations and impacts
- (2) Static electricity
- (3) Rough handling

1.6.1 Handling in transport, etc.

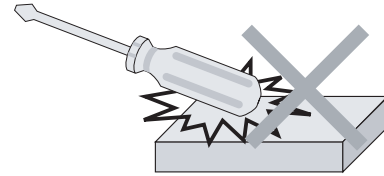
- Be sure to place the HDD in the manufacturer's specified package carton before transport.
- When receiving a package containing an HDD, check that the package carton is not damaged (such as having holes in the carton, crushed corners, etc.).
- Do not impact the packaging carton when loading or unloading it.
- It is not permitted to use the inner package carton only for transporting an HDD.
- Do not stack package cartons one upon another.



Be sure to package and transport the HDDs correctly.

1.6.2 Handling an HDD in the stand-alone status

- When handling an HDD on a hard workbench, place an anti-static mat (rubber sheet) or similar object on the hard surface (to prevent any impacts occurring between the HDD and bench).
- Do not stack the HDDs one upon another.
- Do not knock an HDD with a hard object (such as a screwdriver).
- Do not place an HDD on its side panel without using a support (do not place an HDD in an unstable position).



1.6.3 Handling the installation of an HDD

- Place antistatic mats or similar sheets on all of the surfaces on which work is conducted or when the HDD is transported.
- Do not permit the HDD to knock against the set's brackets.
- When screwing the brackets, be careful not to knock the HDD. When using a power screwdriver, use a low-shock model and arrange the tightening torque properly.
- When mounting an HDD in a main body, take care not to apply excessive force to the brackets.

SECTION 2 SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3 DISASSEMBLY

Please refer to "DR-MH300BE, DR-MH300BEK, DR-MH300SE, DR-MH300SEF, DR-MH300SEK, DR-MH300SER, DR-ED400SE (issue number : YD089 2005/12)" about this section.

SECTION 4 ADJUSTMENT

Please refer to "DR-MH300BE, DR-MH300BEK, DR-MH300SE, DR-MH300SEF, DR-MH300SEK, DR-MH300SER, DR-ED400SE (issue number : YD089 2005/12)" about this section.

SECTION 5 TROUBLESHOOTING

Please refer to "DR-MH300BE, DR-MH300BEK, DR-MH300SE, DR-MH300SEF, DR-MH300SEK, DR-MH300SER, DR-ED400SE (issue number : YD089 2005/12)" about this section.



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(No.YD090)



Printed in Japan
VPT

JVC

SCHEMATIC DIAGRAMS

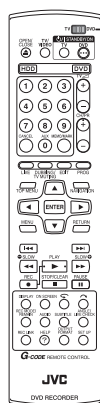
HDD & DVD VIDEO RECORDER

DR-MH300SAA

CD-ROM No.SML200601

Area Suffix

AA ----- Australia



G-CODE

HDD

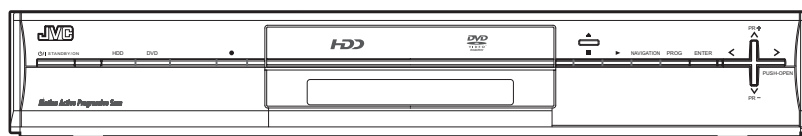
DVD
VIDEO
RAM/RW

COMPACT
disc
SUPER VIDEO

RW 2

dt
DIGITAL OUT

DOLBY
DIGITAL



DR-MH300SAA [D5HR10]


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

This service manual is a service manual of a model in which destination added to the issued service manual DR-MH300BE/EK, DR-MH300SE/EF/EK/ER, DR-ED400SE (issue number: YD089 2005/12). This service manual consists of only "Parts List", "Schematic diagrams" and "Instruction Book".

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CHARTS AND DIAGRAMS

NOTES OF SCHEMATIC DIAGRAM

Safety precautions
The Components identified by the symbol  are critical for safety. For continued safety, replace safety critical components only with manufacturer's recommended parts.

1. Units of components on the schematic diagram

Unless otherwise specified.

- 1) All resistance values are in ohm. 1/6 W, 1/8 W (refer to parts list).
Chip resistors are 1/16 W.
K: K Ω (1000 Ω), M: M Ω (1000K Ω)
- 2) All capacitance values are in μ F, (P: PF).
- 3) All inductance values are in μ H, (m: mH).
- 4) All diodes are 1SS133, MA165 or 1N4148M (refer to parts list).

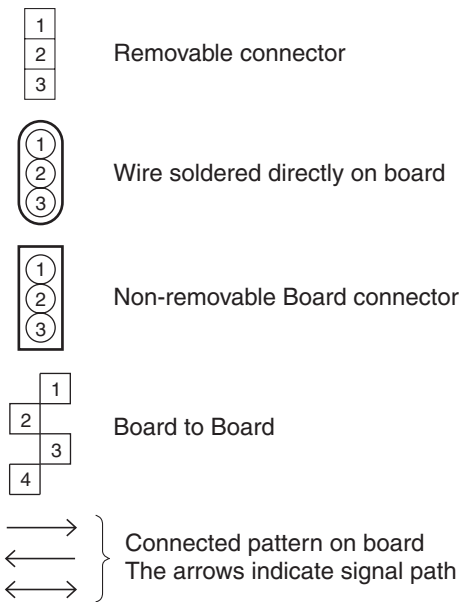
Note: The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.

2. Indications of control voltage

AUX : Active at high.

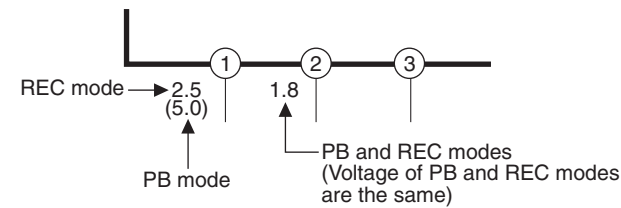
$\overline{\text{AUX}}$ or AUX(L) : Active at low.

3. Interpreting Connector indications



4. Voltage measurement

- 1) Regulator (DC/DC CONV) circuits
REC : Colour bar signal.
PB : Alignment tape (Colour bar).
— : Unmeasurable or unnecessary to measure.
- 2) Indication on schematic diagram
Voltage indications for REC and PB mode on the schematic diagram are as shown below.



Note: If the voltages are not indicated on the schematic diagram, refer to the voltage charts.

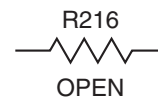
6. Indication of the parts for adjustments

The parts for the adjustments are surrounded with the circle as shown below.



7. Indication of the parts not mounted on the circuit board

“OPEN” is indicated by the parts not mounted on the circuit board.



CIRCUIT BOARD NOTES

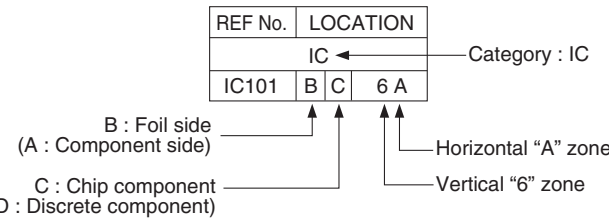
1. Foil and Component sides

- 1) Foil side (B side) :
Parts on the foil side seen from foil face (pattern face) are indicated.
- 2) Component side (A side) :
Parts on the component side seen from component face (parts face) indicated.

Parts location are indicated by guide scale on the circuit board.

2. Parts location guides

Parts location are indicated by guide scale on the circuit board.



5

4

3

2

1



A

2-3 D

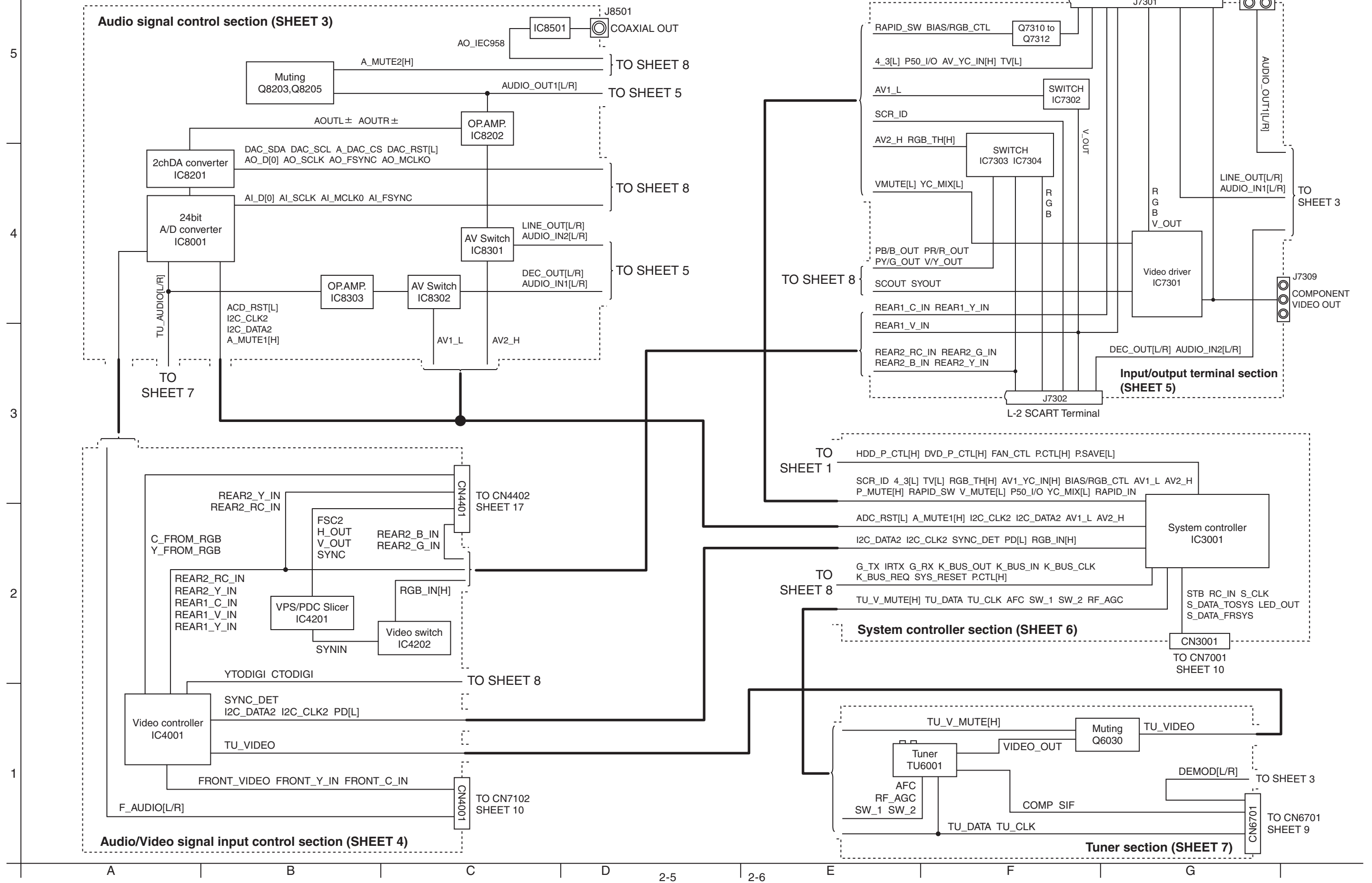
2-4

E

F

G

■ MAIN 03



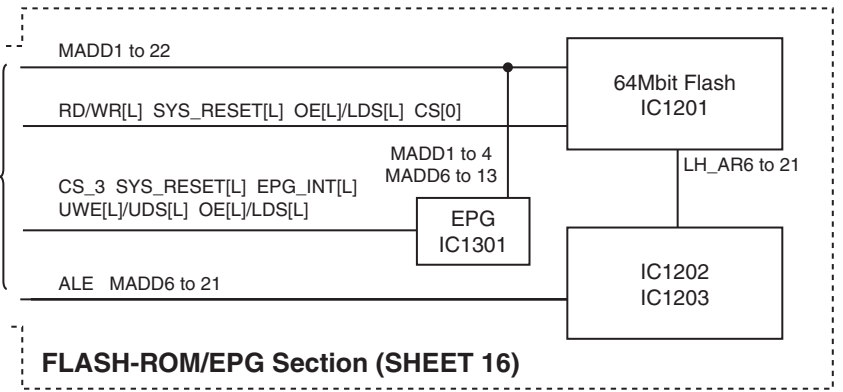
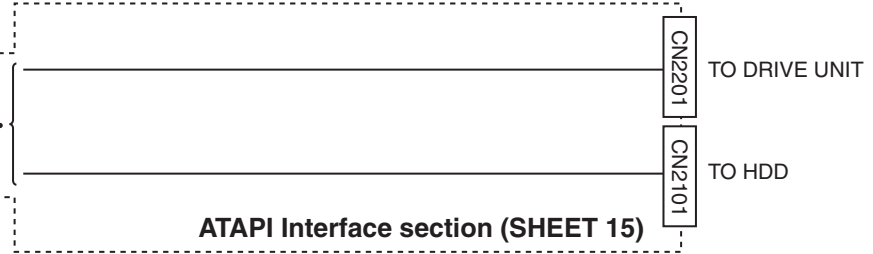
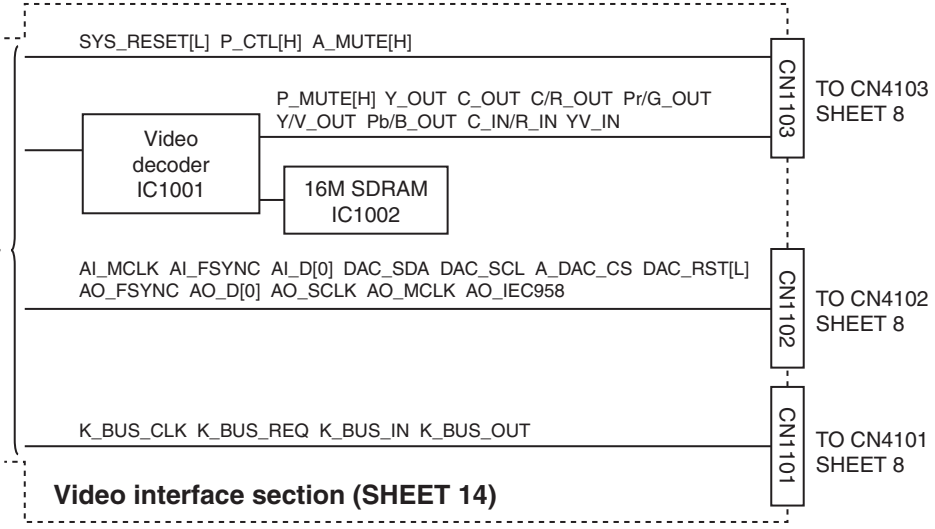
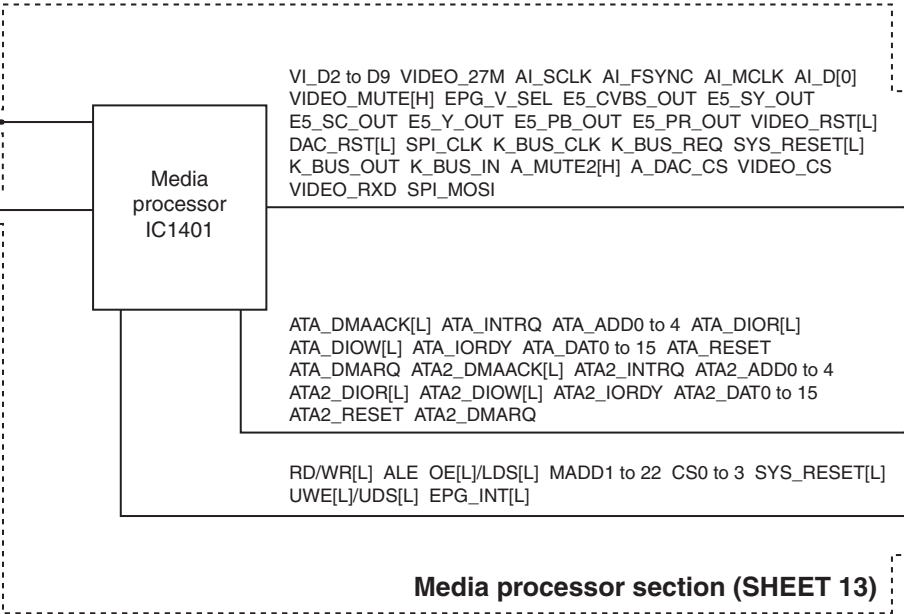
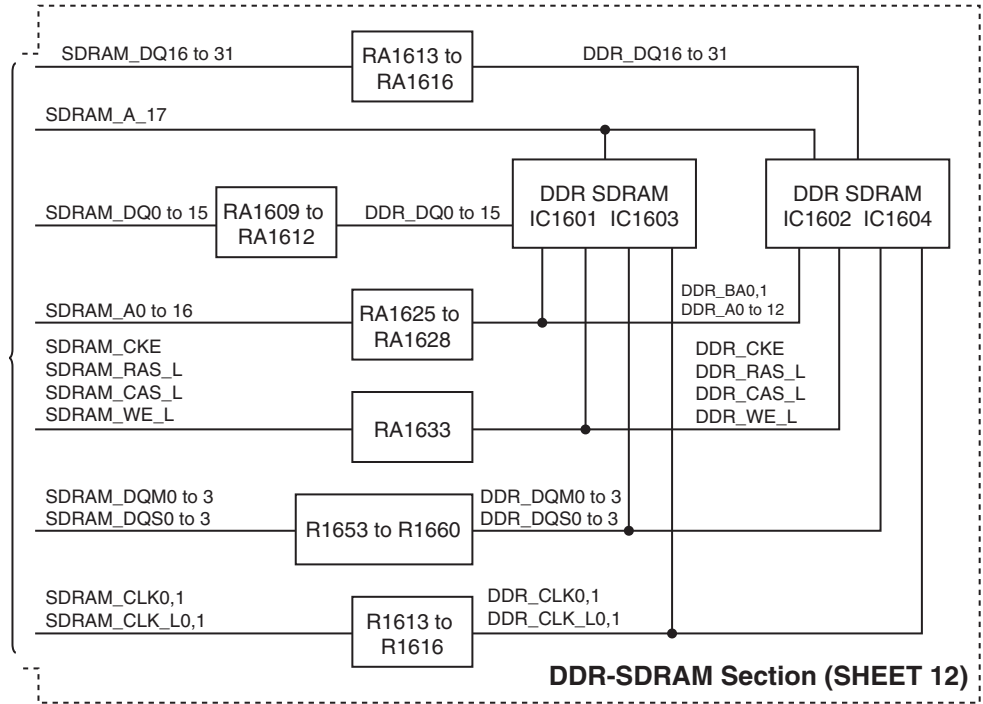
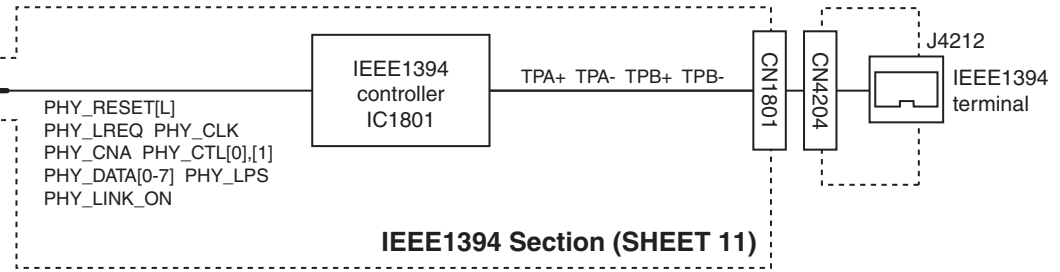
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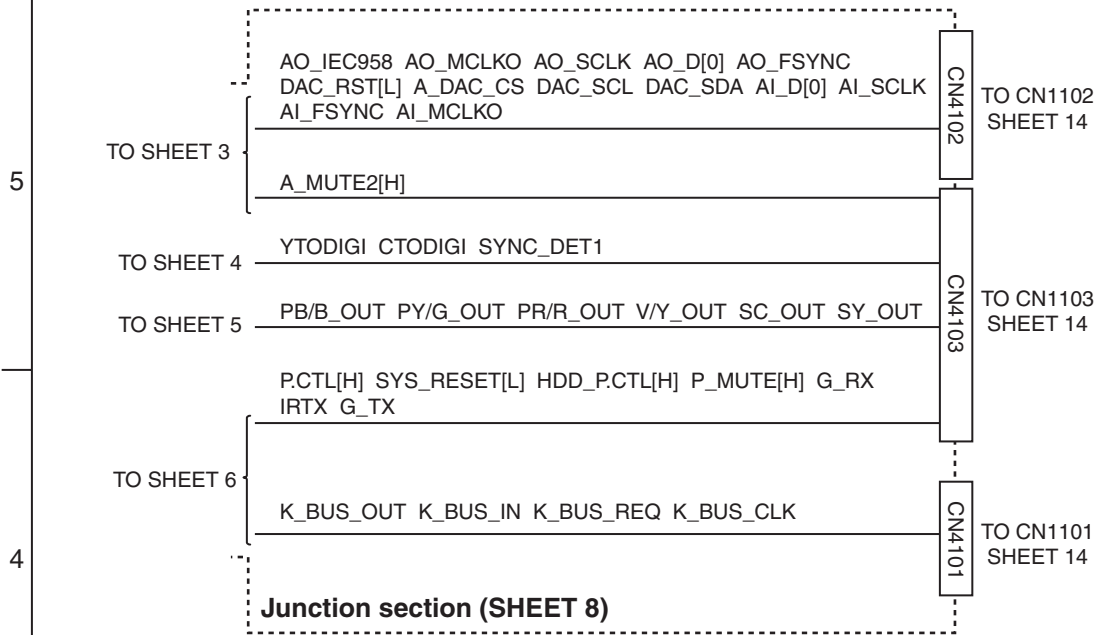
2-7 D 2-8

E

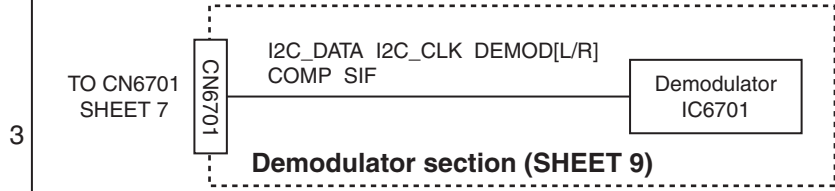
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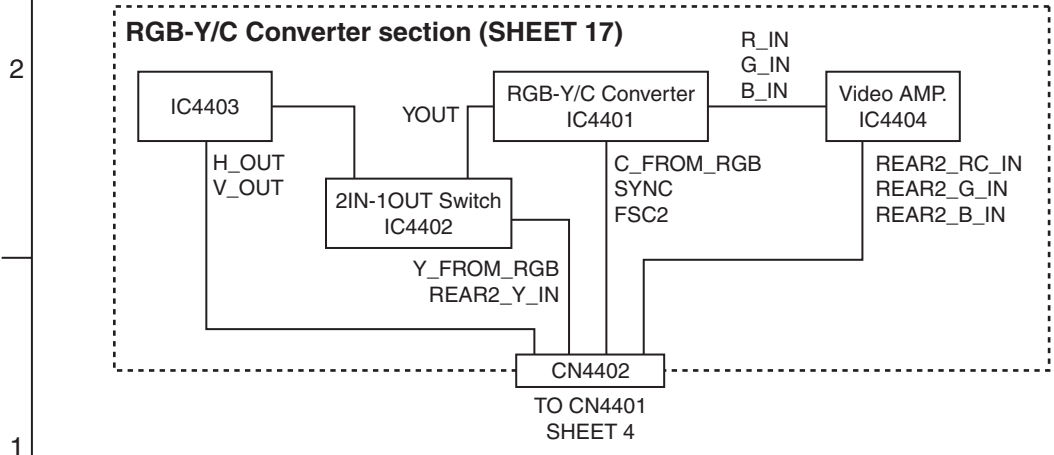
■ MAIN 03



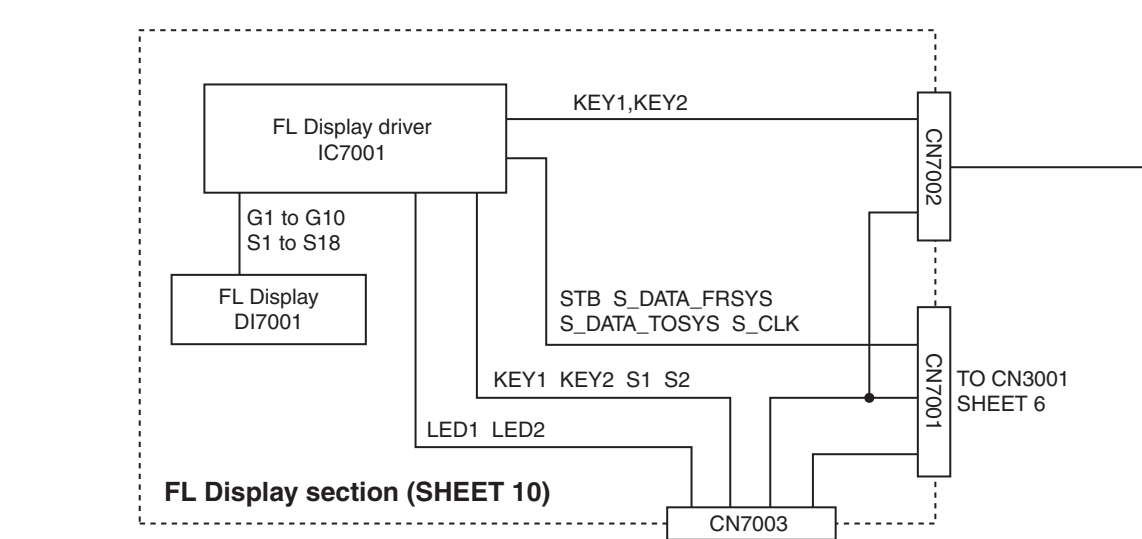
■ DEMOD 14



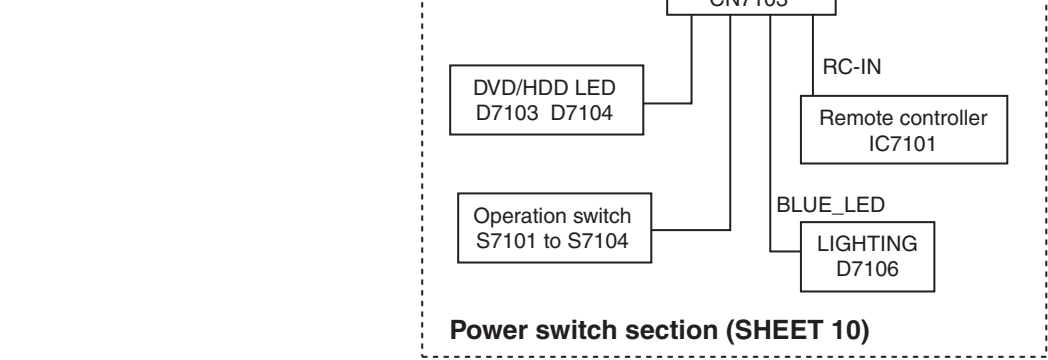
■ RGB_YC 68



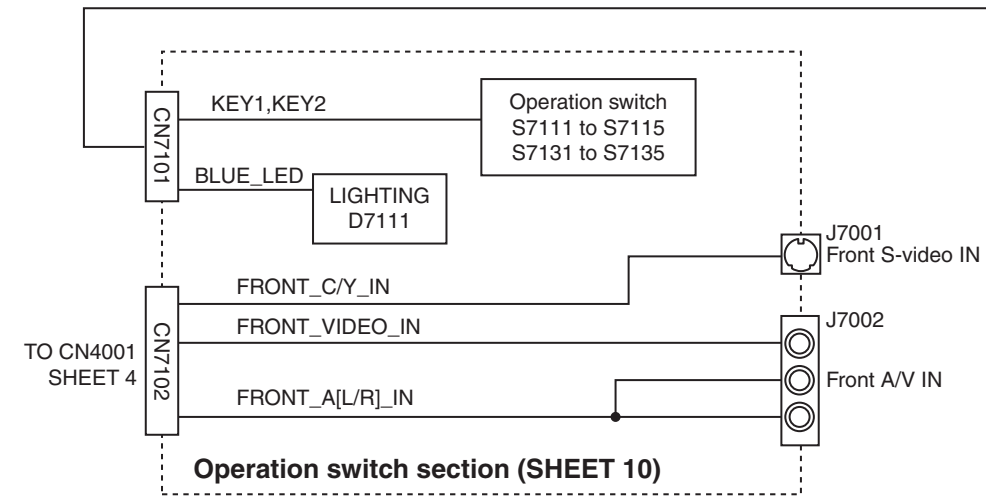
■ DISPLAY 28



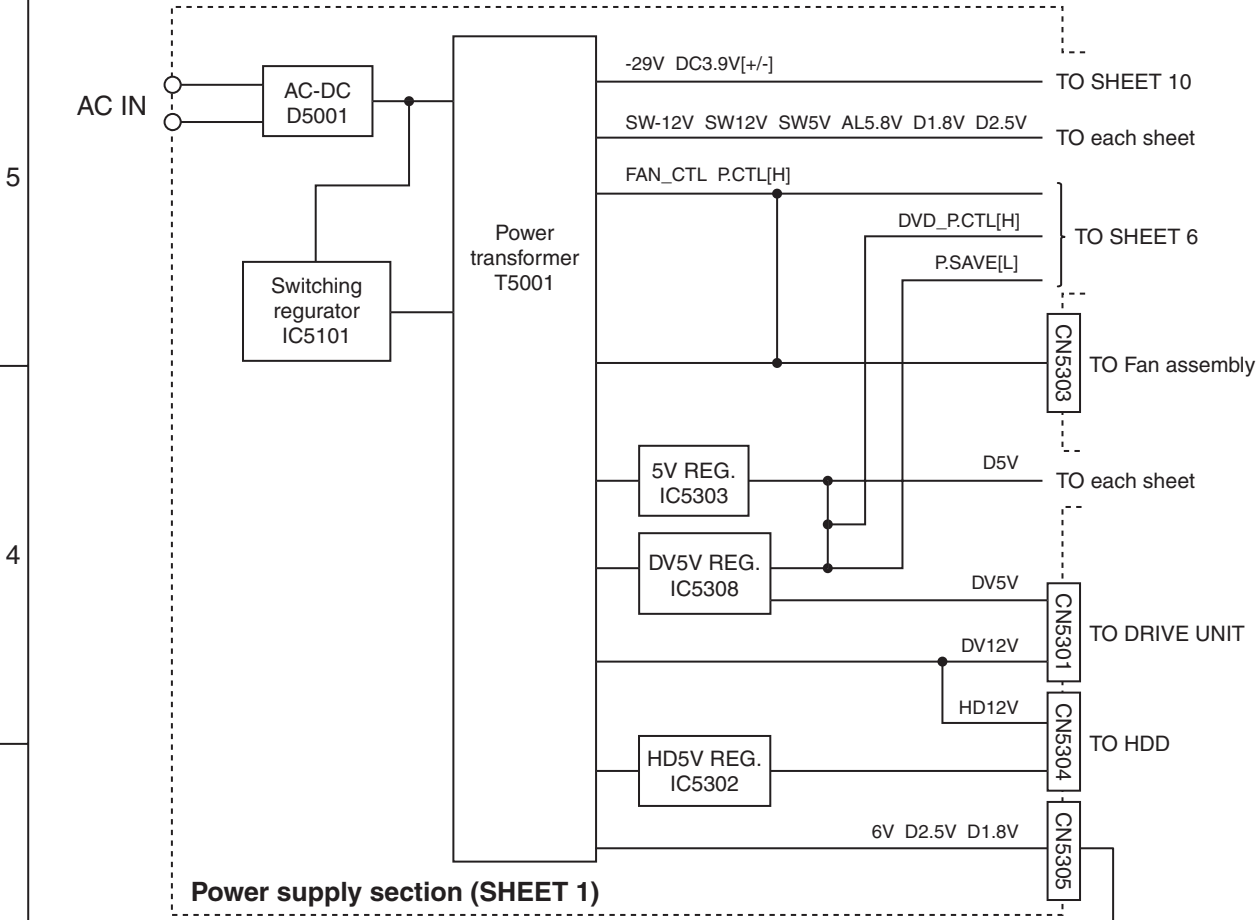
■ OPERATION 26



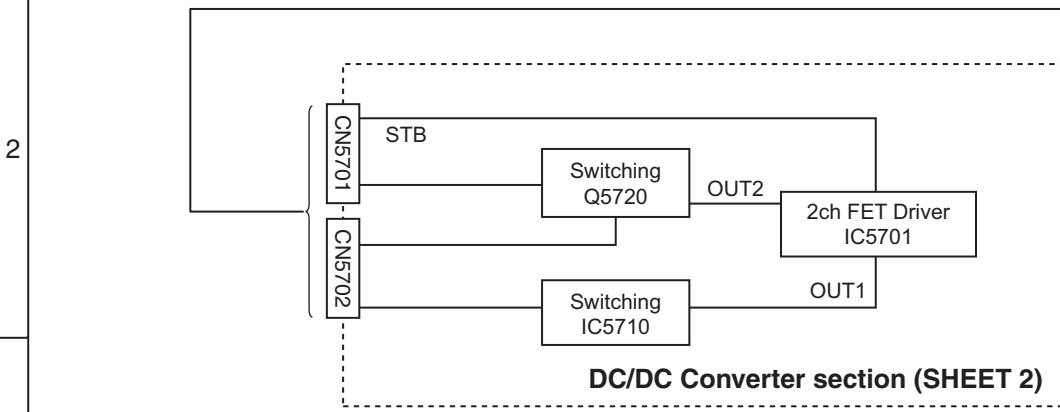
■ SW/JACK 27



■ MAIN 0 3

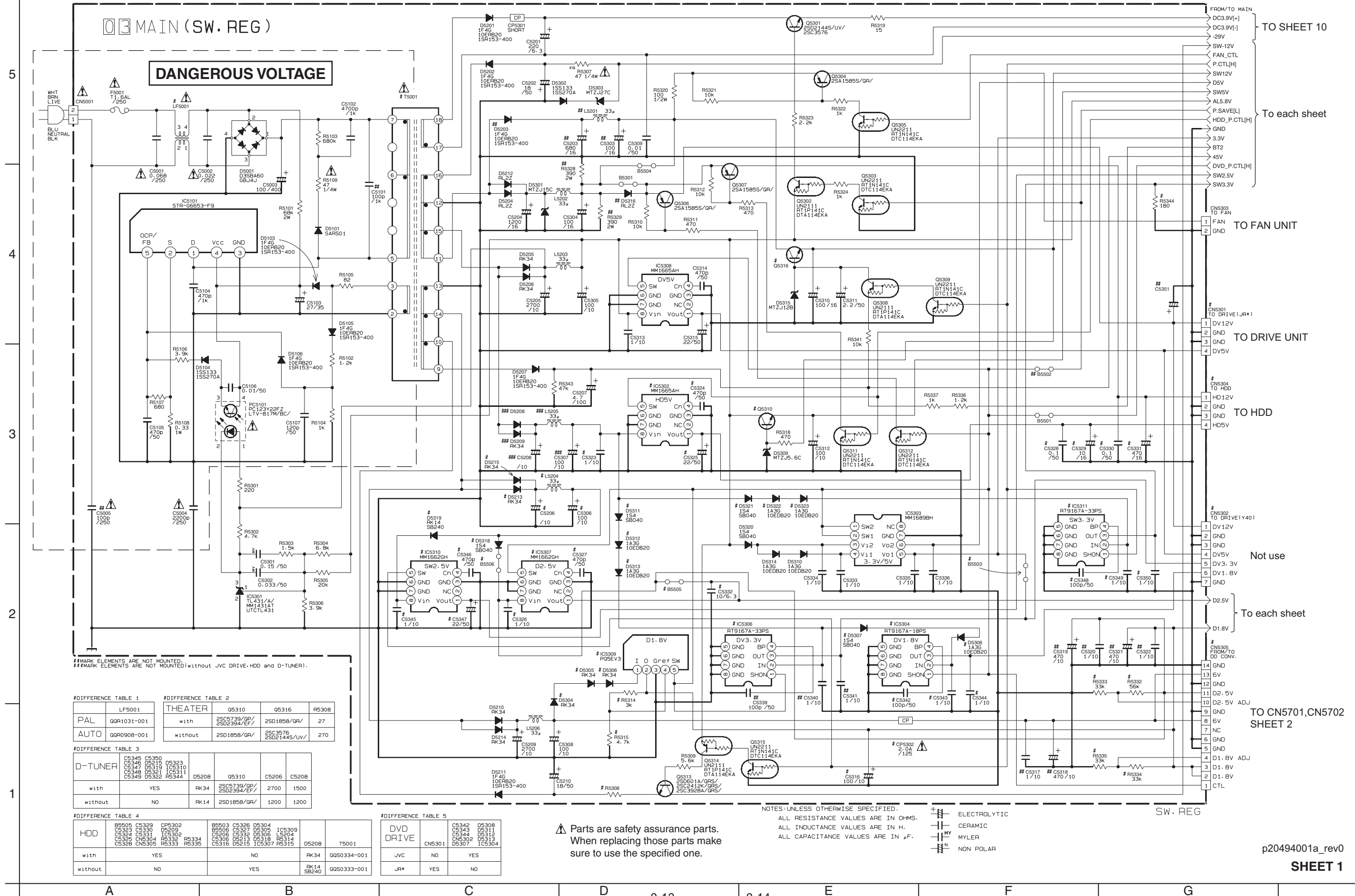


■ DC/DC CONV 0 2



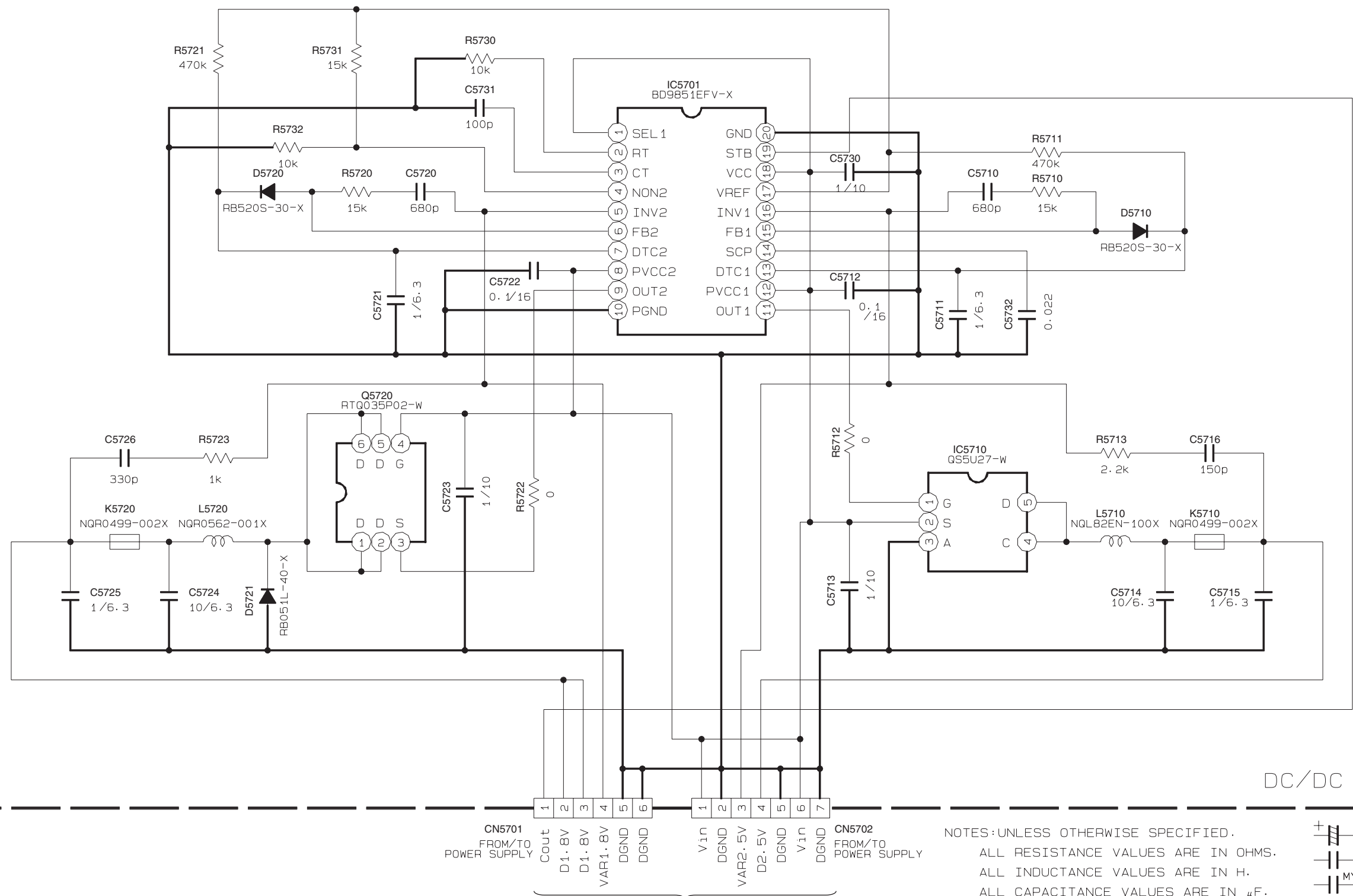
Standard schematic diagrams

Power supply section



DC/DC Converter section

02 DC/DC CONV



DC/DC CONV

CN5701
FROM/TO
POWER SUPPLY

1 Cout
2 D1.8V
3 D1.8V
4 VAR1.8V
5 DGND
6 DGND

TO CN5305 SHEET 1

1 Vin
2 DGND
3 VAR2.5V
4 D2.5V
5 DGND
6 Vin
7 DGND

CN5702
FROM/TO
POWER SUPPLY

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

- ELECTROLYTIC
- CERAMIC
- MYLER
- NON POLAR

TO SHEET 6



■ Audio/Video signal input control section

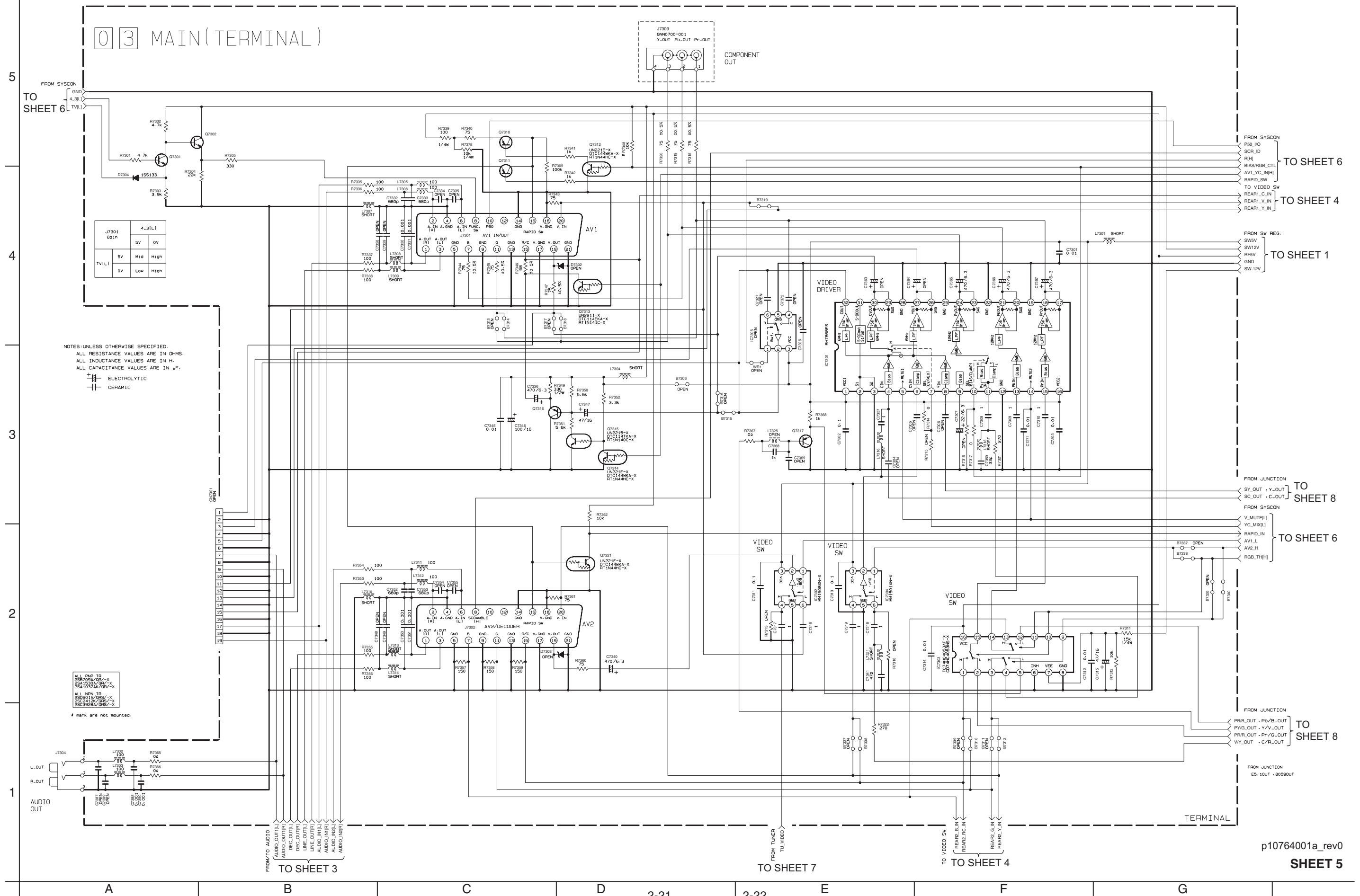
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3
2
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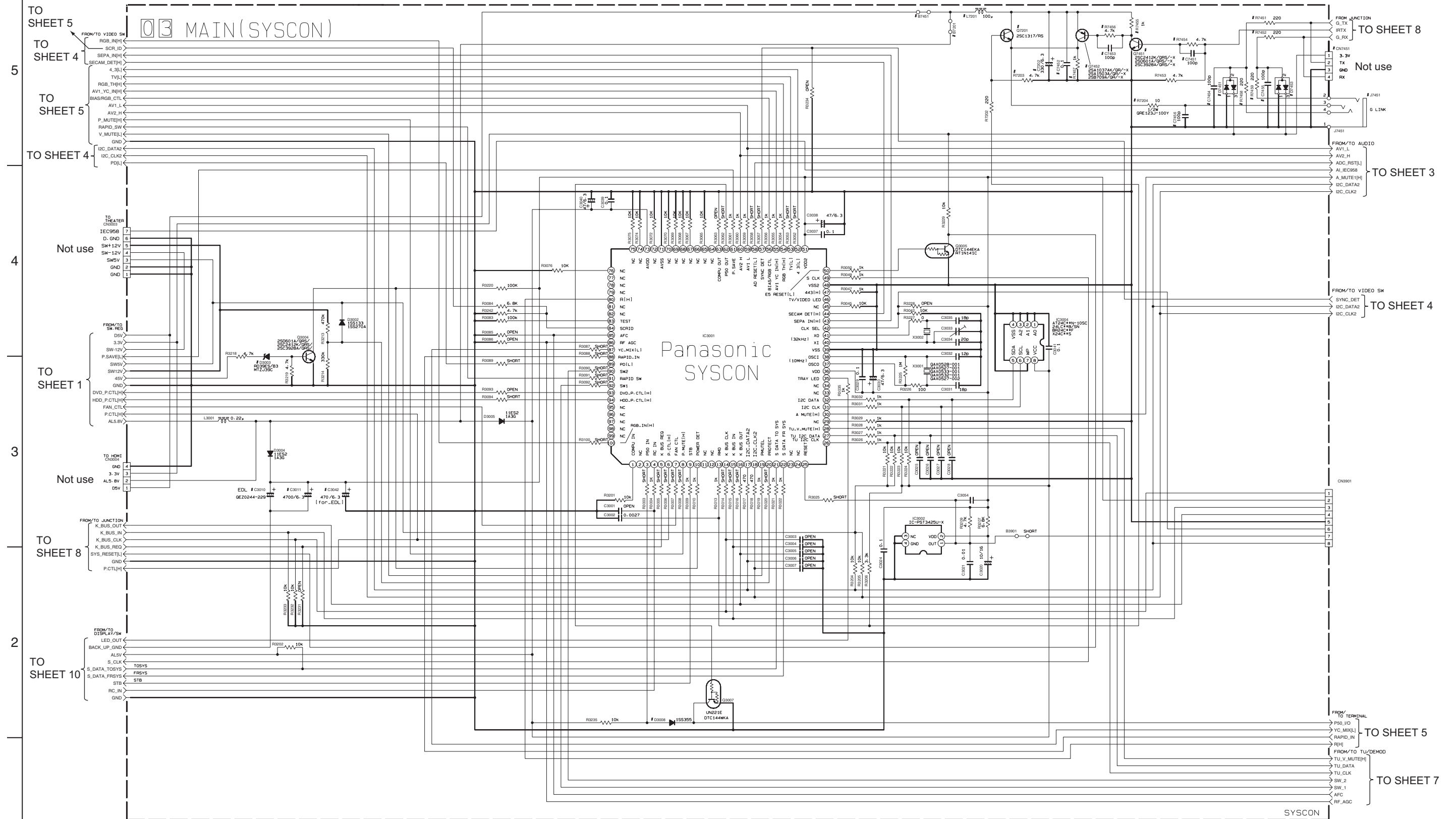
BH7623 On Select				
Ch	Source	V	Y/C	
1	FRONT	0	0	
2	RGB-Y/C	x	0	
3	AV2	0	0	
4	AV1	0	0	
5	TUNER	0 (Analog)	0 (Digital)	

# DIFFERENCE TABLE		
	SECAM DET	
IC4301-IC4304		
Q4305-Q4307		
R4308-R4313		
R4314		
C4315-C4318		
C4319-C4320		
C4321-C4322		
C4323-C4324		
C4325-C4326		
C4327-C4328		
C4329-C4330		
C4331-C4332		
C4333-C4334		
C4335-C4336		
C4337-C4338		
C4339-C4340		
C4341-C4342		
C4343-C4344		
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C4357-C4358		
C4359-C4360		
C4361-C4362		
C4363-C4364		
C4365-C4366		
C4367-C4368		
C4369-C4370		
C4371-C4372		
C4373-C4374		
C4375-C4376		
C4377-C4378		
C4379-C4380		
C4381-C4382		
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C4385-C4386		
C4387-C4388		
C4389-C4390		
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C4393-C4394		
C4395-C4396		
C4397-C4398		
C4399-C4400		
C4401-C4402		
C4403-C4404		
C4405-C4406		
C4407-C4408		
C4409-C4410		
C4411-C4412		
C4413-C4414		
C4415-C4416		
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C5207-C5208		
C5209-C5210		
C5211-C5212		
C5213-C5214		
C5215-C5216		
C5217-C5218		

■ Input/output terminal section







■ System controller section



#DIFFERENCE TABLE	C. BOX	G-LINK
J7451- L7201 : R7204 : C7202 C7452 : C7456	○	○
R7202- R7203- Q7201 : B7201	○	x
R7451 : R7452 : R7453 : R7454 R7455 : R7456 : R7457 : R7458 R7459 : R7451 : R7452 : R7451 R7451 : R7453 : C7454 : C7455 C7451 : R7451 : R7453	x	○

NOTES: UNLESS OTHERWISE SPECIFIED,
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

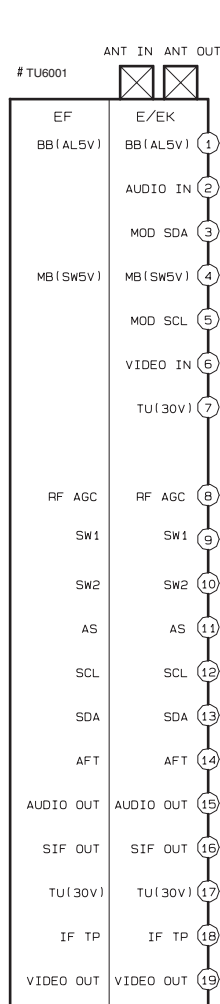
	ELECTROLYTIC
	CERAMIC
	MYLER
	NON POLAR

Tuner section

03
TUNER[MAIN]

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

- ELECTROLYTIC
- CERAMIC
- MYLER
- NON POLAR



FROM/TO
SYSCON

RF_AGC
SW_1
SW_2
AFC
TU_CLK
TU_DATA
TU_V_MUTE[H]

TO SHEET 6

FROM REG
GND
RF5V
SW5V
SW12V
BT2
SW3.3V
SW2.5V

TO SHEET 1

TO DTV

Not use

TO AUDIO
TU_AUDIO[L]
GND
TU_AUDIO[R]

TO SHEET 3

TO DEMOD
#CN6701

TO CN6701
SHEET 9

TO DTV

Not use

FROM/TO
VIDEO

TO SHEET 4

TUNER

DIFFERENCE TABLE

FUNCTION		SYMBOL	MH300		M150
			E/EK/ER AA	EF	EK
ANALOG TUNER					
TUNER	TU6001	SAMSUNG GAU0401	SAMSUNG GAU0402		×
BB(AL5V)	C6014	○	○		×
MB(SW5V)	L6003	○	○		×
	C6012	○	○		×
	C6013	×	×		×
RF AGC	R6080	○	○		×
SCL	R6020	○	○		×
SDA	R6021	○	○		×
AUDIO OUT	R6032 R6033 C6037	×	○		×
	R6030 R6031 Q6030	○	○		×
	VIDEO MUTE	Q6031	○	○	
DEMOM					
VCC	L6701	○	○		×
	C6751	×	×		×
	C6752	×	×		×
DEMOM UNIT	CN6701	○	○		×
DIGITAL TUNER					
REG	CN6801	×	×		○
BT2	C6801	×	×		×
SW12V	L6801	×	×		○
	C6802	×	×		×
AL5V	C6803	×	×		×
SW5V	L6802	×	×		○
	C6804	×	×		×
SW3.3V	L6803	×	×		○
	C6805	×	×		×
	C6806	×	×		×
SW2.5V	L6804	×	×		○
	C6807	×	×		×
	C6808	×	×		×
SIGNAL	CN6802	×	×		○
Y OUT	R6830 Q6830	×	×		×
	B6830	×	×		○
C OUT	R6831 Q6831	×	×		×
	B6831	×	×		○
L OUT	R6835	×	×		○
R OUT	R6833	×	×		○

■ Junction section

5

4

3

2

1

TO CN1103 SHEET 14

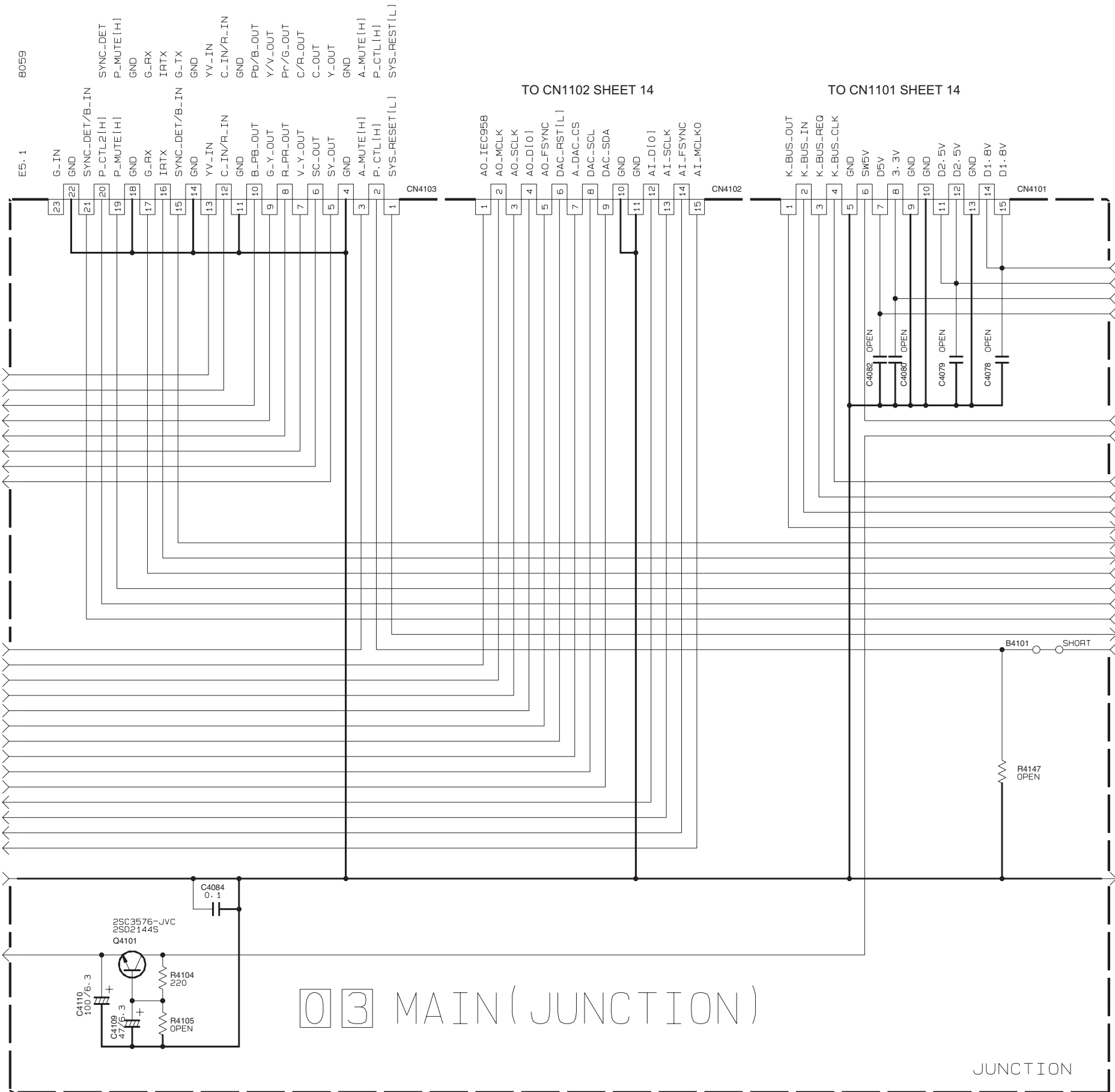
TO CN1102 SHEET 14

TO CN1101 SHEET 14

FROM/TO VIDEO SW
TO SHEET 4
TO SHEET 5

FROM/TO AUDIO
TO SHEET 3

TO TERMINAL
TO SHEET 5 RF5V



FROM SW. REG
D1.8V
D2.5V
3.3V
D5V
TO SHEET 1

SW5V
AL5.8V
TO SHEET 1

FROM/TO SYSCON
K_BUS_CLK
K_BUS_REQ
K_BUS_IN
K_BUS_OUT
G_TX
IRTX
G_RX
P_MUTE[H]
HDD_P_CTL[H]
TO SHEET 1

TO SHEET 4
TO SHEET 6

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.

- ELECTROLYTIC
- CERAMIC
- MYLAR
- NON POLAR

03 MAIN (JUNCTION)

JUNCTION

Demodulator section

1 4 DEMOD

TO CN6701 SHEET 7

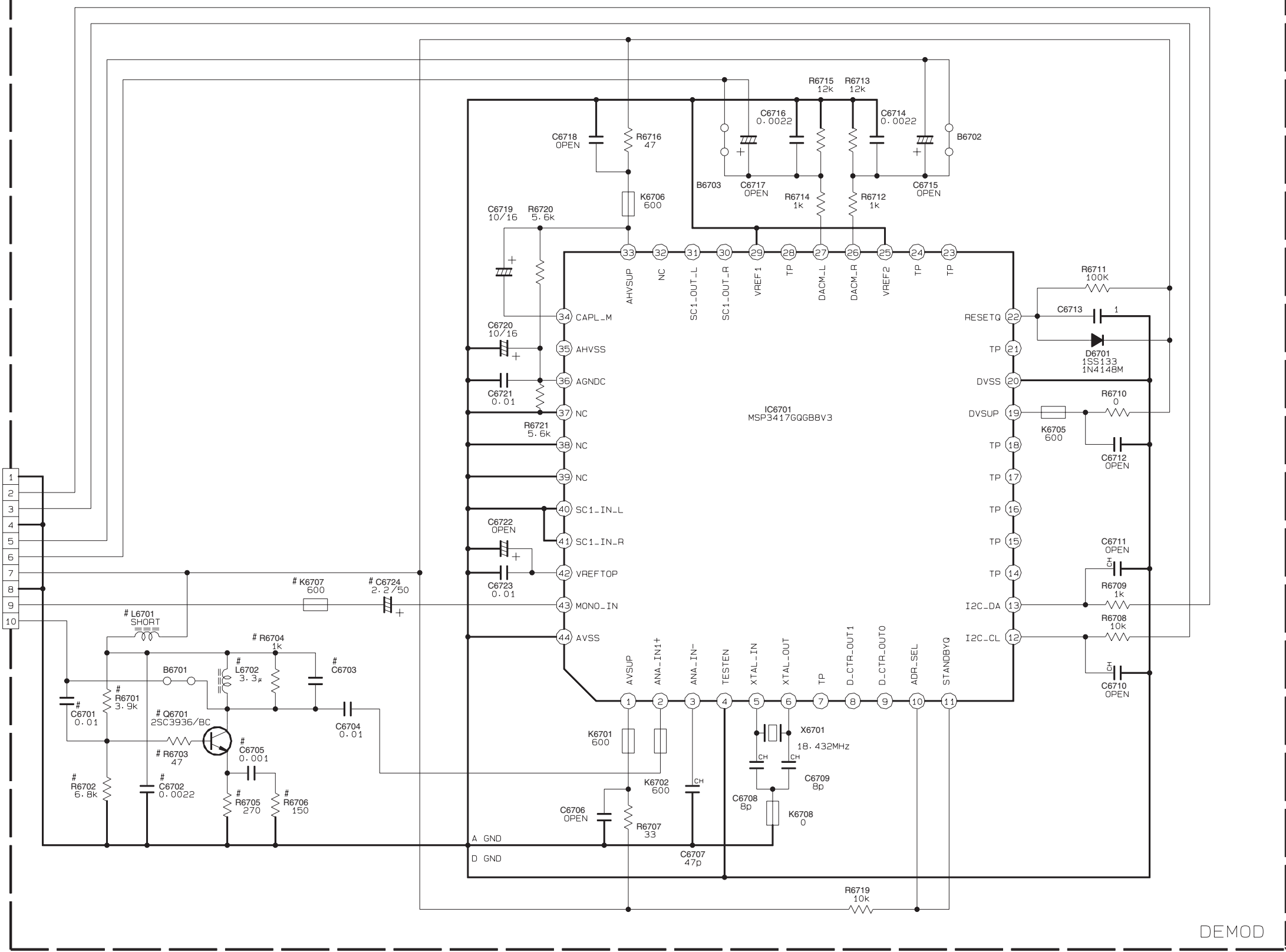
TO MAIN
CN6701
GND
I2C_DATA
I2C_CLK
GND
DEM0D_[R]
DEM0D_[L]
SW5V
GND
COMP
SIF

DIFFERENCE TABLE

FUNCTION	SYMBOL	E/EK/ER/AA/AG	EF
PREAMP	R6701-R6704, R6705-R6706, C6701-C6703, C6705, L6702, Q6701	×	×
MONO IN	C6724, K6707	×	○

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

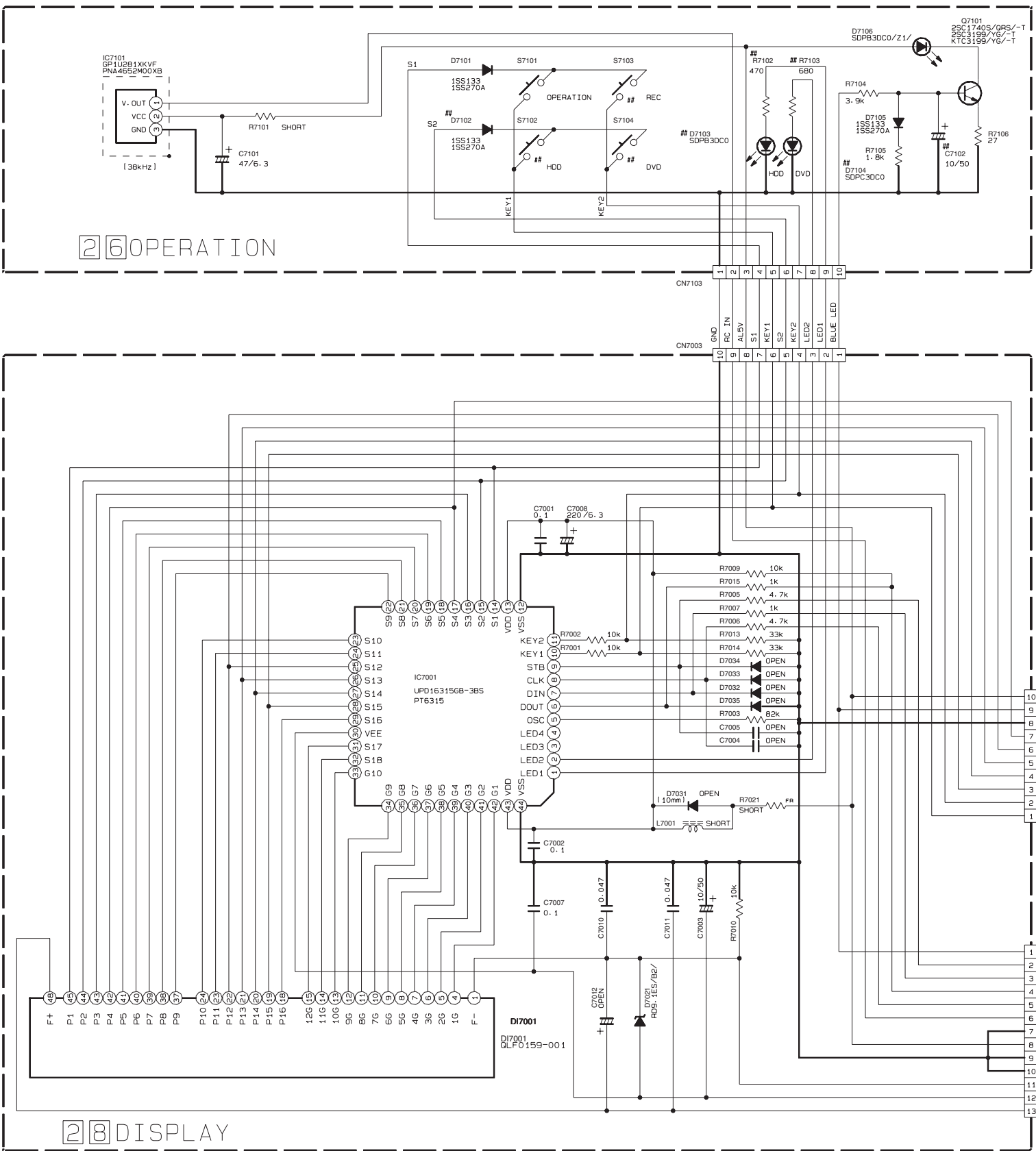
- ELECTROLYTIC
- CERAMIC
- MYLER
- NON POLAR



DEM0D

FL Display and operation switch section

5
4
3
2
1



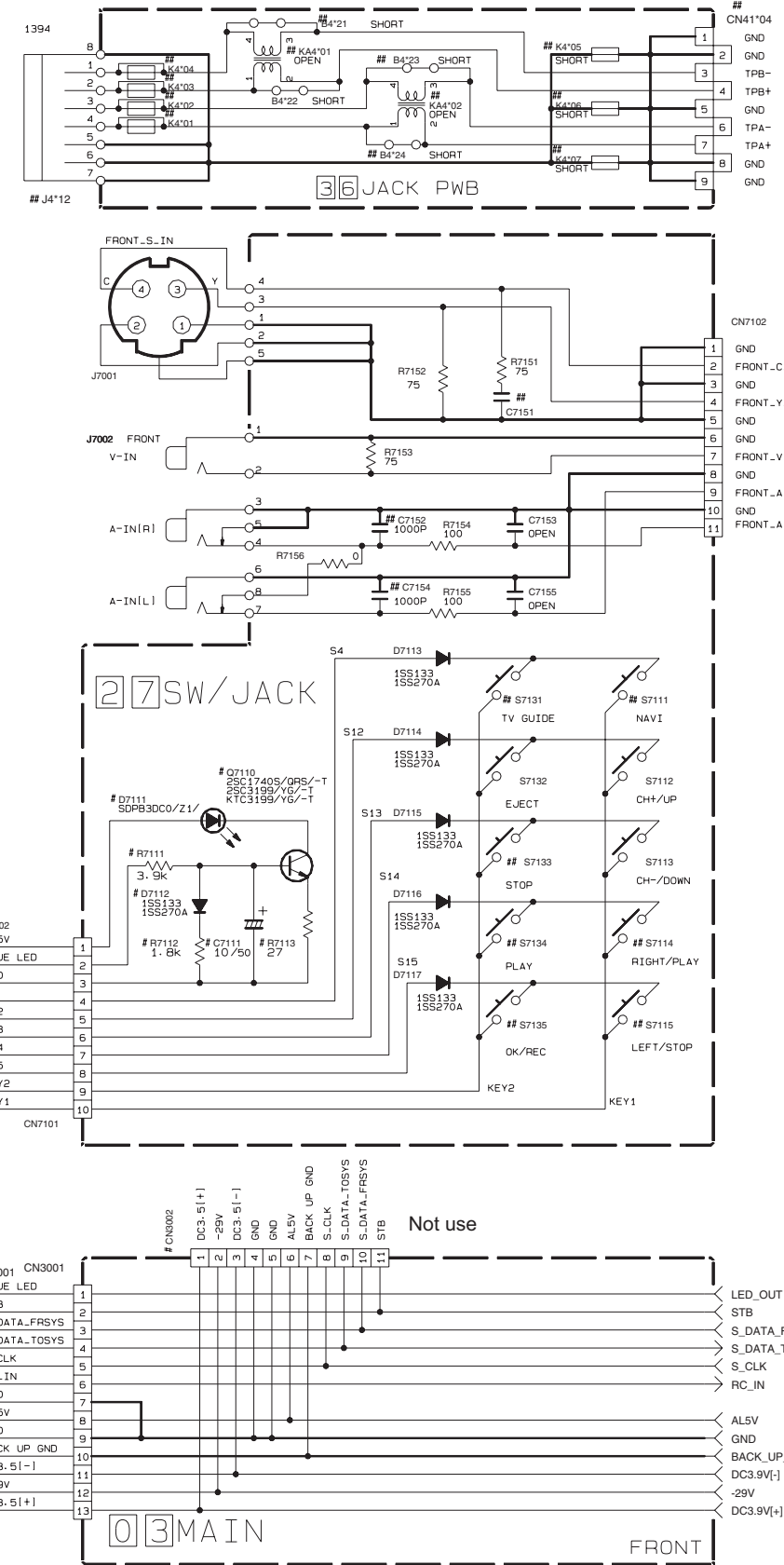
Parts are not attach

# DIFFERENCE TABLE											
	S7102	S7103	S7104	S7111	S7114	S7115	S7131	S7133	S7134	S7135	C7102
M100	X	X	X	X	PLAY	STOP	X	X	X	REC	X
MH300	HDD	REC	DVD	NAVI	RIGHT	LEFT	TV GUIDE	STOP	PLAY	OK	X

		C7151	C7154
NTSC	JAPAN	0.01	X
	OTHER	SHORT	X
	PAL	SHORT	O

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.

- ELECTROLYTIC
- CERAMIC
- MYLER
- NON POLAR



TO CN1801 SHEET 11

TO CN4001 SHEET 4

TO SHEET 6

TO SHEET 1

p20479001a_rev1

SHEET 10

A B C D E F G

2-31

2-32

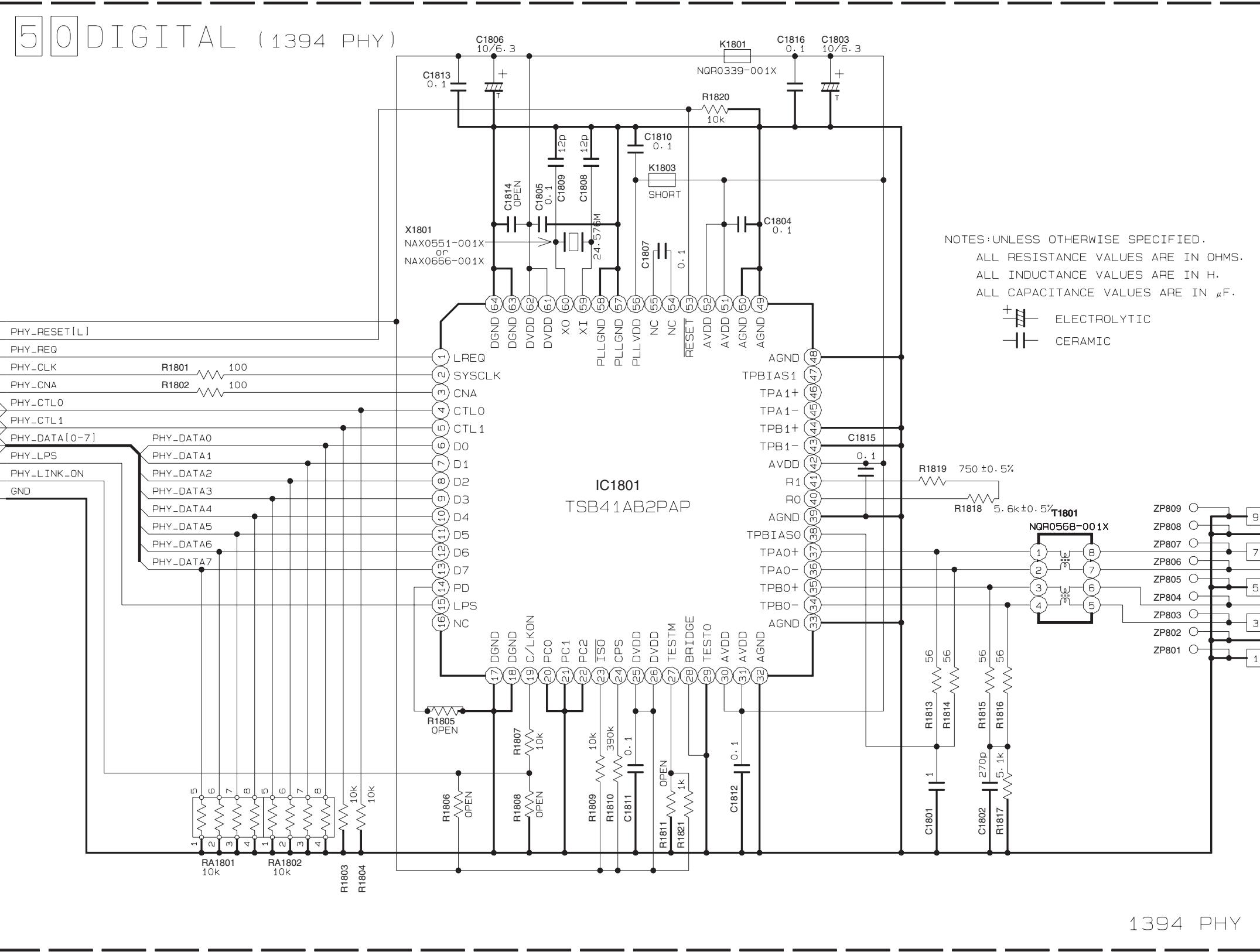
5

4

3

2

1



A

B

C

D

2-33

2-34

E

F

G

5

4

IC1701	K1701 B1701	B1702
LP2996MR-X	×	○
BD3533F-X	○	×

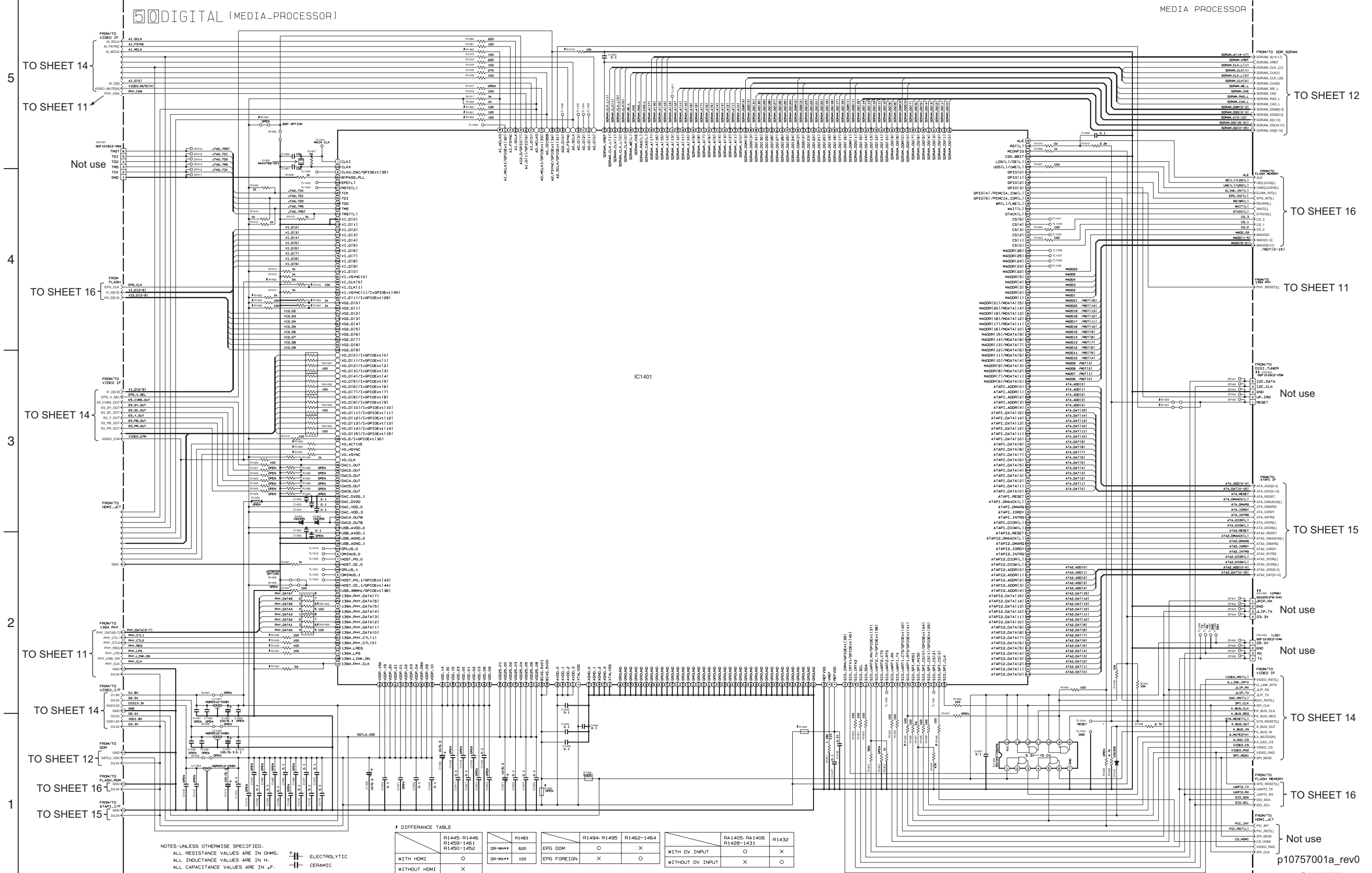
3

2



SHEET 12

■ Media processor section



Video interface section

DIGITAL (VIDEO_IF)

5

TO SHEET 13

4

TO CN4101
SHEET 8

3

TO CN4102
SHEET 8

2

TO SHEET 8

1

TO SHEET 13

TO CN4103
SHEET 8

TO SHEET 13

TO SHEET 16

	G1004, G1005 R1045, R1047, R1055, R1063
DOMUS	X
EURO	O

NOTES: UNLESS OTHERWISE SPECIFIED,
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

$\text{---}\text{||}\text{---}$ ELECTROLYTIC
 $\text{---}\text{||}\text{---}$ CERAMIC

VIDEO I/F

p10759001a_rev0

SHEET 14

■ ATAPI Interface section

TO SHEET 13

TO SHEET 13

50 DIGITAL (ATAPI_IF)

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.
+ — ELECTROLYTIC
— — CERAMIC

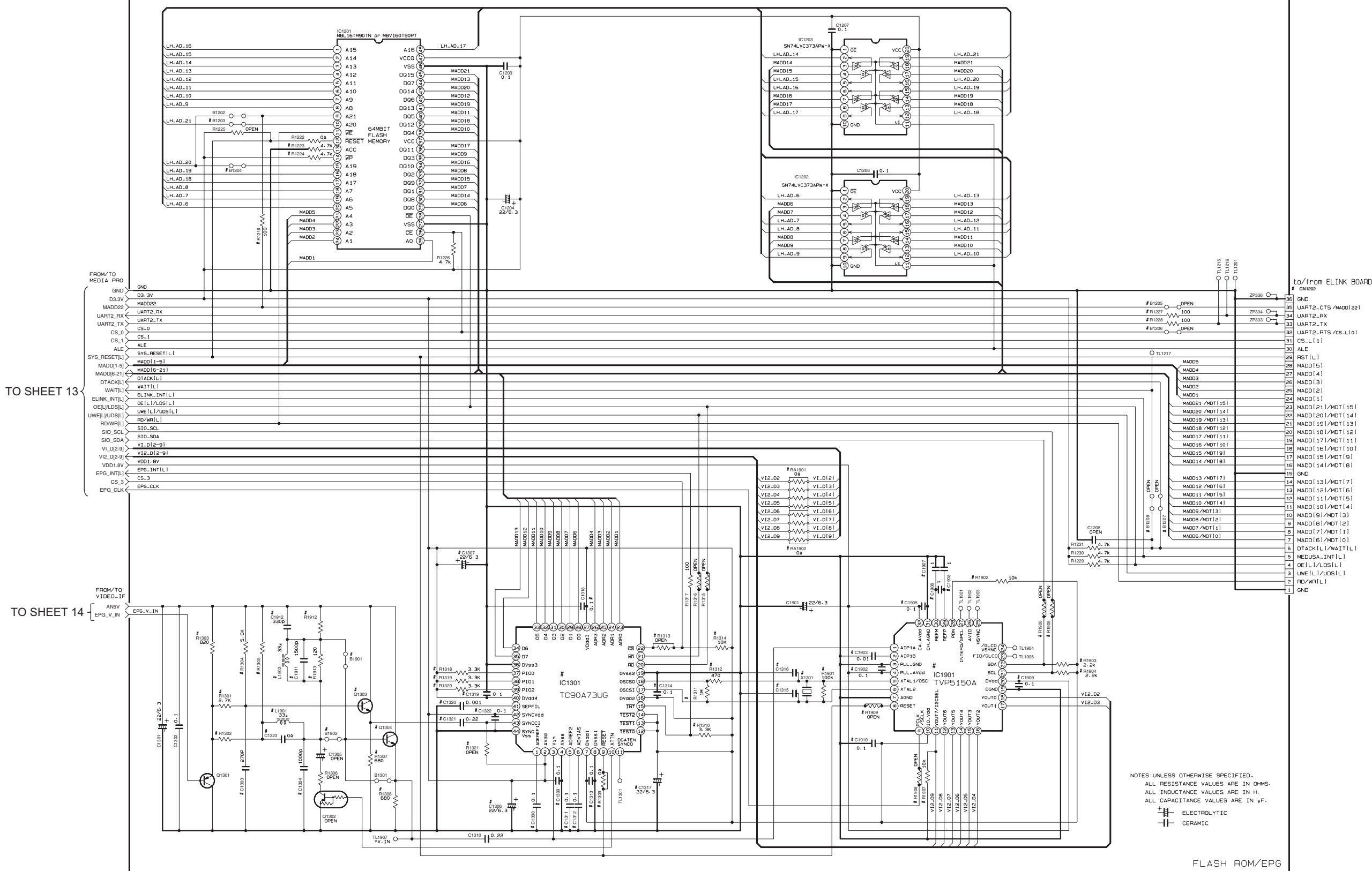
TO HDD

TO DRIVE UNIT

ATAPI I/F

FLASH-ROM/EPG Section

50 DIGITAL (FLASH ROM/EPG)



# DIFFERENCE TABLE			
	C1315	C1316	X1301
DOM	22p	18p	NAX0719-001X or NAX0785-001X
US/EU	12p	12p	NAX0733-001X
AA	X	X	X

	R1302	R1305	L1901·L1902·C1304·C1912	R1913·C1911	R1912	C1323	B1901	B1902·R1301·R1307·C1303·Q1303
DOM	3.3k	6.8k	X	X	X	O	X	O
US	180	330p	O	X	180	O	O	X
EURO	0Ω	X	X	O	560	O	O	X
AA	X	X	X	X	X	X	X	X

RGB-Y/C Converter Section

5

4

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1

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

 ELECTROLYTIC
 CERAMIC

VIDEO SW

RGB-Y/C
CONVERTER

VIDEO AMP

6 8 RGB_YC

RGB_YC

FROM/TO
MAIN
C_-FROM_RGB
Y_-FROM_RGB
GND
REAR2_Y-IN
H-OUT
V-OUT
SYNC
FSC2
SW5V
REAR2_RC-IN
REAR2_G-IN
REAR2_B-IN

TO CN4401 SHEET 4

CN4402

p30139001a_rev0

SHEET 17

A

B

C

D

2-45

2-46

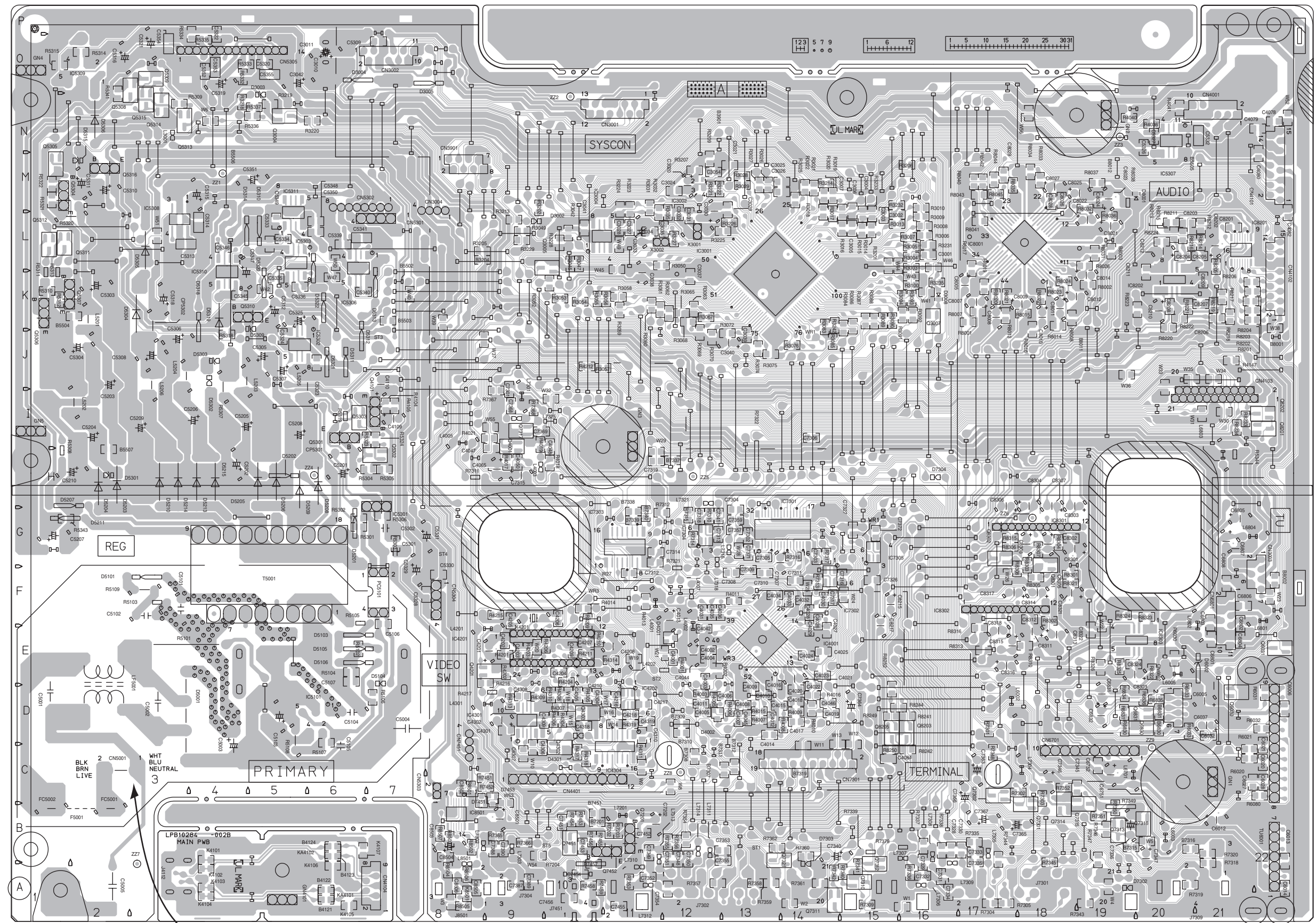
E

F

G

Printed circuit boards

■ Main board <03>



DANGEROUS VOLTAGE

COMPONENT PARTS LOCATION GUIDE <MAIN>

REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION
CAPACITOR													
C3001	B C 16L	C5305	A D 5J	C7456	B C 10A	D7302	A D 20A	Q8203	B C 16D	R4216	B C 9E	R8001	B C 17K
C3002	B C 15L	C5306	A D 3J	C8005	A D 17K	D7303	A D 14H	Q8205	B C 15D	R4217	A D 9D	R8002	B C 19K
C3003	B C 15L	C5307	A D 5J	C8007	A D 17K	D7304	A D 16H	Q8301	B C 18G	R4301	B C 10D	R8007	B C 17K
C3004	B C 15L	C5309	B C 7M	C8009	A D 17K	D7451	B C 8C	Q8302	B C 17G	R4305	B C 10D	R8008	B C 18K
C3005	B C 15L	C5310	A D 2M	C8010	A D 18K	D8001	B C 20M			R4306	B C 10D	R8013	B C 17K
C3006	B C 15M	C5311	A D 2M	C8011	A D 18K					R4307	B C 10D	R8014	B C 18K
C3007	B C 15L	C5312	A D 5K	C8012	A D 18K			RESISTOR		R4308	B C 10D	R8015	B C 18K
C3010	A D 60	C5313	B C 3L	C8014	A D 19K	F5001	A D 2B	R3003	B C 16L	R4309	B C 10D	R8016	B C 18K
C3011	A D 60	C5314	B C 4L	C8015	A D 19L			R3004	B C 16L	R4310	B C 10D	R8017	B C 17L
C3020	A D 12M	C5315	B C 4M	C8022	A D 19L	IC		R3005	B C 16L	R4311	B C 10D	R8019	B C 17K
C3021	B C 13M	C5316	A D 20	C8023	A D 19M	IC3001	B C 13K	R3006	B C 16L	R4312	B C 10D	R8020	B C 17K
C3024	B C 12M	C5318	A D 3K	C8024	B C 19M	IC3002	B C 12M	R3007	B C 16L	R4313	B C 10D	R8021	B C 17K
C3025	B C 14M	C5319	A D 40	C8025	A D 18M	IC3004	B C 10L	R3008	B C 16L	R4314	B C 11E	R8022	B C 17K
C3026	B C 14M	C5320	B C 50	C8026	B C 18M	IC4001	B C 13E	R3009	B C 16L	R4317	B C 10C	R8022	B C 18K
C3027	B C 11L	C5321	A D 3P	C8027	A D 18M	IC4201	A D 9E	R3010	B C 16M	R4318	B C 10C	R8023	B C 18K
C3028	B C 11L	C5322	B C 40	C8028	A D 18M	IC4202	A D 9E	R3011	B C 15L	R4319	B C 11D	R8024	B C 18K
C3029	B C 13M	C5323	B C 6J	C8029	A D 17M	IC4301	B C 11D	R3012	B C 15L	R4320	B C 11D	R8026	B C 19L
C3030	A D 12L	C5324	B C 5J	C8201	B C 21L	IC4304	B C 11C	R3013	B C 15L	R4321	B C 11D	R8027	B C 19L
C3031	B C 12L	C5325	A D 6K	C8202	A D 21L	IC5101	A D 6D	R3014	B C 15L	R4322	B C 11D	R8028	B C 19L
C3032	B C 12L	C5326	B C 20N	C8203	B C 20L	IC5301	A D 7H	R3015	B C 15L	R4323	B C 11D	R8029	B C 19L
C3033	A D 11L	C5327	B C 20N	C8204	B C 20L	IC5302	B C 5J	R3016	B C 15L	R4324	B C 11D	R8030	B C 19L
C3034	B C 11L	C5328	B C 8F	C8205	B C 21K	IC5303	B C 5L	R3017	B C 14L	R4325	B C 11D	R8031	B C 19L
C3035	B C 12L	C5329	A D 7G	C8206	B C 21K	IC5306	B C 6L	R3018	B C 14L	R4326	B C 11D	R8032	B C 19L
C3037	B C 12K	C5330	B C 8F	C8207	B C 21K	IC5307	B C 6L	R3019	B C 14M	R4327	B C 11D	R8033	B C 19L
C3038	A D 11K	C5331	A D 8G	C8208	B C 20K	IC5308	B C 3L	R3020	B C 14M	R4328	B C 11D	R8034	B C 19L
C3039	B C 13J	C5332	B C 21N	C8209	B C 21K	IC5309	A D 20	R3021	B C 13M	R4329	B C 11D	R8035	B C 19L
C3040	A D 13J	C5333	B C 5L	C8210	A D 20K	IC5310	B C 4K	R3022	B C 13M	R4330	B C 11D	R8036	B C 19L
C3041	B C 10L	C5334	B C 5L	C8211	B C 20K	IC5311	B C 5L	R3023	B C 13M	R4331	B C 11D	R8037	B C 19M
C3042	A D 60	C5335	B C 5K	C8212	A D 20L	IC7301	B C 14G	R3024	B C 11M	R4332	B C 11D	R8038	B C 19M
C3054	B C 12M	C5336	B C 5K	C8215	A D 15F	IC7302	B C 14F	R3025	B C 11L	R4333	B C 11D	R8039	B C 19M
C4001	B C 12E	C5339	B C 6L	C8217	A D 15F	IC7303	B C 11G	R3026	B C 10K	R4334	B C 11D	R8040	B C 19M
C4002	B C 12E	C5340	B C 6K	C8301	A D 19G	IC7304	B C 12G	R3027	B C 10K	R4335	B C 11D	R8041	B C 19M
C4003	B C 12E	C5341	B C 6L	C8302	B C 18G	IC7305	B C 15G	R3028	B C 10K	R4336	B C 11D	R8042	B C 19M
C4004	B C 12E	C5345	B C 4K	C8303	A D 19H	IC8001	B C 18L	R3029	B C 10K	R4337	B C 11D	R8043	B C 19M
C4005	B C 12E	C5346	B C 4K	C8304	A D 18H	IC8201	B C 21L	R3030	B C 10K	R4338	B C 11D	R8044	B C 19M
C4006	B C 13D	C5347	A D 4L	C8305	A D 18G	IC8202	B C 20K	R3031	B C 10K	R4339	B C 11D	R8045	B C 19M
C4007	B C 13D	C5348	B C 6L	C8306	A D 17H	IC8301	A D 17G	R3032	B C 10K	R4340	B C 11D	R8046	B C 19M
C4008	B C 13D	C5349	B C 6L	C8307	A D 18H	IC8302	A D 17F	R3033	B C 10K	R4341	B C 11D	R8047	B C 19M
C4009	B C 13D	C5350	B C 6L	C8308	A D 18G	IC8303	B C 20E	R3034	B C 10K	R4342	B C 11D	R8048	B C 19M
C4010	B C 13D	C5351	A D 5M	C8311	A D 18E	IC8501	B C 8B	R3035	B C 10K	R4343	B C 11D	R8049	B C 19M
C4011	B C 12D	C5352	B C 40	C8312	A D 18F			R3036	B C 11K	R4344	B C 11D	R8050	B C 19M
C4012	B C 13D	C5353	B C 40	C8313	A D 18E	COIL		R3037	B C 11J	R4345	B C 11D	R8051	B C 19M
C4013	A D 12F	C5354	B C 30	C8314	A D 18F	L3001	A D 3N	R3038	B C 11K	R4346	B C 11D	R8052	B C 19M
C4014	B C 13D	C5355	B C 50	C8315	A D 17E	L4001	A D 11F	R3039	B C 11K	R4347	B C 11D	R8053	B C 19M
C4015	B C 13D	C5356	B C 50	C8316	A D 17E	L4002	A D 11F	R3040	B C 11K	R4348	B C 11D	R8054	B C 19M
C4016	B C 13D	C6006	B C 22D	C8317	A D 18F	L4003	A D 9H	R3041	B C 11K	R4349	B C 11D	R8055	B C 19M
C4017	B C 14D	C6012	A D 21B	C8318	A D 17E	L4005	A D 8I	R3042	B C 12K	R4350	B C 11D	R8056	B C 19M
C4018	B C 14D	C6013	B C 22B	C8321	A D 19F	L4007	A D 12F	R3043	B C 12K	R4351	B C 11D	R8057	B C 19M
C4019	B C 14D	C6014	B C 22A	C8322	B C 19E	L4201	A D 8E	R3044	B C 12K	R4352	B C 11D	R8058	B C 19M
C4020	B C 14D	C6020	B C 22C	C8323	A D 20E	L4202	A D 11E	R3045	B C 12K	R4353	B C 11D	R8059	B C 19M
C4021	A D 14E	C6021	B C 22C	C8324	B C 19E	L4301	A D 9D	R3046	B C 12K	R4354	B C 11D	R8060	B C 19M
C4022	B C 14D	C6027	B C 21C	C8501	A D 9B	L5201	A D 2K	R3047	B C 12K	R4355	B C 11D	R8061	B C 19M
C4023	B C 14E	C6028	B C 22C	C8502	B C 8C	L5202	A D 2I	R3048	B C 12K	R4356	B C 11D	R8062	B C 19M
C4024	B C 14E	C6032	B C 21D	C8503	A D 8B	L5203	A D 4I	R3049	B C 13J	R4357	B C 11D	R8063	B C 19M
C4025	B C 14E	C6037	A D 21D	C8504	B C 8B	L5204	A D 3J	R3050	B C 13J	R4358	B C 11D	R8064	B C 19M
C4026	B C 14F	C6751	A D 19C	C8505	B C 8A	L5205	A D 6I	R3051	B C 13J	R4359	B C 11D	R8065	B C 19M
C4027	B C 14E	C6752	B C 19C	C8506	B C 8A	L5206	A D 3I	R3052	B C 14J	R4360	B C 11D	R8066	B C 19M
C4028	B C 14F	C6801	B C 21E			L6002	A D 17D	R3053	B C 14K	R4361	B C 11D	R8067	B C 19M
C4029	B C 14E	C6802	B C 21F	CONNECTOR		L6003	A D 20B	R3054	B C 15K	R4362	B C 11D	R8068	B C 19M
C4030	B C 14F	C6803	B C 21F	CN3001	A D 11N	L6005	A D 20E	R3055	B C 15K	R4363	B C 11D	R8069	B C 19M
C4031	B C 12F	C6804	B C 21E	CN3002	A D 60	L6701	A D 19C	R3056	B C 15K	R4364	B C 11D	R8070	B C 19M
C4032	B C 14F	C6805	A D 21G	CN3003	A D 22G	L6801	A D 22F	R3057	B C 15K	R4365	B C 11D	R8071	B C 19M
C4033	B C 14F	C6806	B C 21F	CN3004	A D 8M	L6802	A D 21E	R3058	B C 15K	R4366	B C 11D	R8072	B C 19M
C4034	B C 13F	C6807	A D 21G	CN3001	A D 8M	L6803	A D 21H	R3059	B C 15K	R4367	B C 11D	R8073	B C 19M
C4035	B C 12F	C6808	B C 21F	CN4001	A D 21N	L6804	A D 21G	R3060	B C 15K	R4368	B C 11D	R8074	B C 19M
C4036	B C 12F	C6809	B C 21F	CN4101	A D 22M	L7201	A D 11B	R3061	B C 16K	R4369	B C 11D	R8075	B C 19M
C4042	B C 12E	C6832	A D 19D	CN4102	A D 22K	L7301	A D 9I	R3062	B C 16K	R4370	B C 11D	R8076	B C 19M
C4044	A D 12E	C7202	A D 11B	CN4103	A D 22I	L7302	A D 8B	R3063	B C 16K	R4371	B C 11D	R8077	B C 19M
C4045	B C 13D	C7301	B C 9I	CN4104	A D 7A	L7303	A D 9B	R3064	B C 16K	R4372	B C 11D	R8078	B C 19M
C4046	B C 14D	C7302	B C 13G	CN4401	A D 9C	L7304	A D 18C	R3065	B C 16K	R4373	B C 11D	R8079	B C 19M
C4047	B C 9I	C7303	B C 14G	CN5001	A D 2C	L7305	A D 17B	R3066	B C 15L	R4374	B C 11D	R8080	B C 19M
C4048	B C 10I	C7304	B C 13G	CN5301	A D 7L	L7306	A D 16A	R3067	B C 9M	R4375	B C 11D	R8081	B C 19M
C4050	B C 9H	C7305	B C 14G	CN5302	A D 7M	L7307	A D 15B	R3068	B C 9M	R4376	B C 11D	R8082	B C 19M
C4055	A D 9H	C7306	B C 14I	CN5303	A D 8C	L7308	A D 16B	R3069	B C 8L	R4377	B C 11D	R8083	B C 19M
C4078	B C 22N	C7307	A D 13G	CN5304	A D 8F	L7309	A D 16A	R3070	B C 16M	R4378	B C 11D	R8084	B C 19M
C4079	B C 22N	C7308	B C 13F	CN5305	A D 30	L7310	A D 11A	R3071	B C 12M	R4379	B C 11D	R8085	B C 19M
C4080	B C 22M	C7309	B C 13F	CN6701	A D 19C	L7311	A D 12B	R3072	B C 12M	R4380	B C 11D	R8086	B C 19M
C4082	B C 22L	C7310	B C 13F	CN6801	A D 21F	L7312	A D 11A	R3073	B C 9L	R4381	B C 11D	R8087	B C 19M
C4084	B C 15C	C7311	B C 14F	CN6802	A D 20D	L7313	A D 11B	R3074	B C 14M	R4382	B C 11D	R8088	B C 19M
C4105	A D 7I	C7312	B C 11G	CN7301	A D 15C	L7314	A D 14N	R3075	B C 14M	R4383	B C 11D	R8089	B C 19M
C4110	A D 9E	C7313	B C 12G	CN7451	A D 8C	L7315	A D 13C	R3076	B C 5N	R4384	B C 11D	R8090	B C 19M
C4201	A D 9E	C7314	B C 11G			L7316	A D 12G	R3077	B C 6N	R4385	B C 11D	R8091	B C 19M
C4202	B C 9E	C7315	A D 9H	DIODE		L7317	A D 12H	R3078	B C 12M	R4386	B C 11D	R8092	B C 19M
C4203	B C 9E	C7316	A D 15F	D3002	A D 9L	L7321	A D 9I	R3079	B C 12M	R4387	B C 11D	R8093	B C 19M
C4204	B C 10E	C7317	B C 14F	D3003	A D 5N	L7325	A D 8A	R3080	B C 11M	R4388	B C 11D	R8094	B C 19M
C4205	B C 9F	C7318	B C 12G	D3004	A D 70	L8501		R3081	B C 11M	R4389	B C 11D	R8095	B C 19M
C4206	B C 10F	C7319	B C 11H	D3005	A D 7I			R3082	B C 11M	R4390	B C 11D	R8096	B C 19M
C4207	B C 10E	C7326	B C 15F	D3008	B C 16K			R3083	B C 13L	R4391	B C 11D	R8097	B C 19M
C4208	A D 11E	C7327	B C 15G	D4001	B C 12E			R3084	B C 12L	R4392	B C 11D	R8098	B C 19M
C4209	B C 10E	C7328	B C 16B	D4002	B C 12D			R3085	B C 10L	R4393	B C 11D	R8099</	

[illegible]

LPB20041 -001A
DC/DC CONV PWB

LPA20041 -

0 2 DC/DC CONV PWB ASS'Y

PbF

7 CN5702 1

6 CN5701 1

UL MARK

[illegible]

VOLTAGE CHARTS

<DC/DC CONV>		<RGB-YC>		<DEMOD>	
MODE PIN NO.	P.ON	MODE PIN NO.	P.ON	MODE PIN NO.	P.ON
IC5701		IC4401		IC6701	
1	5.8	1	0	1	4.2
2	1.1	2	2.3	2	0
3	1.5	3	2.3	3	1.5
4	0	4	0	4	0
5	0	5	0	5	0
6	0	6	2.0	6	0
7	2.2	7	0	7	2.0
8	5.9	8	4.2	8	0
9	0	9	0	9	0
10	0	10	4.5	10	3.5
11	0	11	4.0	11	3.5
12	5.8	12	5.0	12	5.0
13	2.5	13	0	13	5.0
14	0	14	0	14	0.3
15	1.5	15	0	15	0.3
16	1.0	16	1.6	16	0.3
17	0	17	0	17	0.3
18	5.9	18	0	18	0.3
19	4.8	19	0	19	4.9
20	0	20	0	20	0
IC5710		21	0	21	0.3
1	3.2	22	0	22	4.2
2	5.8	23	0	23	0
3	0	24	0	24	0
4	2.5	IC4402		25	0
5	2.5	1	0.5	26	1.0
Q5720		2	0	27	0
1	2.0	3	5.0	28	0
2	2.0	4	1.8	29	0
3	3.9	5	0	30	2.3
4	5.8	6	2.1	31	0
5	0	IC4403		32	0
6	0	1	0	33	4.5
CN5701		2	4.8	34	0
1	4.8	3	5.0	35	0
2	1.9	4	0	36	0
3	1.9	5	0	37	0
4	0	6	0.3	38	0
5	0	7	0	39	0
6	0	8	0	40	0
CN5702		9	0	41	0
1	5.8	10	3.9	42	0
2	0	11	5.0	43	2.3
3	0.9	12	0	44	0
4	2.5	13	5.0	CN6701	
5	0	14	2.3	1	0
6	5.8	15	0	2	5.1
7	0	16	5.0	3	5.0
		IC4404		4	0
		1	0	5	0.9
		2	0	6	0.9
		3	0	7	4.9
		4	0	8	0
		5	0	9	0
		6	0	10	2.0
		7	0		
		8	0		
		9	1.0		
		10	1.0		
		11	0		
		12	1.0		
		13	1.0		
		14	1.0		
		15	1.0		
		16	5.0		
		CN4402			
		1	0		
		2	1.4		
		3	0		
		4	0		
		5	4.6		
		6	0		
		7	4.6		
		8	1.9		
		9	5.0		
		10	0		
		11	0		
		12	0		



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No.YD090SCH



Printed in Japan
VPT

PARTS LIST

[DR-MH300SAA]

*** SAFETY PRECAUTION**

Parts identified by the ⚠ 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

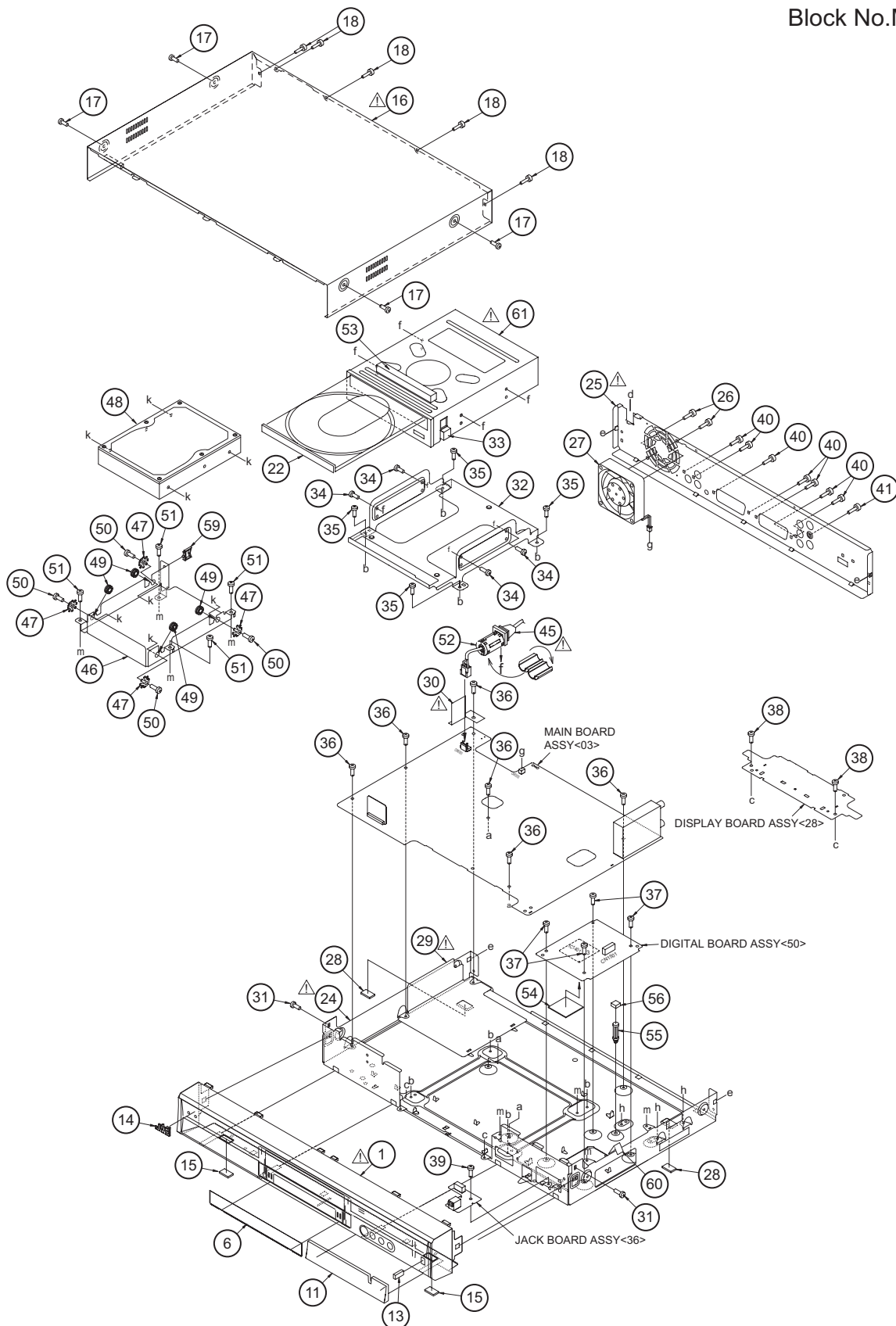
AA ----- Australia

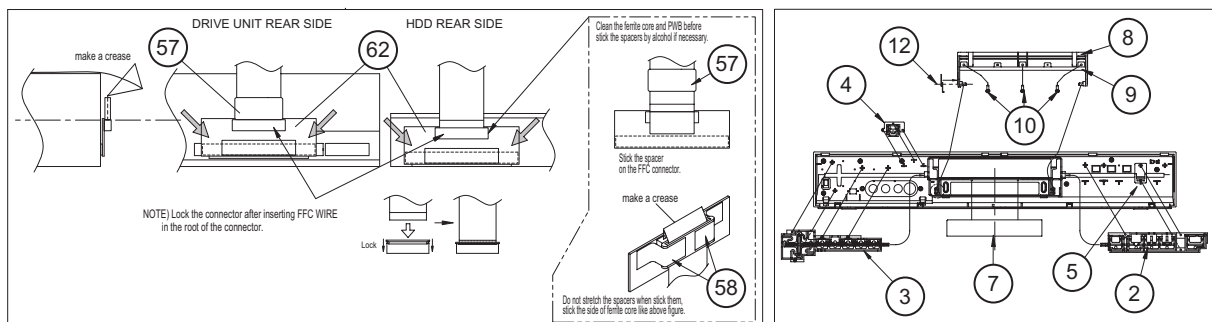
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Packing materials and accessories parts list	3-16

Exploded view of general assembly and parts list

Block No.M1MM





General assembly

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

△ Symbol No.	Part No.	Part Name	Description	Local
△ 1	LP10581-018A	FRONT PANEL		
2	LP31543-001C	P.BUTTON ASSY		
3	LP21357-001C	P.BUTTON(R)		
4	LP21352-001A	P.BUTTON(EJ)		
5	LP31477-001A	REMOTE LENS		
6	LP31474-002A	WINDOW SCREEN		
7	LP31484-001A	FL SCREEN		
8	LP21376-003B	LID		
9	LP21355-001B	LENS		
10	QYSDSF2005ZA	TAP SCREW	FOR LENS(x3)	
11	LP21353-014A	DOOR(R)		
12	LP41219-001B	SPRING		
13	QZW0020-001	LATCH		
14	GN40020-002A	JVC MARK		
15	LP30002-0K1A	SPACER	(x2)	
△ 16	LP21361-002A	TOP COVER	(SERVICE)	
17	QYSDSGY3006RA	TAP SCREW	TOP SIDE(x4)	
18	QYSDSGY3006RA	TAP SCREW	TOP REAR(x5)	
19	QYSBSF2608ZA	TAP SCREW	FRONT PWB(x8)	
20	LP31514-001B	EARTH PLATE	FRONT JACK	
21	LP30002-0K6A	SPACER	FRONT JACK	
22	LP21348-201B	FITTING(DVD)	JR4/JR5	
△ 24	LP10578-001A	BOTTOM CHASSIS		
△ 25	LP21362-025A	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	LP21364-001A	DVD BKT	JR4/JR5	
33	LP30002-0L4A	SPACER	DRIVE	
34	QYSDST3006ZA	TAP SCREW	DRIVE(x4)	
35	QYSBSGG3006ZA	TAP SCREW	DVD BKT(x4)	
36	QYSBSGG3006ZA	TAP SCREW	MAIN PWB(x6)	
37	QYSBSGG3006ZA	TAP SCREW	DIGI PWB(x4)	
38	QYSBSGG3006ZA	TAP SCREW	FL PWB(x2)	
39	QYSBSGG3006ZA	TAP SCREW	DV PWB	
40	QYSBSGY3008MA	TAP SCREW	JACK(x7)	
41	QYSBST3004MA	TAP SCREW	TUNER	
△ 45	QMPG130-170-JC	POWER CORD	1.7m BLACK	
46	LP21366-001A	HDD BKT	HDD	
47	LP41279-001A	SPRING	HDD SCREW(x4)	
48	LP40278-009A	HDD	(SERVICE)	
49	LP41257-001A	DAMPER	HDD(x4)	
50	LP41220-001A	SPECIAL SCREW	HDD(x4)	
51	QYSBSGG3006ZA	TAP SCREW	HDD BKT(x4)	
52	QQR0491-001	FERRITE CORE	AC CORD	
53	LP41107-001A	GASKET	DVD TOP	
54	LP40769-001A	SPACER	FOR IC1401	
55	LC42166-001A	PC SUPPORT		
56	LP30002-0K7A	SPACER		
57	QQR1634-001	FERRITE CORE	HDD FFC(x2)	
58	LP30002-0F6A	SPACER	FFC F.CORE(x2)	
59	QZW0192-001	WIRE CLAMP	HDD BKT	
60	LP30002-0F6A	SPACER		
△ 61	QAL0704-002	DRIVE UNIT		
62	QGZ0025A1-40	CONNECTOR	(1-40)(x2)	
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	QJJ032-041814-E	SIN CR C-C WIRE	DRIVE-MAIN CN5302	
WR 8	QJJ032-042614-E	SIN CR C-C WIRE	HDD-MAIN CN5304	

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 CHOKE 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 LPA10284-25C1 MAIN BOARD ASSY

IC3001 MN101D10GDK IC(MCU) MASK
IC3002 IC-PST3425U-X IC
IC3004 LPN1004-003A-36 IC(EEPROM) *(REFER TO BELOW)
IC4001 BH7623KS2 IC
IC4201 LC74793-E IC
IC4202 MM1504XN-X IC
IC5101 STR-G6653-F9 IC
IC5301 TL431/A-T IC
IC5301 or MM1431AT-T IC
IC5301 or UTCTL431-T IC

△ Symbol No. Part No. Part Name Description Local

IC5302 MM1665AH-X IC
IC5303 MM1689BH-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 or 2SC3928A/QRS/-X TRANSISTOR
Q3005 UN2211-X TRANSISTOR
Q3005 or DTC114EKA-X DIGI TRANSISTOR
Q3005 or RT1N141C-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 UN2211-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 UN2211-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 UN2211-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
Q6030 or 2SA1037AK/QR/-X TRANSISTOR
Q6030 or 2SA1530A/QR/-X TRANSISTOR
Q6031 UN2211-X TRANSISTOR
Q6031 or DTC114EKA-X DIGI TRANSISTOR

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.

(No.YD090)3-5

△ Symbol No.	Part No.	Part Name	Description	Local
Q6031	or RT1N141C-X	DIGI TRANSISTOR		
Q7301	2SD601A/QRS/-X	TRANSISTOR		
Q7301	or 2SC2412K/QRS/-X	TRANSISTOR		
Q7301	or 2SC3928A/QRS/-X	TRANSISTOR		
Q7302	2SD601A/QRS/-X	TRANSISTOR		
Q7302	or 2SC2412K/QRS/-X	TRANSISTOR		
Q7302	or 2SC3928A/QRS/-X	TRANSISTOR		
Q7310	2SB709A/QR/-X	TRANSISTOR		
Q7310	or 2SA1037AK/QR/-X	TRANSISTOR		
Q7310	or 2SA1530A/QR/-X	TRANSISTOR		
Q7311	2SB709A/QR/-X	TRANSISTOR		
Q7311	or 2SA1037AK/QR/-X	TRANSISTOR		
Q7311	or 2SA1530A/QR/-X	TRANSISTOR		
Q7312	UN221E-X	TRANSTSTOR		
Q7312	or DTC144WKA-X	DIGI TRANSISTOR		
Q7312	or RT1N44HC-X	DIGI TRANSISTOR		
Q7313	UN2211-X	TRANSISTOR		
Q7313	or DTC114EKA-X	DIGI TRANSISTOR		
Q7313	or RT1N141C-X	DIGI TRANSISTOR		
Q7314	UN221E-X	TRANSTSTOR		
Q7314	or DTC144WKA-X	DIGI TRANSISTOR		
Q7314	or RT1N44HC-X	DIGI TRANSISTOR		
Q7315	UN2215-X	TRANSISTOR		
Q7315	or DTC114TKA-X	TRANSISTOR		
Q7315	or RT1N140C-X	DIGI TRANSISTOR		
Q7316	2SB709A/QR/-X	TRANSISTOR		
Q7316	or 2SA1037AK/QR/-X	TRANSISTOR		
Q7316	or 2SA1530A/QR/-X	TRANSISTOR		
Q7317	2SB709A/QR/-X	TRANSISTOR		
Q7317	or 2SA1037AK/QR/-X	TRANSISTOR		
Q7317	or 2SA1530A/QR/-X	TRANSISTOR		
Q7321	UN221T-X	DIGI TRANSISTOR		
Q7321	or DTC124XKA-X	DIGI TRANSISTOR		
Q7321	or RT1N242C-X	DIGI TRANSISTOR		
Q8201	UN221E-X	TRANSTSTOR		
Q8201	or DTC144WKA-X	DIGI TRANSISTOR		
Q8201	or RT1N44HC-X	DIGI TRANSISTOR		
Q8202	UN211E-X	DIGI TRANSISTOR		
Q8202	or DTA144WKA-X	TRANSISTOR		
Q8202	or RT1P44HC-X	DIGI TRANSISTOR		
Q8203	2SC2412K/QRS/-X	TRANSISTOR		
Q8203	or 2SD601A/QRS/-X	TRANSISTOR		
Q8203	or 2SC3928A/QRS/-X	TRANSISTOR		
Q8205	2SC2412K/QRS/-X	TRANSISTOR		
Q8205	or 2SD601A/QRS/-X	TRANSISTOR		
Q8205	or 2SC3928A/QRS/-X	TRANSISTOR		
Q8301	2SC2412K/QRS/-X	TRANSISTOR		
Q8301	or 2SD601A/QRS/-X	TRANSISTOR		
Q8301	or 2SC3928A/QRS/-X	TRANSISTOR		
Q8302	2SC2412K/QRS/-X	TRANSISTOR		
Q8302	or 2SD601A/QRS/-X	TRANSISTOR		
Q8302	or 2SC3928A/QRS/-X	TRANSISTOR		
D3002	1SS133-T2	SI DIODE		
D3002	or 1SS270A-T2	SI DIODE		
D3003	MTZJ39C-T2	Z DIODE		
D3004	10EDB20-T2	SI DIODE		
D3005	10EDB20-T2	SI DIODE		
D4001	DA204U-X	SI DIODE		
D4002	DA204U-X	SI DIODE		
D5001	D3SBA60	DIODE		
D5001	or GBJ4J	BRIDGE DIODE		
D5101	SARS01-T2	SI DIODE		
D5103	1F4G-T2	FR DIODE		
D5103	or 10ERB20-T2	FR DIODE		
D5103	or 1F4G-G-T2	FR DIODE		
D5104	1SS133-T2	SI DIODE		
D5104	or 1SS270A-T2	SI DIODE		
D5105	1F4G-T2	FR DIODE		
D5105	or 10ERB40-T2	FR DIODE		
D5105	or 1F4G-G-T2	FR DIODE		
D5106	1F4G-T2	FR DIODE		
D5106	or 10ERB20-T2	FR DIODE		
D5106	or 1F4G-G-T2	FR DIODE		
D5201	1F4G-T2	FR DIODE		
D5201	or 10ERB20-T2	FR DIODE		
D5201	or 1F4G-G-T2	FR DIODE		
D5202	1F4G-T2	FR DIODE		

△ Symbol No.	Part No.	Part Name	Description	Local
D5202	or 10ERB20-T2	FR DIODE		
D5202	or 1F4G-G-T2	FR DIODE		
D5203	RL2Z-LFB2	FR DIODE		
D5203	or UF202G-F26	FR DIODE		
D5204	RL2Z-LFB2	FR DIODE		
D5204	or UF202G-F26	FR DIODE		
D5205	RK34-LFB2	SB IODE		
D5206	RK34-LFB2	SB IODE		
D5207	1F4G-T2	FR DIODE		
D5207	or 10ERB20-T2	FR DIODE		
D5207	or 1F4G-G-T2	FR DIODE		
D5208	RK34-LFB2	SB IODE		
D5209	RK34-LFB2	SB IODE		
D5210	RK34-LFB2	SB IODE		
D5211	1F4G-T2	FR DIODE		
D5211	or 10ERB20-T2	FR DIODE		
D5211	or 1F4G-G-T2	FR DIODE		
D5214	RK34-LFB2	SB IODE		
D5301	MTZJ15C-T2	Z DIODE		
D5302	1SS133-T2	SI DIODE		
D5302	or 1SS270A-T2	SI DIODE		
D5303	MTZJ27C-T2	Z DIODE		
D5309	MTZJ5.6C-T2	Z DIODE		
D5310	1A3G-T2	SI DIODE		
D5310	or 10EDB20-T2	SI DIODE		
D5310	or 1G3-T2	SI DIODE		
D5314	1A3G-T2	SI DIODE		
D5314	or 10EDB20-T2	SI DIODE		
D5314	or 1G3-T2	SI DIODE		
D5315	MTZJ12B-T2	Z DIODE		
D5320	1S4-T2	SB DIODE		
D5320	or SBO40-T2	SB DIODE		
D6002	HZ30-2L-T2	Z DIODE		
D7304	1SS133-T2	SI DIODE		
D8001	MA8030/H/-X	Z DIODE		
D8001	or UDZS3.0B-X	Z DIODE		
△ PC5101	PS2581AL1/QW/	PHOTO COUPLER		
C3001	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C3011	QETL0JM-478	E CAPACITOR	4700uF 6.3V M	
C3020	QERF1CM-106Z	E CAPACITOR	10uF 16V M	
C3021	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C3024	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3029	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3030	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C3031	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C3032	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C3033	QAT3725-300Z	TRIM CAPACITOR	30pF TIMER CLOCK	
C3035	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C3037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3039	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3040	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C3041	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3042	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C4001	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4003	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4005	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4007	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4009	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4010	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4011	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4013	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C4014	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4017	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4019	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4021	QEKJ1CM-106Z	E CAPACITOR	10uF 16V M	
C4022	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4023	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4024	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4025	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4026	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4028	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4030	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4033	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C4036	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		C7308	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7309	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4044	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M		C7310	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4047	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C7311	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4065	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M		C7312	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4109	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M		C7313	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4110	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M		C7314	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4201	QEKJ0JM-227Z	E CAPACITOR	220uF 6.3V M		C7315	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C4202	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7316	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4203	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C7317	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4204	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C7318	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4205	NDC31HJ-180X	C CAPACITOR	18pF 50V J		C7319	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4206	NDC31HJ-220X	C CAPACITOR	22pF 50V J		C7330	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C4207	NCB31CK-563X	C CAPACITOR	0.056uF 16V K		C7331	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C4208	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M		C7332	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C4209	NCB31AK-224X	C CAPACITOR	0.22uF 10V K		C7333	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C4210	QEKJ0JM-227Z	E CAPACITOR	220uF 6.3V M		C7336	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C4216	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7340	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C4217	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C7341	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4218	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C7345	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
△ C5001	QFZ9075-683	MPP CAPACITOR	0.068uF AC275V M		C7346	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
△ C5002	QFZ9075-223	MPP CAPACITOR	0.022uF AC275V M		C7347	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C5003	QEZ0374-107	E CAPACITOR	100uF 400V M		C7350	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
△ C5004	QCZ9079-222	C CAPACITOR	2200pF AC250V M		C7351	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
△ C5005	QCZ9079-101	C CAPACITOR	100pF AC250V K		C7352	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C5102	QCZ0349-472Z	C CAPACITOR	SNUBBER		C7353	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C5103	QEZ0619-276Z	E CAPACITOR	27uF		C7357	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C5104	QCZ0136-471Z	C CAPACITOR	470pF 1kV K		C7359	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C5105	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J		C7365	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C5106	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7366	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C5107	NDC31HJ-121X	C CAPACITOR	120pF 50V J		C7367	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C5201	QEZ0562-227Z	E CAPACITOR	220uF 6.3V M		C7368	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C5202	QEZ0620-186Z	E CAPACITOR	18uF		C7371	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C5203	QEZ0701-128	E CAPACITOR	1200uF		C7388	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C5204	QEZ0701-128	E CAPACITOR	1200uF		C7390	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C5205	QEMT1AM-398	E CAPACITOR	3900uF 10V M		C8005	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C5207	QETN2AM-475Z	E CAPACITOR	4.7uF 100V M		C8007	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C5208	QEZ0700-158	E CAPACITOR	1500uF 10V K		C8008	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C5209	QEMT1AM-338	E CAPACITOR	3300uF 10V M		C8009	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C5210	QEZ0620-186Z	E CAPACITOR	18uF		C8010	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C5301	QFVF1HJ-154Z	MF CAPACITOR	0.15uF 50V J		C8011	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C5302	QFLC1HJ-333Z	M CAPACITOR	0.033uF 50V J		C8012	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C5304	QETN1CM-107Z	E CAPACITOR	100uF 16V M		C8014	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C5305	QETN1AM-107Z	E CAPACITOR	100uF 10V M		C8021	QERF1HM-475Z	E CAPACITOR	4.7uF 50V M	
C5307	QETN1AM-107Z	E CAPACITOR	100uF 10V M		C8022	QERF1HM-475Z	E CAPACITOR	4.7uF 50V M	
C5308	QETN1AM-107Z	E CAPACITOR	100uF 10V M		C8023	QERF0JM-107Z	E CAPACITOR	100uF 6.3V M	
C5309	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C8024	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5310	QETN1CM-107Z	E CAPACITOR	100uF 16V M		C8025	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C5312	QETN1AM-107Z	E CAPACITOR	100uF 10V M		C8026	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5313	NCB11AK-475X	C CAPACITOR	4.7uF 10V K		C8027	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	
C5314	NCB11AK-475X	C CAPACITOR	4.7uF 10V K		C8028	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5315	QETN1AM-477Z	E CAPACITOR	470uF 10V M		C8029	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5320	NCB31AK-105X	C CAPACITOR	1uF 10V K		C8201	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5322	NCB31AK-105X	C CAPACITOR	1uF 10V K		C8202	QETJ0JM-477Z	E CAPACITOR	470uF 6.3V M	
C5323	NCB31AK-105X	C CAPACITOR	1uF 10V K		C8203	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C5324	NCB31HK-471X	C CAPACITOR	470pF 50V K		C8204	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C5325	QETN1HM-226Z	E CAPACITOR	22uF 50V M		C8205	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C5328	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		C8206	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C5329	QETN1AM-227Z	E CAPACITOR	220uF 10V M		C8207	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C5330	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		C8208	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C5331	QETN1CM-477Z	E CAPACITOR	470uF 16V M		C8209	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5333	NCB21AK-105X	C CAPACITOR	1uF 10V K		C8210	QETJ1CM-107Z	E CAPACITOR	100uF 16V M	
C5334	NCB21AK-105X	C CAPACITOR	1uF 10V K		C8211	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5335	NCB21AK-105X	C CAPACITOR	1uF 10V K		C8212	QETJ1CM-107Z	E CAPACITOR	100uF 16V M	
C5336	NCB21AK-105X	C CAPACITOR	1uF 10V K		C8215	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C5351	QETN1CM-108Z	E CAPACITOR	1000uF 16V M		C8217	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C5352	NCB31AK-105X	C CAPACITOR	1uF 10V K		C8301	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
C5353	NCB11AK-106X	C CAPACITOR	10uF 10V K		C8302	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5354	NCB10JK-106X	C CAPACITOR	10uF 6.3V K		C8303	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C5355	NCB10JK-106X	C CAPACITOR	10uF 6.3V K		C8304	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C6012	QETJ1AM-227Z	E CAPACITOR	220uF 10V M		C8305	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C6014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C8306	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C6831	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M		C8307	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C6832	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M		C8308	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C7301	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C8311	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
C7302	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C8312	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7303	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C8313	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C7307	QEKJ0JM-226Z	E CAPACITOR	22uF 6.3V M		C8314	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	

△ Symbol No.	Part No.	Part Name	Description	Local
C8315	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8316	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8317	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8318	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8321	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
C8322	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8323	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
C8324	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8501	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
C8502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8503	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8504	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C8505	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C8506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3004	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3005	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3006	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3014	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3015	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3016	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3017	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3018	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3020	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3021	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3022	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3025	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3026	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3027	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3028	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3031	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3032	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3035	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3045	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3049	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3050	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3053	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3055	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3060	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3062	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3065	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3067	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3068	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3076	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3083	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R3084	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R3087	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3088	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3090	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3091	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3092	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3093	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3094	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3204	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local
R3205	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3206	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3207	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R3209	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3213	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R3214	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	
R3218	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3219	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3220	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R3221	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3222	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3223	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3224	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3225	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R3226	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3227	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3231	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3232	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3233	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3242	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
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 1/4W G	
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	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R5335	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R8036	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J	
R5336	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R8037	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J	
R5337	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R8038	QRE141J-151Y	C RESISTOR	150Ω 1/4W J	
R5341	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R8040	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R6020	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R8042	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R6021	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R8044	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R6030	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R8045	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R8201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6080	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R8202	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7301	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R8203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7302	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R8204	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7303	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J		R8205	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J	
R7304	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R8206	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7305	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R8211	NRSA63D-432X	MG RESISTOR	4.3kΩ 1/16W D	
R7309	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R8212	NRSA63D-432X	MG RESISTOR	4.3kΩ 1/16W D	
R7311	QRE141J-153Y	C RESISTOR	15kΩ 1/4W J		R8213	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R7312	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R8214	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R7314	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R8215	NRSA63D-121X	MG RESISTOR	120Ω 1/16W D	
R7317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R8216	NRSA63D-121X	MG RESISTOR	120Ω 1/16W D	
R7318	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D		R8217	NRSA63D-432X	MG RESISTOR	4.3kΩ 1/16W D	
R7319	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D		R8218	NRSA63D-432X	MG RESISTOR	4.3kΩ 1/16W D	
R7320	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D		R8219	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R7321	QRE141J-271Y	C RESISTOR	270Ω 1/4W J		R8220	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R7322	QRE141J-271Y	C RESISTOR	270Ω 1/4W J		R8221	NRSA63D-121X	MG RESISTOR	120Ω 1/16W D	
R7335	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R8222	NRSA63D-121X	MG RESISTOR	120Ω 1/16W D	
R7336	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R8223	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7337	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R8224	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7338	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R8233	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7339	QRE141J-101Y	C RESISTOR	100Ω 1/4W J		R8234	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7340	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R8241	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7341	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R8242	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7342	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R8244	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7343	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R8249	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7344	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D		R8250	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7345	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D		R8252	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7346	NRSA63D-680X	MG RESISTOR	68Ω 1/16W D		R8301	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R7347	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D		R8302	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R7348	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R8303	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7349	QRE121J-331Y	C RESISTOR	330Ω 1/2W J		R8304	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7350	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R8305	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7351	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R8306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7352	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R8307	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7353	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R8308	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7354	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R8310	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7355	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R8313	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7356	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R8315	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R7357	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J		R8316	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R7358	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J		R8321	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7359	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J		R8322	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7360	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R8323	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7361	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R8324	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R7362	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R8325	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7365	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R8326	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R7366	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R8501	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J	
R7367	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R8502	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R7368	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R8503	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R7378	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J		R8504	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R8001	NRSA63J-513X	MG RESISTOR	51kΩ 1/16W J		R8505	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R8002	NRSA63J-513X	MG RESISTOR	51kΩ 1/16W J		R8506	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R8007	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R8507	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R8008	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J						
R8013	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		L3001	QQL231J-R22Y	COIL	0.22uH J	
R8014	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		L4001	QQL29BJ-100Z	P COIL	10uH J	
R8015	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		L4002	QQL29BJ-100Z	P COIL	10uH J	
R8016	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		L4005	QQL29BJ-100Z	P COIL	10uH J	
R8017	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D		L4201	QQL29BJ-100Z	P COIL	10uH J	
R8019	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L5202	QQL26AK-330Z	COIL	33uH K	
R8020	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L5203	QQL26AK-330Z	COIL	33uH K	
R8021	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L5205	QQL26AK-330Z	COIL	33uH K	
R8022	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L5206	QQL26AK-330Z	COIL	33uH K	
R8023	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L6002	QQL29BK-1R0Z	P COIL	1uH K	
R8024	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L6003	QQL29BK-1R0Z	P COIL	1uH K	
R8026	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D		L6005	QQL231J-5R6Y	COIL	5.6uH J	
R8031	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D		L6701	QQL29BJ-220Z	P COIL	22uH J	
R8032	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D		L7302	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R8033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L7303	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R8034	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L7305	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R8035	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L7306	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	

△ Symbol No.	Part No.	Part Name	Description	Local
L7311	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
L7312	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
L8501	QQL071J-1R0Y	COIL	1uH J	
△ T5001	QQS0334-001	SW TRANSF		
CN3001	QGB1231M1-13	CONNECTOR	SW/DISPLAY	
CN3901	QGF1207C1-08	CONNECTOR	FOR FLASH	
CN4001	QGF1207C1-11	CONNECTOR	FRONT IN	
CN4101	QGB1231M1-15	CONNECTOR	DIGITAL	
CN4102	QGB1231M1-15	CONNECTOR	DIGITAL	
CN4103	QGF1040C1-19	CONNECTOR	PIN1-19	
△ CN5001	QGA7901C3-02	CONNECTOR	AC_IN	
CN5301	QGA2501C1-04	CONNECTOR	DVD LG	
CN5303	QGA2001C1-02	CONNECTOR	FAN	
CN5304	QGA2501C1-04	CONNECTOR	HDD	
CN5305	LPA20041-01A	D/D CONV P ASSY		
CN7451	QGA2001C1-04	CONNECTOR	G_LINK	
△ CP5302	QMFZ054-2R0X-J1	FUSE	2A	
△ F5001	QMF5AE2-1R6-J1	FUSE	1.6A AC250V	
FC5001	QNG0020-001Z	FUSE CLIP		
FC5002	QNG0020-001Z	FUSE CLIP		
GN1	QNZ0136-001Z	EARTH PLATE		
GN2	QNZ0136-001Z	EARTH PLATE		
GN3	QNZ0136-001Z	EARTH PLATE		
GN4	QNZ0136-001Z	EARTH PLATE		
GN5	QNZ0136-001Z	EARTH PLATE		
HS1	QZW0155-001	HEAT SINK		
J7301	QNZ0516-001	RGB CONNECTOR	AV1	
J7302	QNZ0516-001	RGB CONNECTOR	AV2	
J7304	QNN0701-001	PIN JACK	AUDIO OUT	
J7309	QNN0700-001	PIN JACK	COMPONENT	
J8501	QNN0347-001	SURROUND JACK	COAX	
K8501	NQR0227-004X	FERRITE BEADS		
△ LF5001	QQR0908-001	LINE FILTER		
ST5	QZW0007-001	POST PIN		
TU6001	QAU0401-001	TUNER		
W1	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W2	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W3	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W4	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W5	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W6	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W8	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W9	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W16	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W17	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W18	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W19	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W20	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W22	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W23	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W24	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W25	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W26	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W27	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W28	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W29	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W30	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W31	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W32	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W33	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W34	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W35	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W36	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W38	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W39	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W40	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W41	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W42	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W43	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W44	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W45	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W46	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W47	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W49	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W50	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W51	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W52	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local
W53	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W54	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
X3001	QAX0728-001	CRYSTAL	14.318180MHz	
X3002	QAX0445-001	CRYSTAL	32.768kHz	
X4201	QAX0849-001	CRYSTAL	4.433619MHz	
OT1	QYTDST3008ZA	TAP SCREW	FOR IC5101	

Demodulator board

Block No. [1][4]

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10292-01A	DEMODULATOR BOARD ASSY		
IC6701	MSP3417GQGB8V3X	IC		
D6701	1SS133-T2	SI DIODE		
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	
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	
W6701	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
X6701	QAX0773-001Z	CRYSTAL	18.432000MHz	
OT1	LP40425-001A	BRACKET(PWB)		

Operation board

Block No. [2][6]

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10281-04A3	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		

△ Symbol No.	Part No.	Part Name	Description	Local
D7101	1SS133-T2	SI DIODE		
D7101	or 1SS270A-T2	SI DIODE		
D7102	1SS133-T2	SI DIODE		
D7102	or 1SS270A-T2	SI DIODE		
D7103	SDPB3DC0/Z1/	LED	HDD LED	
D7104	SDPC3DC0	LED	DVD LED	
D7105	1SS133-T2	SI DIODE		
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)	
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	LPA10281-04A2	SWITCH/JACK BOARD ASSY		
D7113	1SS133-T2	SI DIODE		
D7113	or 1SS270A-T2	SI DIODE		
D7114	1SS133-T2	SI DIODE		
D7114	or 1SS270A-T2	SI DIODE		
D7115	1SS133-T2	SI DIODE		
D7115	or 1SS270A-T2	SI DIODE		
D7116	1SS133-T2	SI DIODE		
D7116	or 1SS270A-T2	SI DIODE		
D7117	1SS133-T2	SI DIODE		
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	LPA10281-04A1	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)		
HD1	LP31478-001A	LED HOLDER	FOR D7106	
OT2	LP41267-001A	SHRINK TUBE	FOR LED	

Jack board

Block No. [3][6]

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10281-04A4	JACK BOARD ASSY		
CN4204	QGB1231M1-09	CONNECTOR	DIGITAL	
GN4201	QNZ0136-001Z	EARTH PLATE	FOR ESD	
J4212	QNZ0675-001	D CONNECTOR	F-DV	
K4207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
KA4201	NQR0577-001X	NOISE FILTER		
KA4202	NQR0577-001X	NOISE FILTER		

Digital board

Block No. [5][0]

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10300-07C	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)		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
IC1401	DMN8652-B0L	IC(DIGITAL)			C1065	NCB20JM-475X	C CAPACITOR	4.7uF 6.3V M	
IC1404	SN74HCT08APW-X	IC			C1077	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
IC1601	HY5DU561622DT-J	IC			C1088	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
IC1602	HY5DU561622DT-J	IC			C1090	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
IC1603	HY5DU561622DT-J	IC			C1093	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
IC1604	HY5DU561622DT-J	IC			C1094	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
IC1701	BD3533F-X	IC			C1095	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
IC1801	TSB41AB1PAP	IC			C1097	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1001	2SA1530A/QR/-X	TRANSISTOR			C1098	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1001	or 2SA1037AK/QR/-X	TRANSISTOR			C1203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1001	or 2SB709A/QR/-X	TRANSISTOR			C1204	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
Q1002	2SA1530A/QR/-X	TRANSISTOR			C1206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1002	or 2SA1037AK/QR/-X	TRANSISTOR			C1207	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1002	or 2SB709A/QR/-X	TRANSISTOR			C1401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1003	2SA1530A/QR/-X	TRANSISTOR			C1403	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1003	or 2SA1037AK/QR/-X	TRANSISTOR			C1404	NEHM0JM-107X	E CAPACITOR	100uF 6.3V M	
Q1003	or 2SB709A/QR/-X	TRANSISTOR			C1408	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1006	2SA1530A/QR/-X	TRANSISTOR			C1411	NEHM0JM-107X	E CAPACITOR	100uF 6.3V M	
Q1006	or 2SA1037AK/QR/-X	TRANSISTOR			C1412	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1006	or 2SB709A/QR/-X	TRANSISTOR			C1413	NEHM0JM-107X	E CAPACITOR	100uF 6.3V M	
Q1008	BC847PN-X	PAIR TRANSISTOR			C1414	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1008	or UMZ1N-W	PAIR TRANSISTOR			C1415	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1008	or BC846PN-X	PAIR TRANSISTOR			C1417	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1009	2SC3928A/QRS/-X	TRANSISTOR			C1420	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
Q1009	or 2SC2412K/QRS/-X	TRANSISTOR			C1421	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1009	or 2SD601A/QRS/-X	TRANSISTOR			C1422	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1010	2SC3928A/QRS/-X	TRANSISTOR			C1424	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1010	or 2SC2412K/QRS/-X	TRANSISTOR			C1427	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
Q1010	or 2SD601A/QRS/-X	TRANSISTOR			C1428	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1011	2SC3928A/QRS/-X	TRANSISTOR			C1429	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1011	or 2SC2412K/QRS/-X	TRANSISTOR			C1430	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1011	or 2SD601A/QRS/-X	TRANSISTOR			C1435	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
D1001	1SS355-X	SI DIODE			C1436	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
D1001	or MA111-X	SI DIODE			C1438	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
D1401	1SS355-X	SI DIODE			C1439	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
D1401	or MA111-X	SI DIODE			C1444	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
D1402	1SS355-X	SI DIODE			C1445	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
D1402	or MA111-X	SI DIODE			C1446	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
D1403	1SS355-X	SI DIODE			C1447	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
D1403	or MA111-X	SI DIODE			C1448	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
D2101	SML-010LT-X	LED			C1452	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
D2101	or SML-010MT-X	LED			C1453	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
D2201	SML-010LT-X	LED			C1454	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
D2201	or SML-010MT-X	LED			C1455	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1001	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M		C1457	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1002	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C1459	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1460	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C1005	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1461	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C1007	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1462	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1009	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1464	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1010	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J		C1466	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1467	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1014	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1470	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1015	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1471	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1472	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1019	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C1473	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1026	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1474	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1601	NEX60GM-337X	E CAPACITOR	330uF 4V M	
C1033	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1606	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1034	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1607	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1035	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1608	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1036	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1609	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1041	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C1610	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1611	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1043	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1612	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1614	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1615	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1046	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1616	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1617	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1048	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1618	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1049	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1619	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1050	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C1620	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1051	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C1622	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1052	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1623	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1055	NDC31HJ-271X	C CAPACITOR	270pF 50V J		C1624	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
					C1625	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
					C1626	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
					C1627	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C1628	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1070	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
C1630	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1071	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D	
C1631	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C1632	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1225	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1633	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C1634	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1229	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C1635	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1230	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C1636	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C1641	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1401	NRSA63F-1181X	MG RESISTOR	1.18kΩ 1/16W F	
C1642	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C1643	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1404	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1644	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1405	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1645	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1407	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C1646	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1408	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1647	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1409	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1648	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1410	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1649	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1412	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1701	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1413	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1702	NEHM0JM-476X	E CAPACITOR	47uF 6.3V M		R1414	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1704	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1415	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1706	NBE20JM-476X	TA E CAPACITOR	47uF 6.3V M		R1417	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1707	NCB10JK-106X	C CAPACITOR	10uF 6.3V K		R1419	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1708	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1420	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1709	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		R1427	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1710	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1428	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1801	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		R1429	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1802	NDC31HJ-271X	C CAPACITOR	270pF 50V J		R1430	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1803	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		R1431	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1804	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1434	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1805	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1435	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1806	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		R1436	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1807	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1437	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C1808	NDC31HJ-120X	C CAPACITOR	12pF 50V J		R1438	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1809	NDC31HJ-120X	C CAPACITOR	12pF 50V J		R1439	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1810	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1440	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1811	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1441	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1812	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1443	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1813	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1448	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
C1814	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1453	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1815	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1455	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1816	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1457	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1001	NRSA63D-221X	MG RESISTOR	220Ω 1/16W D		R1458	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1465	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1467	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1469	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1007	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1470	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1009	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1472	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1016	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R1473	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1021	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D		R1474	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1022	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D		R1475	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1024	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D		R1476	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R1027	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		R1478	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1028	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D		R1479	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1480	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1031	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1481	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R1032	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1483	NRSA63J-621X	MG RESISTOR	620Ω 1/16W J	
R1033	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R1491	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1494	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1037	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D		R1495	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1601	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1040	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D		R1602	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1042	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1613	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1043	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D		R1614	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1046	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R1615	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1050	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R1616	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1051	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D		R1617	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1054	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D		R1618	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1056	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R1619	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1057	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		R1620	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1059	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R1621	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R1622	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1061	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R1623	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1064	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1624	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1625	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1067	NRSA63J-620X	MG RESISTOR	62Ω 1/16W J		R1626	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1068	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D		R1627	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1069	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D		R1628	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
					R1629	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R1630	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J		RA1622	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J	
R1631	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J		RA1623	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J	
R1632	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J		RA1624	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J	
R1653	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		RA1625	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J	
R1654	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		RA1626	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J	
R1655	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		RA1627	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J	
R1656	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		RA1628	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J	
R1657	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		RA1629	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J	
R1658	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		RA1630	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J	
R1659	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		RA1631	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J	
R1660	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		RA1632	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J	
R1801	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		RA1633	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J	
R1802	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		RA1634	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J	
R1803	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA1801	NRZ0087-103W	NET RESISTOR	10kΩ 1/16W J	
R1804	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA1802	NRZ0087-103W	NET RESISTOR	10kΩ 1/16W J	
R1807	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA2101	NRZ0087-330W	NET RESISTOR	33Ω 1/16W J	
R1809	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA2102	NRZ0087-330W	NET RESISTOR	33Ω 1/16W J	
R1810	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J		RA2103	NRZ0087-330W	NET RESISTOR	33Ω 1/16W J	
R1813	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J		RA2104	NRZ0087-330W	NET RESISTOR	33Ω 1/16W J	
R1814	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J		RA2208	NRZ0087-330W	NET RESISTOR	33Ω 1/16W J	
R1815	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J		RA2209	NRZ0087-330W	NET RESISTOR	33Ω 1/16W J	
R1816	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J		RA2210	NRZ0087-330W	NET RESISTOR	33Ω 1/16W J	
R1817	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J		RA2211	NRZ0087-330W	NET RESISTOR	33Ω 1/16W J	
R1818	NRSA63D-562X	MG RESISTOR	5.6kΩ 1/16W D		L1001	NQL085J-100X	COIL	10uH J	
R1819	NRSA63D-751X	MG RESISTOR	750Ω 1/16W D		T1801	NQR0568-005X	CHOKO COIL		
R1820	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN1101	QGB1231L2-15W	CONNECTOR	28PIN STR	
R1821	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CN1102	QGB1231L2-15W	CONNECTOR	20PIN STR	
R2101	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		CN1103	QGF1016C6-19W	CONNECTOR	FFC/FPC (1-19)	
R2102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN1403	QGF1016C6-04W	CONNECTOR	LOG	
R2103	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		CN1801	QGB1231L2-09W	CONNECTOR	B-B (1-9)	
R2104	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		CN2101	QGF0508C2-40W	CONNECTOR	HDD	
R2105	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J		CN2201	QGF0508C2-40W	CONNECTOR	F/T F_END	
R2106	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		K1001	NQR0022-002X	FERRITE BEADS		
R2107	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		K1002	NQR0022-002X	FERRITE BEADS		
R2108	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J		K1003	NQR0022-002X	FERRITE BEADS		
R2109	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		K1004	NQR0022-002X	FERRITE BEADS		
R2110	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J		K1005	NQR0022-002X	FERRITE BEADS		
R2111	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1006	NQR0022-002X	FERRITE BEADS		
R2112	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1007	NQR0022-002X	FERRITE BEADS		
R2113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1008	NQR0022-002X	FERRITE BEADS		
R2114	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1009	NQR0022-002X	FERRITE BEADS		
R2115	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1010	NQR0022-002X	FERRITE BEADS		
R2116	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		K1011	NQR0022-002X	FERRITE BEADS		
R2201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		K1012	NQR0022-002X	FERRITE BEADS		
R2202	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		K1013	NQR0022-002X	FERRITE BEADS		
R2203	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		K1014	NQR0022-002X	FERRITE BEADS		
R2204	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1015	NQR0022-002X	FERRITE BEADS		
R2205	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J		K1016	NQR0022-002X	FERRITE BEADS		
R2206	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		K1019	NQR0022-002X	FERRITE BEADS		
R2207	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		K1020	NQR0022-002X	FERRITE BEADS		
R2208	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J		K1021	NQR0022-002X	FERRITE BEADS		
R2209	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		K1022	NQR0022-002X	FERRITE BEADS		
R2210	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J		K1023	NQR0022-002X	FERRITE BEADS		
R2211	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1024	NQR0022-002X	FERRITE BEADS		
R2212	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1025	NQR0022-002X	FERRITE BEADS		
R2213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1026	NQR0022-002X	FERRITE BEADS		
R2214	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1027	NQR0022-002X	FERRITE BEADS		
R2215	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1029	NQR0022-002X	FERRITE BEADS		
R2216	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		K1030	NQR0022-002X	FERRITE BEADS		
RA1401	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1404	NQR0564-001X	FERRITE BEADS		
RA1402	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1406	NQR0564-001X	FERRITE BEADS		
RA1403	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1701	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
RA1404	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1702	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
RA1405	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1801	NQR0564-001X	FERRITE BEADS		
RA1406	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K1803	NQR0564-001X	FERRITE BEADS		
RA1609	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K2101	NQR0022-002X	FERRITE BEADS		
RA1610	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K2102	NQR0022-002X	FERRITE BEADS		
RA1611	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K2103	NQR0022-002X	FERRITE BEADS		
RA1612	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K2104	NQR0022-002X	FERRITE BEADS		
RA1613	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K2105	NQR0022-002X	FERRITE BEADS		
RA1614	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K2106	NQR0022-002X	FERRITE BEADS		
RA1615	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K2107	NQR0022-002X	FERRITE BEADS		
RA1616	NRZ0087-220W	NET RESISTOR	22Ω 1/15W J		K2108	NQR0022-002X	FERRITE BEADS		
RA1617	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K2109	NQR0022-002X	FERRITE BEADS		
RA1618	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K2110	NQR0022-002X	FERRITE BEADS		
RA1619	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J		K2111	NQR0022-002X	FERRITE BEADS		
RA1620	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J						
RA1621	NRZ0087-101W	NET RESISTOR	100Ω 1/15W J						

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
K2112	NQR0022-002X	FERRITE BEADS			R4401	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K2113	NQR0022-002X	FERRITE BEADS			R4402	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
K2114	NQR0022-002X	FERRITE BEADS			R4403	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
K2115	NQR0022-002X	FERRITE BEADS			R4404	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
K2116	NQR0022-002X	FERRITE BEADS			R4405	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
K2117	NQR0022-002X	FERRITE BEADS			R4411	NRSA63D-204X	MG RESISTOR	200kΩ 1/16W D	
K2118	NQR0022-002X	FERRITE BEADS			R4412	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
K2119	NQR0022-002X	FERRITE BEADS			R4413	NRSA63D-753X	MG RESISTOR	75kΩ 1/16W D	
K2120	NQR0022-002X	FERRITE BEADS			R4414	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	
K2121	NQR0022-002X	FERRITE BEADS			R4415	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
K2201	NQR0022-002X	FERRITE BEADS			R4416	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
K2202	NQR0022-002X	FERRITE BEADS			R4417	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
K2203	NQR0022-002X	FERRITE BEADS			R4418	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
K2204	NQR0022-002X	FERRITE BEADS			R4419	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
K2205	NQR0022-002X	FERRITE BEADS			R4420	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
K2206	NQR0022-002X	FERRITE BEADS							
K2207	NQR0022-002X	FERRITE BEADS			CN4402	QGG2502K1-12	CONNECTOR	(1-12)	
K2208	NQR0022-002X	FERRITE BEADS			OT1	LP40425-001A	BRACKET(PWB)		
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							
X1402	NAX0768-001X	CRYSTAL	13.5MHz						
X1801	NAX0666-001X	CRYSTAL	24.576000MHz						
OT1	QQR1624-001	FERRITE PLATE							

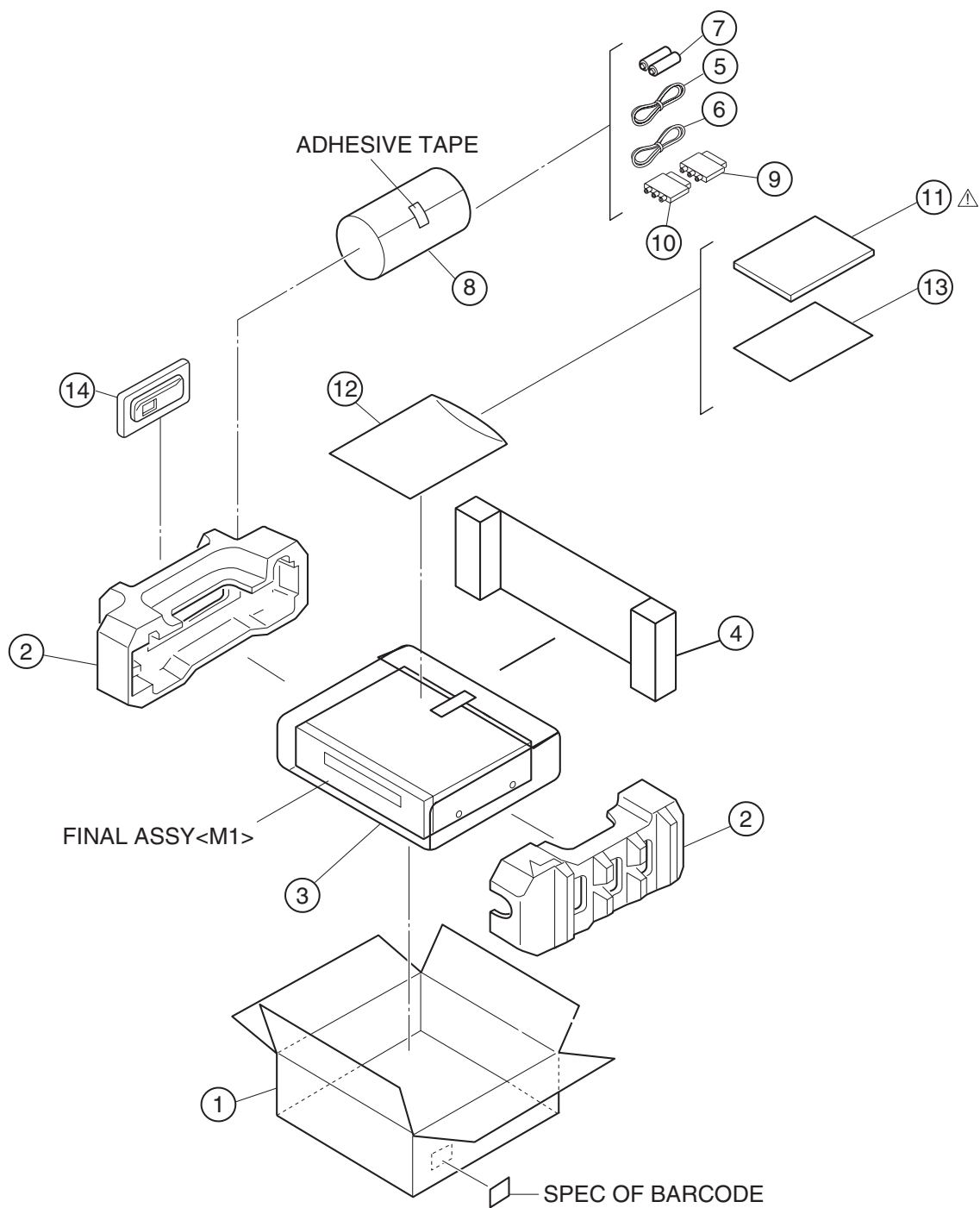
RGB_YC Converter board

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	

Packing materials and accessories parts list

Block No.M2MM



Packing and accessories

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

△ Symbol No.	Part No.	Part Name	Description	Local
1	LP31508-004A	PACKING CASE		
2	LP31494-001B	CUSHION ASSY		
3	QPC06005515P	POLY BAG	60cm x 55cm	
4	LP31399-003A	SHEET ASSY		
5	QAM0503-002	RF CABLE		
6	QAM0522-001	A/V CABLE		
7	-----	BATTERY	R6TYPE(x2)	
8	QPC02202230P	POLY BAG	ACCESSORY	
9	QAM0092-001	ADAPTOR PLUG	INPUT	
10	QAM0865-001	ADAPTOR PLUG		
△ 11	LPT1062-001A	INST.BOOK	(ENGLISH)	
12	QPC02503530P	POLY BAG	INST	
13	-----	WARRANTY CARD	BT-56012-1	
14	RM-SDR034A	REMOCON UNIT		