

2014 May.

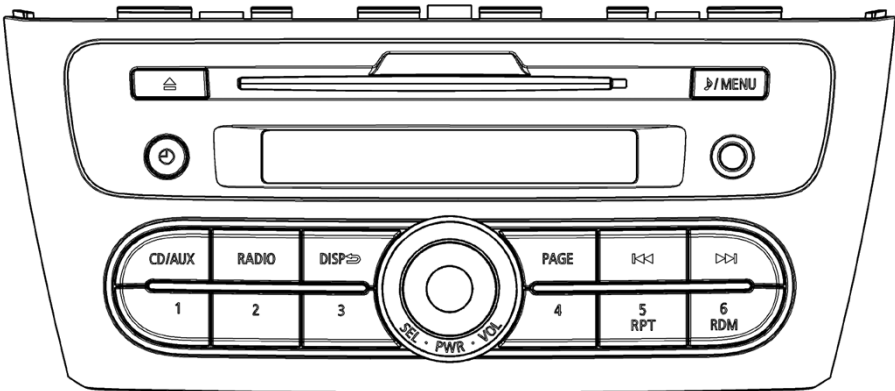
MITSUBISHI MOTORS

SERVICE MANUAL

USB, AM / FM-ST ELECTRONIC TUNING RADIO, CD PLAYER

CONTENTS

- FEATURES2
- SPECIFICATIONS3
- OPERATION4
- CONNECTORS5
- SYSTEM CONFIGURATION6
- BLOCK DIAGRAM7
- DISASSEMBLING PROCEDURES 8~13
- PARTS LIST14
- ELECTRICAL PARTS LIST 15~21
- PARTS LAYOUT ON PRINTED CIRCUIT BOARD 22~25
- SCHEMATIC DIAGRAM
 - PCB-MAIN26,27
 - PCB-PANEL28
- VOLTAGE29
- WAVEFORM 30~32



 Solder

Model : **DY-1MU3E21-T**

MELCO Code : **34W824**

PART No. : **8701A368**

MITSUBISHI ELECTRIC CORP. SANDA WORKS

FEATURES

< Audio Part >

- Built-in high-power 4-ch amplifier. (Supporting 4Ω load)
- Bass, Treble, Fader and Balance control with audio control buttons.
- Volume level control with up/down button.
(BASS, TREBLE : ±6step / FADER, BALANCE : ±11step)
- Auto loudness to change frequency characteristics in response to volume levels.
- Controlling tone control amount of BASS / TREBLE at maximum volume level.

< Radio Part >

- Memory/call operation with preset memory buttons.
(FM1, FM2, AM : A maximum of 6 stations respectively)

< CD Part >

- Powered loading and ejecting function.
- Dropout recovery function to return to previous playback point upon dropout or error.
- Laser pickup high-temperature protecting function to terminate playback when ambient temperature rises.
- Track selecting function to enable instant random access to songs.
- Any Time Eject.
(Allowing disk eject (powered eject) in all modes including ACC OFF.)
- RELOAD function. (Avoid keeping disk ejection status.)
- Title display function.
- Supporting 12-cm CD only. (Not supporting 8-cm CD)
- Supporting mp3. (MPEG1 AUDIO LAYER3, MPEG2 AUDIO LAYER3)

[CD-DA]

- Repeat play. (One-song repeat function and disk repeat function)
- Random play function. (Random play in disk)
- Fast forward/Rewind function.

[MP3]

- Repeat play function. (One-song repeat in folder)
- Random play function. (Random play in folder, random play in all folders of disk)
- Fast forward/Rewind function.

< USB Part >

- 1) Playback of compressed and non-compressed audio files in USB mass storage.
 - USB2.0 Full-speed compatible.
 - MP3/WMA/AAC playback.
 - File information acquisition.
 - Bus power supported.
- 2) iPod control/playback by USB connection.
 - USB2.0 Full-speed compatible.
 - Supporting iPod control.
 - Playback of audio files in iPod.
 - Supporting iPod charger by bus power.

Compatible USB device

USB device	Flash Memory	DAP	HDD	Card reader	CD/DVD /FDD	HUB	iPod
Compatible	O (*1)	O (*2)	△ (*3)	△ (*4)	X	X	O

The following table shows an example of compatible USB devices:

Compatible = O : Playable (recommended)

Compatible = △ : Playable (not recommended)

Compatible = X : Not playable

(*1) : Compatible with 256MByte or larger memory.

Compatible with 128MByte memory in FAT16 format only.

Not compatible with HUB class memory.

(*2) : Compatible with mass-storage class supporting digital audio player (DAP).

Sub class: SCSI, Protocol: Not compatible except for Bulk-Only.

Not compatible with devices supporting MTP only.

(*3) : May not be playable depending on driving voltage or power consumption of device.

(*4) : May not be playable depending on specifications of card reader or memory card.

< Others >

- Clock function 12-hour indication.
- Generates operating tone for confirmation using hold-down button.
- Setting test mode for speaker wiring connection diagnosis (oscillating tone output) and distortion tone check in vehicle assembly lines.
- Stereo AUX input front terminal provided.
- Power shutoff operation by holding down center encoder key.
- BT-HFM connection function.

< AM Radio >

- Frequency Range : 530~1710kHz (10kHz step)
- Practical Sensitivity : Less than 34dBμV
- Signal/Noise Ratio : More than 45dB
(60dBμV)

< FM Stereo Radio >

- Frequency Range : 87.75~107.9MHz (200kHz step)
- Limiting Sensitivity : Less than 10dBμV
- Signal/Noise Ratio : More than 55dB
(40dBμV)

< CD Player >

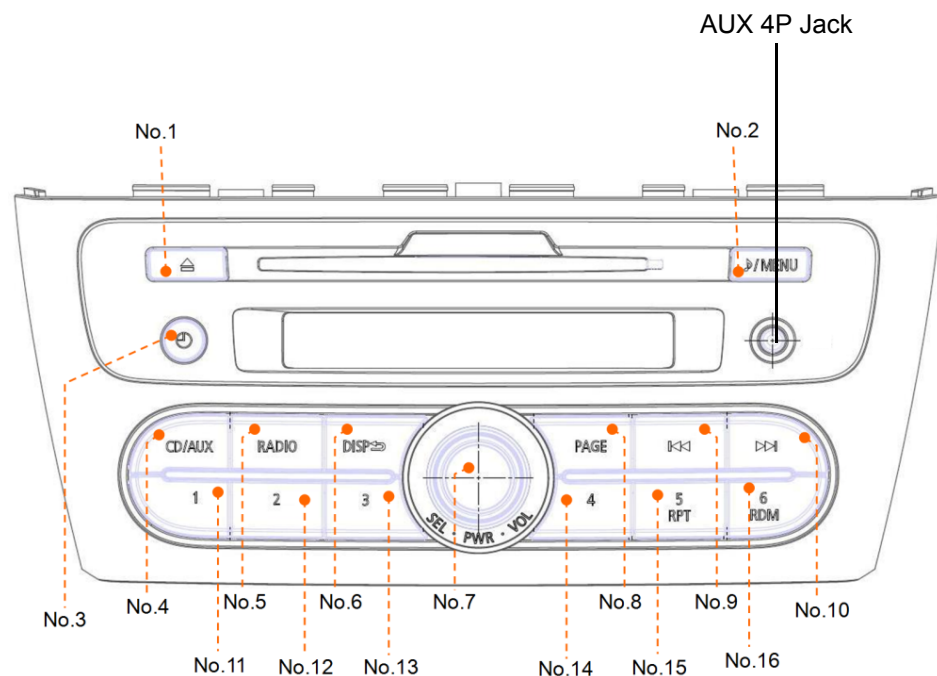
- Dynamic Range : More than 65dB
- Signal/Noise Ratio : More than 65dB
- Channel Separation : More than 55dB (1kHz)

< USB Interface >

- Dynamic Range : More than 65dB
- Signal/Noise Ratio : More than 65dB
- Channel Separation : More than 55dB (1kHz)

< Others >

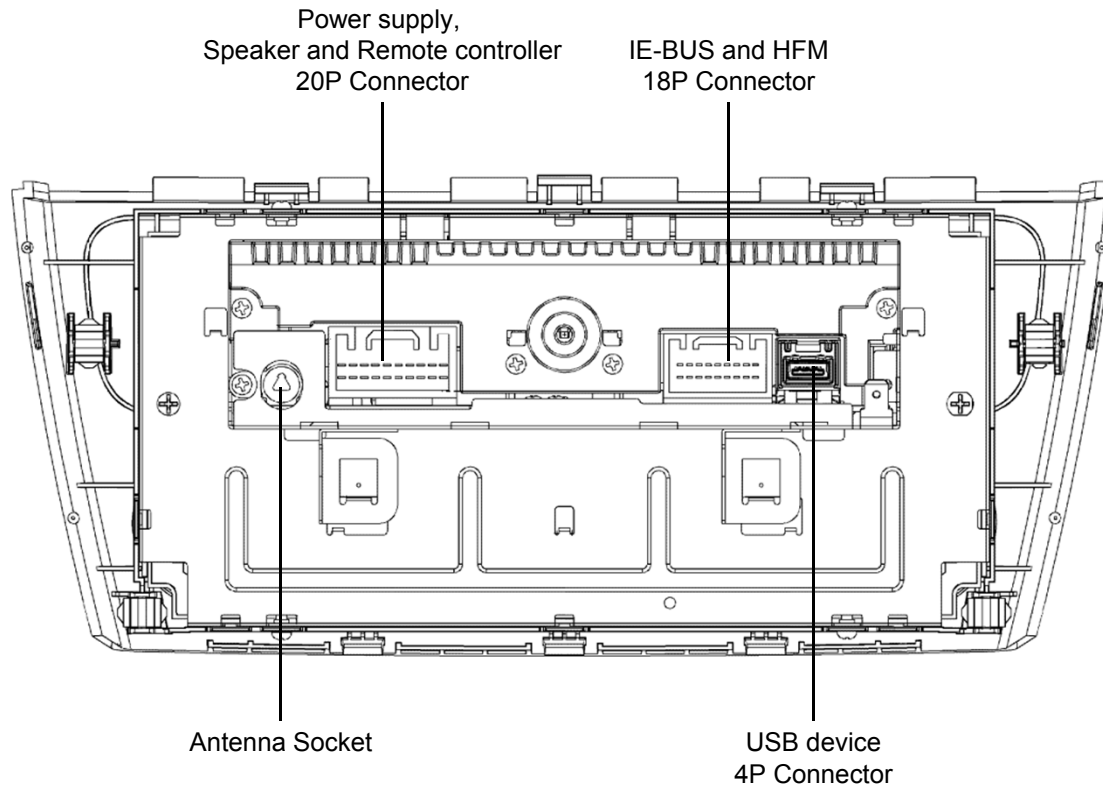
- Power Supply : DC 13.2V (10~16V)
Test Voltage 13.2V
Negative ground
- Backup Current : Less than 1.6mA
- Current Consumption : typ. 2.5A
(CD1kHz 0dB Output 1W : Ta=25°C
The apparatus of USB is not connected.)
- Maximum Power Output : 35W x 4
- Output Impedance : 4Ω (SP Output)
- Working Temperature Range
CD : -20°C ~ +70°C
RADIO, Other modes : -30°C ~ +70°C
- Storage Temperature Range : -40°C ~ +80°C
- Dimensions (W x D x H) : 293.0mm x 121.9mm x 188.9mm
- Weight : 1.65kg



The following table summarizes functions of keys in each operation mode:

No	Key print	Radio	CD	USB/iPod/ USB(Playlist)	BT-A	AUX
1.		CD eject key	CD eject key	CD eject key	CD eject key	CD eject key
2.		▶ Audio control key ▶ MENU key	▶ Audio control key ▶ MENU key	▶ Audio control key ▶ MENU key	▶ Audio control key ▶ MENU key	▶ Audio control key ▶ MENU key
3.		Clock key	Clock key	Clock key	Clock key	Clock key
4.		CD/USB (iPod)/BT-A/ AUX switching key	CD/USB (iPod)/BT-A/ AUX switching key	CD/USB (iPod)/BT-A/ AUX switching key	CD/USB (iPod)/BT-A/ AUX switching key	CD/USB (iPod)/BT-A/ AUX switching key
5.		Band switching key	Radio key	Radio key	Radio key	Radio key
6.		-	▶ Text display switch key ▶ Return key (In MP3 tracks serch)	▶ Text display switch key ▶ Return key (In tracks serch)	Text display switch key	-
7.		▶ Power key ▶ Volume control knob	▶ Power key ▶ Volume control knob ▶ Track search key (in MP3 mode) ▶ Selection up/down key (In MP3 track search) ▶ Selection confirmation key (In MP3 track search)	▶ Power key ▶ Volume control knob ▶ Track search key ▶ Selection up/down key (In track search) ▶ Selection confirmation key (in track search mode)	▶ Power key ▶ Volume control knob	▶ Power key ▶ Volume control knob
8.		-	Page feed key	Page feed key	Page feed key	-
9.		▶ Tuning key ▶ Function selection down key (Audio/Clock adjustment/ MENU mode)	▶ Track selection down key (CD-DA) ▶ File selection down key (MP3) ▶ Rewind key ▶ Function selection down key (In audio/Clock adjustment/MENU mode)	▶ File selection down key (USB) ▶ Song selection down key (iPod) ▶ Rewind key ▶ Function selection down key (In audio/Clock adjustment/MENU mode)	▶ Track selection down key ▶ Rewind key ▶ Function selection down key (In audio/Clock adjustment/MENU mode)	▶ Function selection down key (In audio/Clock adjustment/MENU mode)
10.		▶ Tuning key ▶ Function selection up key (Audio/Clock adjustment/ MENU mode)	▶ Track selection up key (CD-DA) ▶ File selection up key (MP3) ▶ Fast forward key ▶ Function selection up key (In audio/Clock adjustment/MENU mode) ▶ Selection confirmation key (In MP3 track search)	▶ File selection up key (USB) ▶ Song selection up key (iPod) ▶ Fast forward key ▶ Function selection up key (In audio/Clock adjustment/MENU mode) ▶ Selection confirmation key (In track search)	▶ Track selection up key ▶ Fast forward key ▶ Function selection up key (In audio/Clock adjustment/MENU mode)	▶ Function selection up key (In audio/Clock adjustment/MENU mode)
11.		Preset key ch 1	-	-	-	-
12.		Preset key ch 2	-	-	-	-
13.		Preset key ch 3	-	-	Play/Pause key	-
14.		Preset key ch 4	-	-	Stop key	-
15.		Preset key ch 5	Repeat key	Repeat key	Repeat key	-
16.		Preset key ch 6	Random key	Random key (Shuffle key in iPod mode)	Random key	-

CONNECTORS

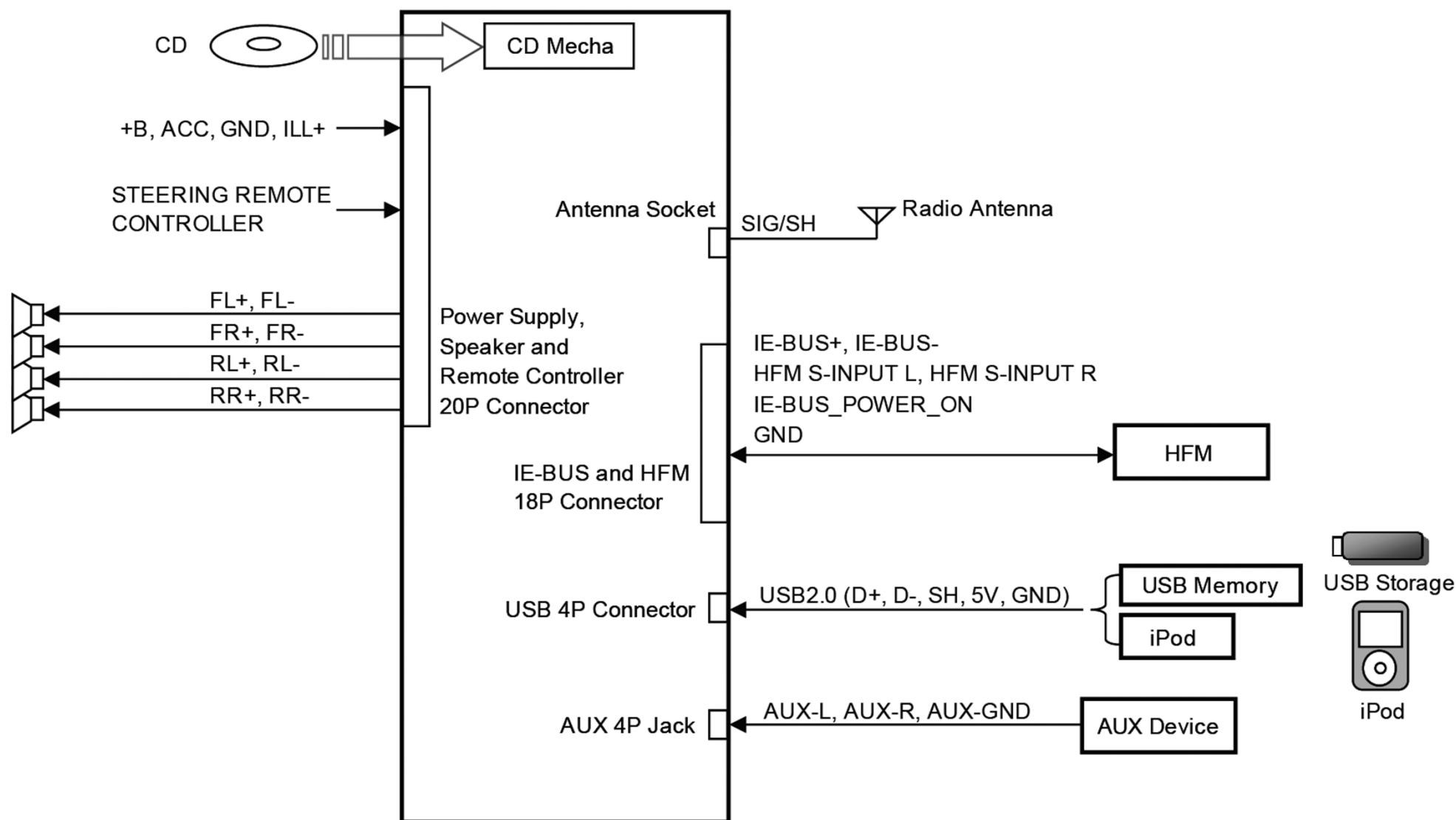


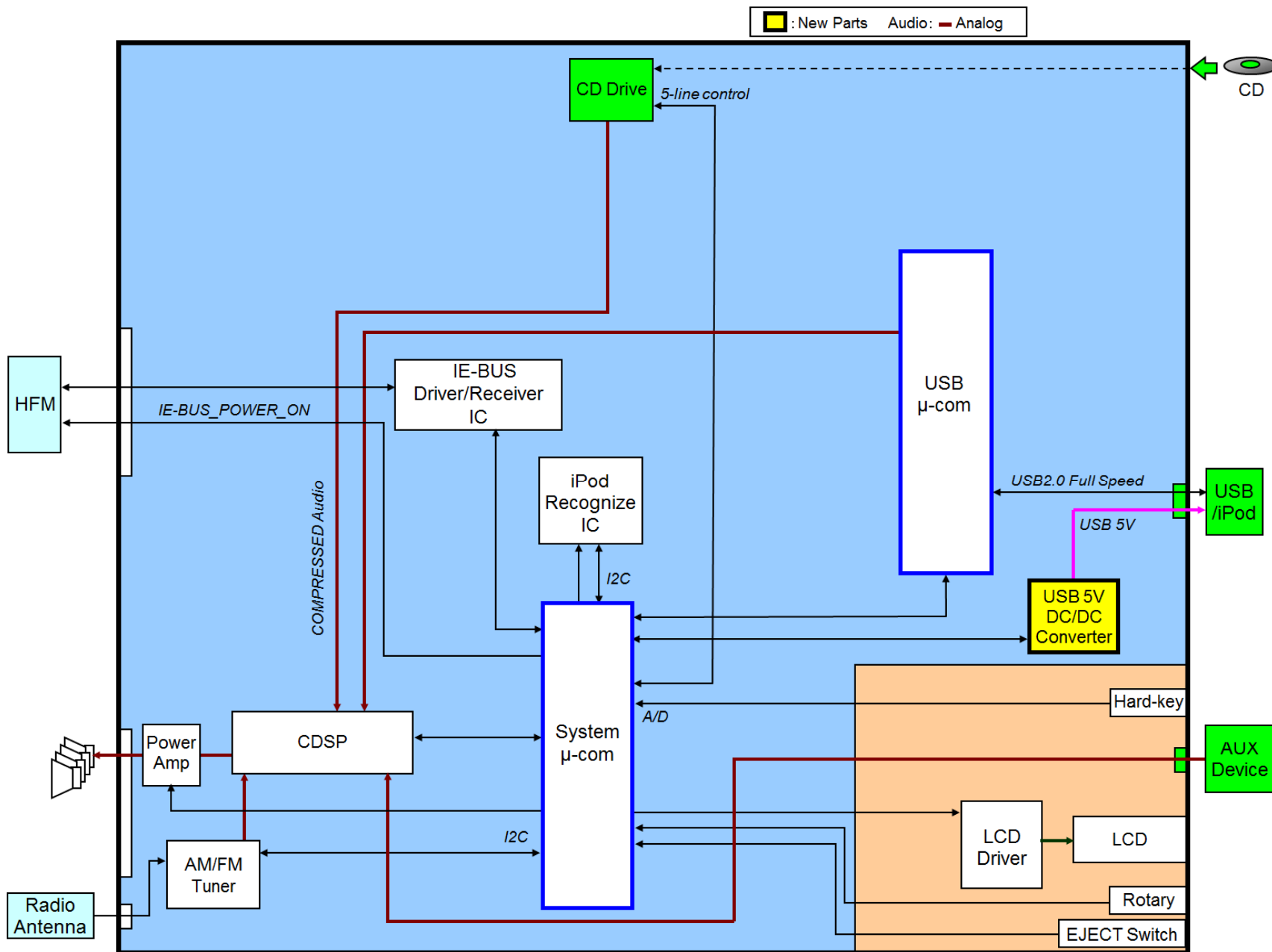
USB device 4P Connector	PinNo.	Signal Name
	1	USB VBUS
	2	USB DATA -
	3	USB DATA +
	4	USB GND
	SH	USB SH

AUX 4P Jack (Panel side)	PinNo.	Signal Name
	1	-
	2	AUX-GND
	3	AUX-R
	4	AUX-L

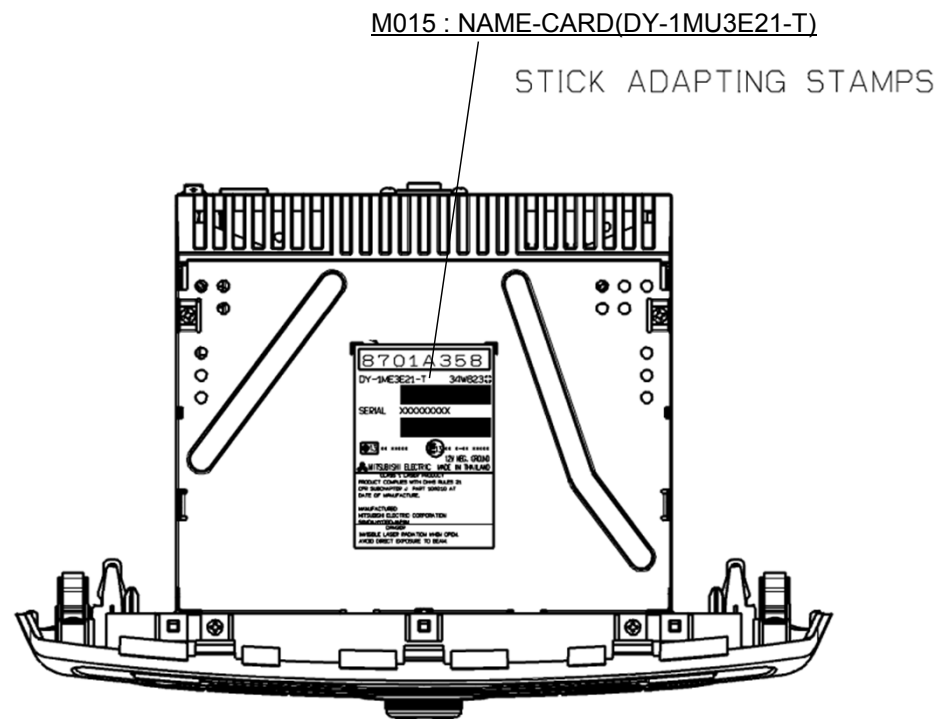
Power supply, Speaker and Remote controller 20P Connector			
PinNo.	Signal Name	PinNo.	Signal Name
1	BATTERY (+)	11	POWER GND
2	ILLUMINATION (+)	12	ILLUMINATION (-)
3	SPEAKER FL (+)	13	SPEAKER FL (-)
4	SPEAKER RL (+)	14	SPEAKER RL (-)
5	SPEAKER FR (+)	15	SPEAKER FR (-)
6	SPEAKER RR (+)	16	SPEAKER RR (-)
7	-	17	ANTENNA +B
8	-	18	-
9	REMOCON	19	REMOCON GND
10	ACCESSORY (+)	20	VEHICLE SPEED PULSE

IE-BUS and HFM 18P Connector			
PinNo.	Signal Name	PinNo.	Signal Name
1	IE-BUS(+)	10	IE-BUS (-)
2	IE-BUS POWER ON	11	IE-BUS SHIELD GND
3	-	12	-
4	-	13	-
5	-	14	-
6	HFM S-INPUT LEFT	15	-
7	HFM S-INPUT RIGHT	16	HFM S-INPUT GND
8	-	17	HFM SHIELD GND
9	-	18	-





*It is assembling procedure. Disassembling procedure is in reverse.



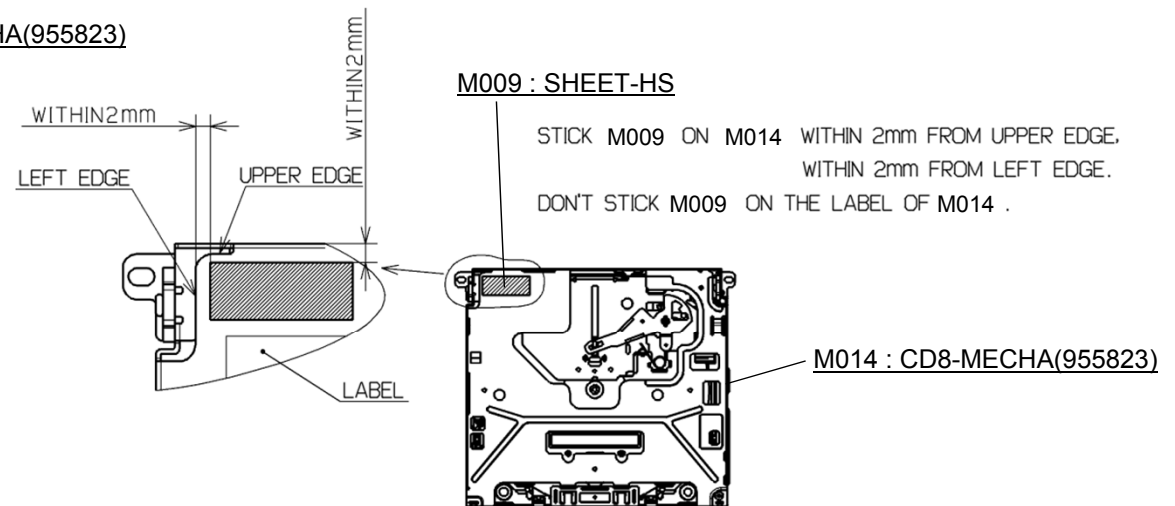
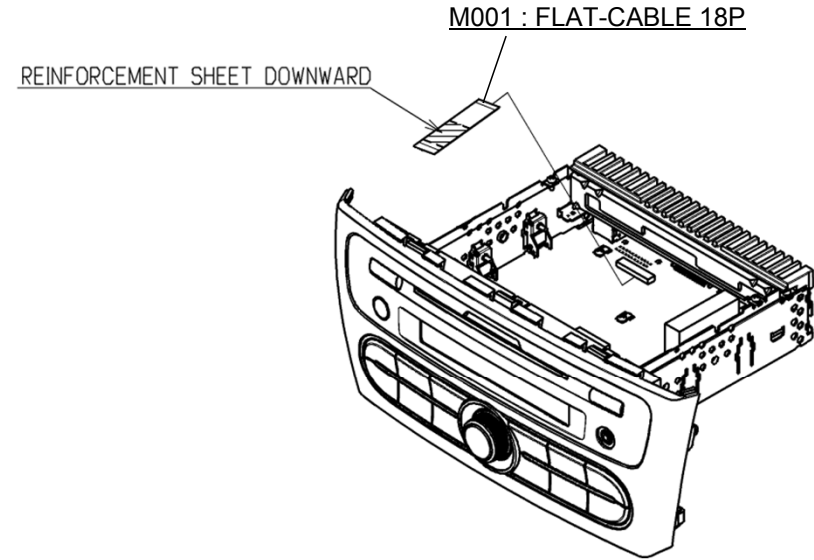
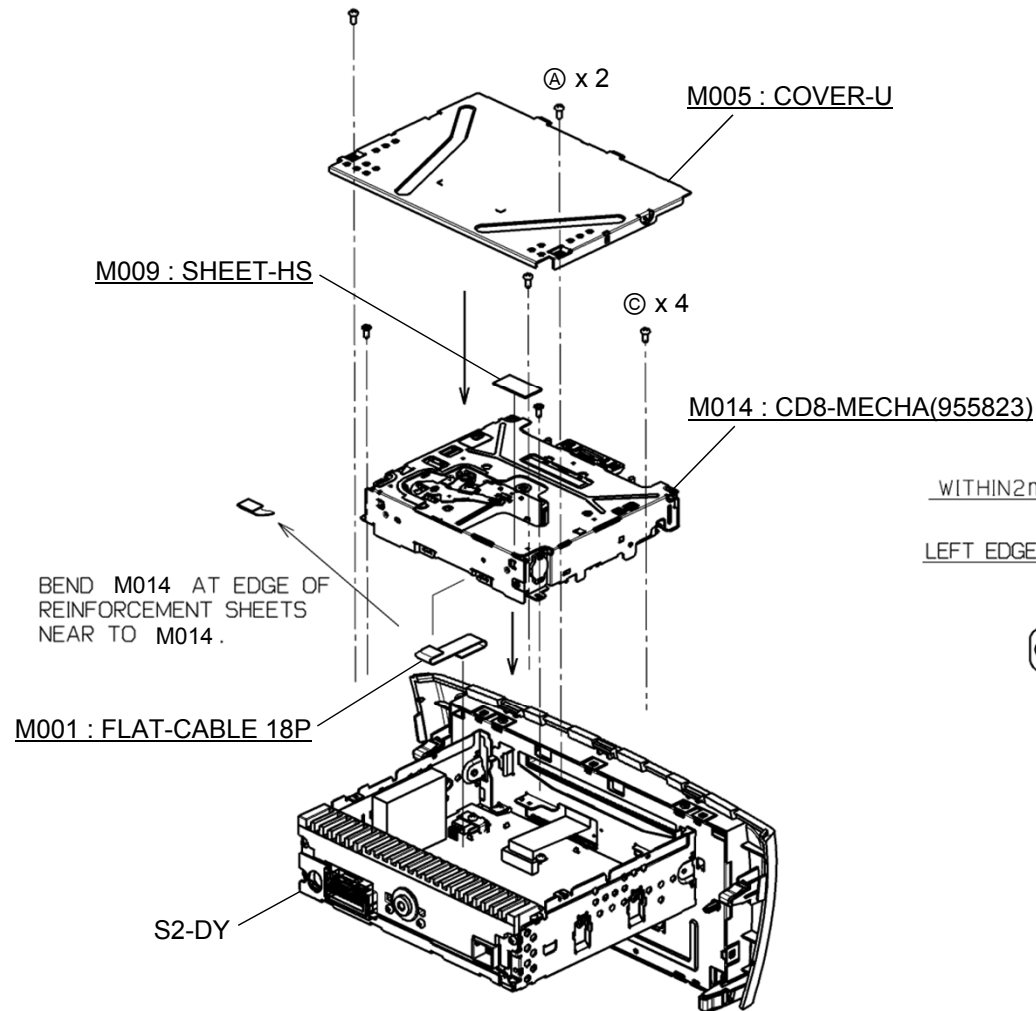
DISASSEMBLING PROCEDURES

Disassembling procedures

In reverse of assembling procedures.

Assembling procedures

1. Lock connector after inserting M001 to the connector of S2-DY as figure below.
Then insert reverse side to M001 and lock the connector.
2. Screw M014 and S2-DY with ©. (4 places)
3. Stick M009 on M014. (Follow lower right figure)
4. Insert 2 tabs of M005 to the rectangle hole of S2-DY,
and fit tabs on the 2 sides of M005, the screw M005 with Ⓐ.



No.	Screw	Tighten torque(N·m)
Ⓐ	3X6	0.8 +0.2/-0.1
©	2.6X6S	0.6 +0.2/-0.1

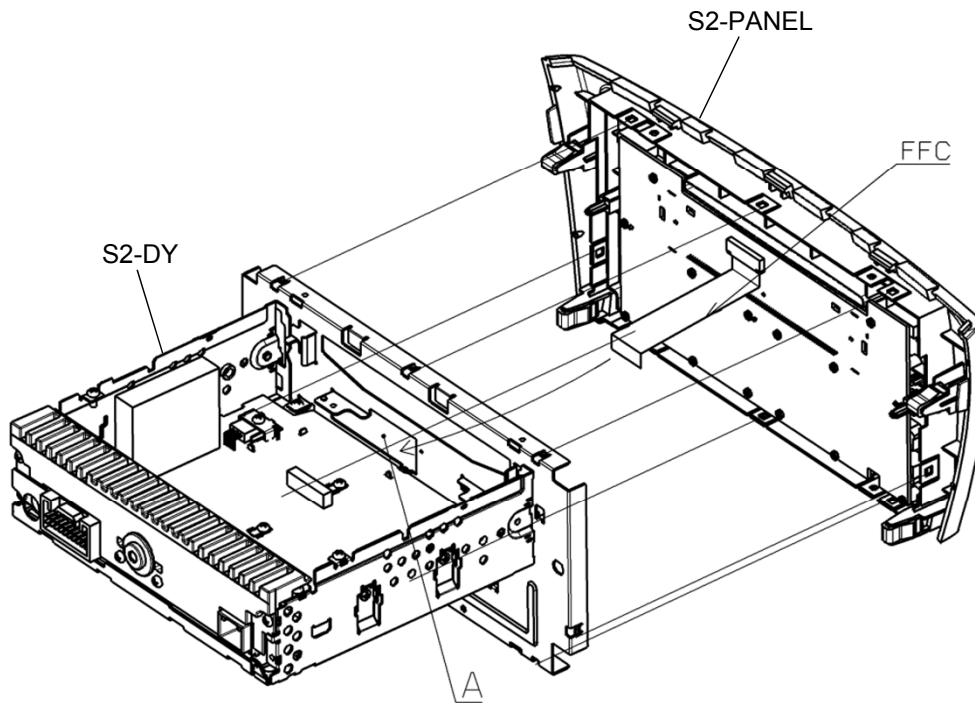
DISASSEMBLING PROCEDURES

Disassembling procedures

In reverse of assembling procedures.

Assembling procedures

1. Fit tab of S2-DY on S2-PANEL. (8 places)
*Then, put FFC through A.
2. Lock FFC after screw S2-DY and S2-PANEL with ©. (4 places)
*FFC locked after bend standard of reinforcement sheet.
(Follow FIGURE 1)



No.	Screw	Tighten torque(N· m)
©	2.6X6S	0.6 +0.2/-0.1

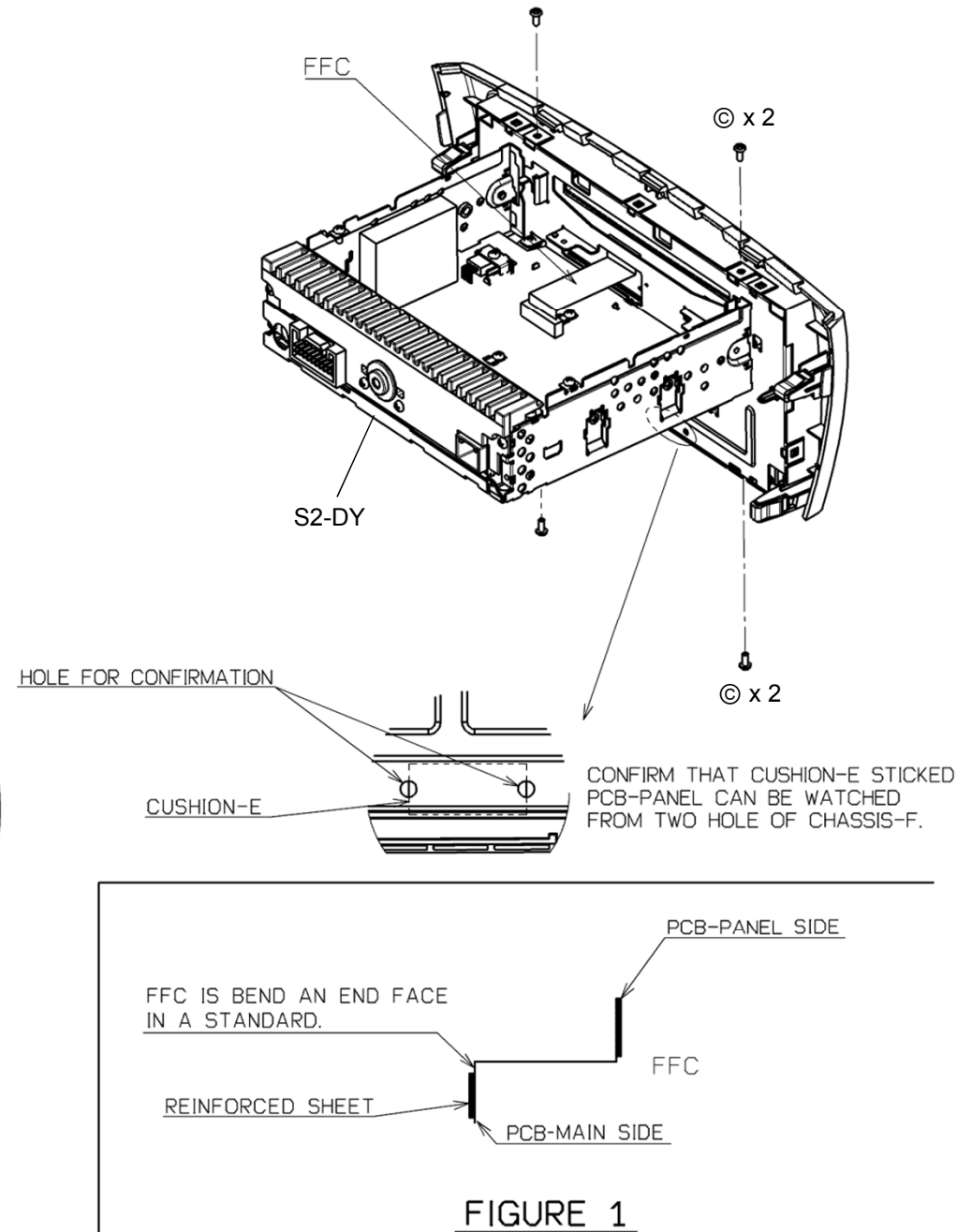


FIGURE 1

DISASSEMBLING PROCEDURES

Disassembling procedures

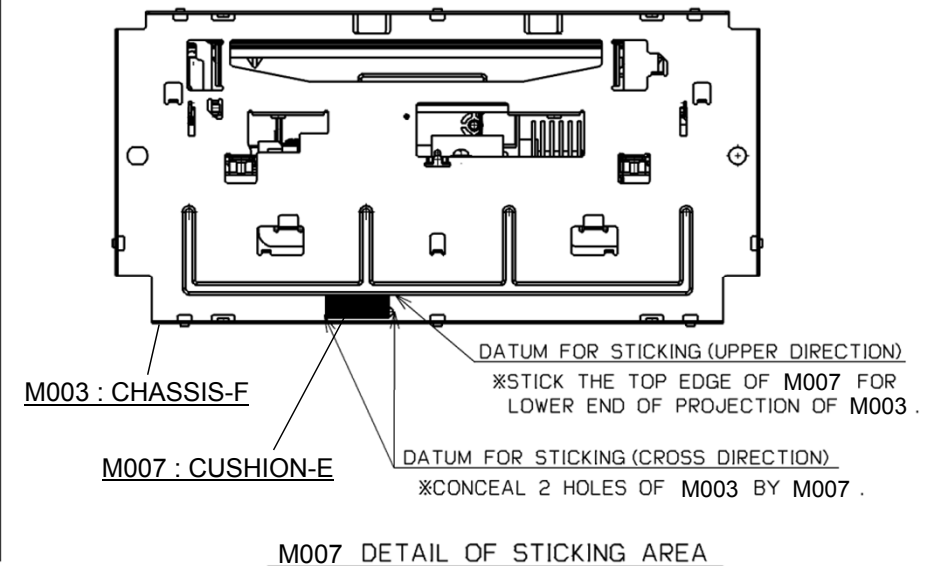
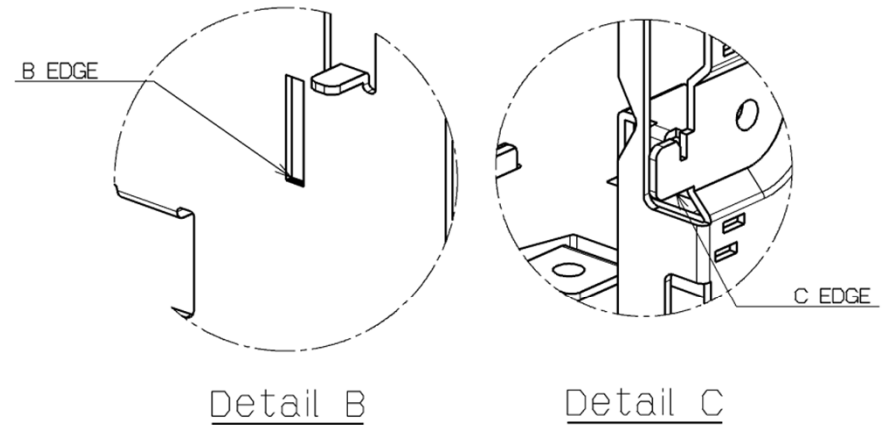
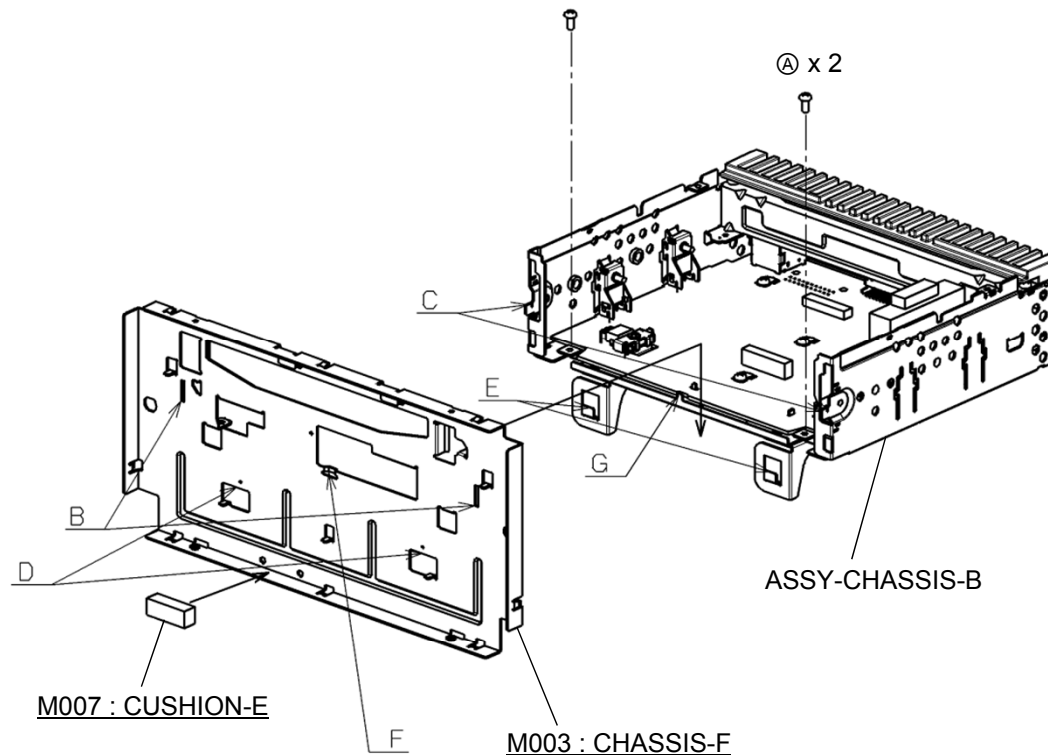
In reverse of assembling procedures.

Assembling procedures

1. Fit tabs on 2 sides of M003 on ASSY-CHASSIS-B and screw ASSY-CHASSIS-B and M003 with ①.

*After contact the end face of the C on ASSY-CHASSIS-B in end face of B on M003 as fit B and C, D and E, F and G, slide M003 direction of the ground.
(Follow the right figure)

2. Stick M007 for M003. (Follow the detail)



No.	Screw	Tighten torque(N· m)
①	3X6	0.8 +0.2/-0.1

DISASSEMBLING PROCEDURES

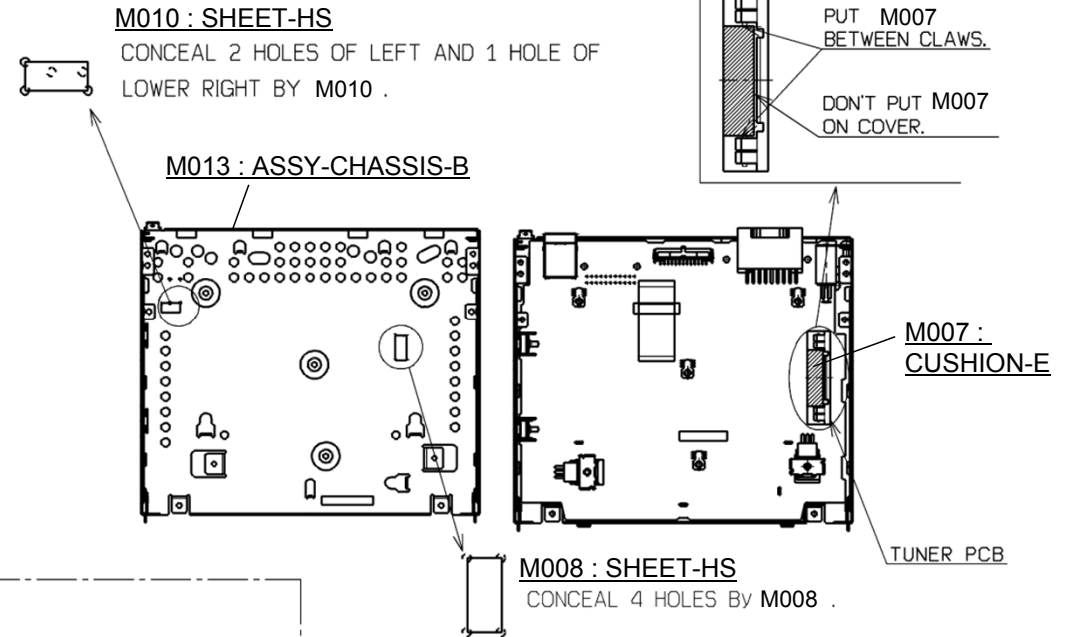
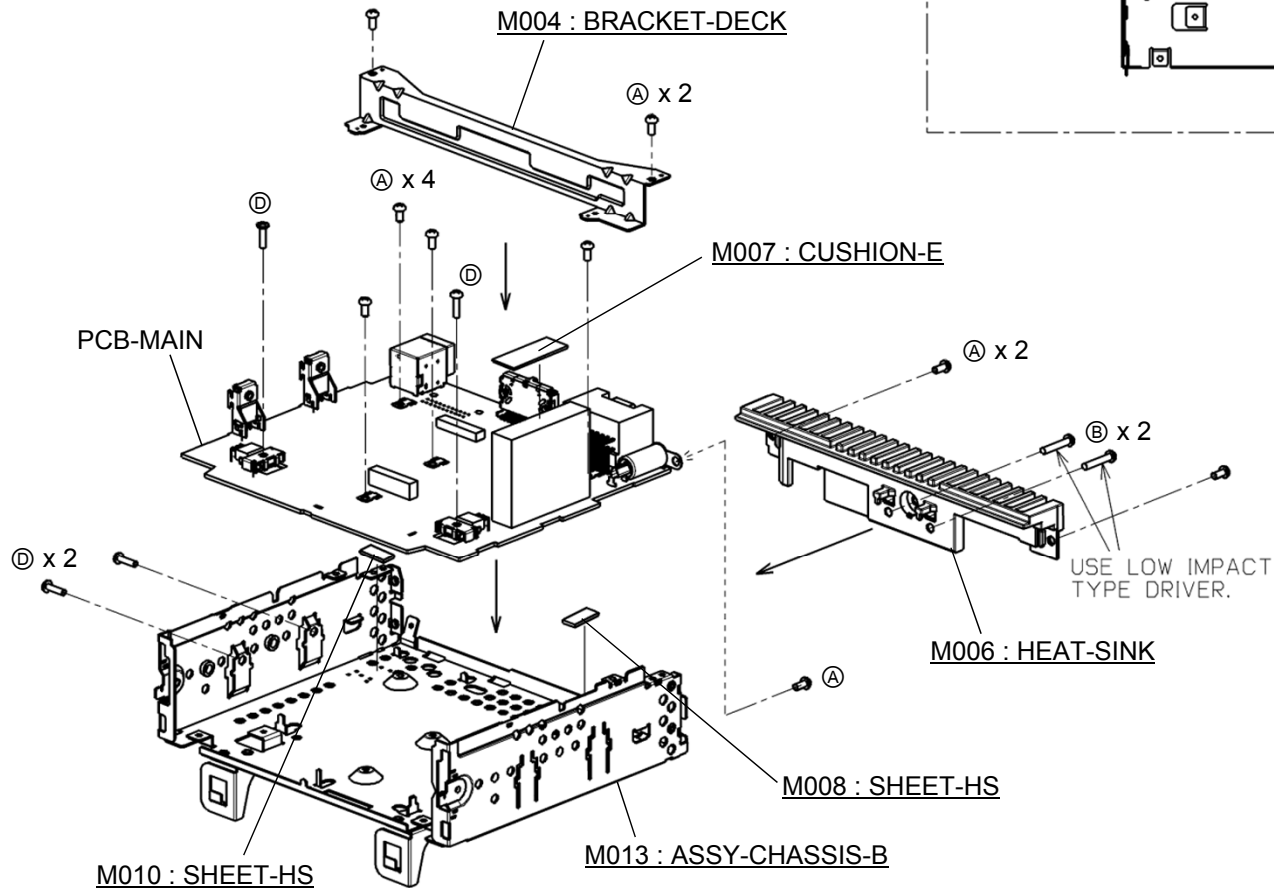
Disassembling procedures

In reverse of assembling procedures.

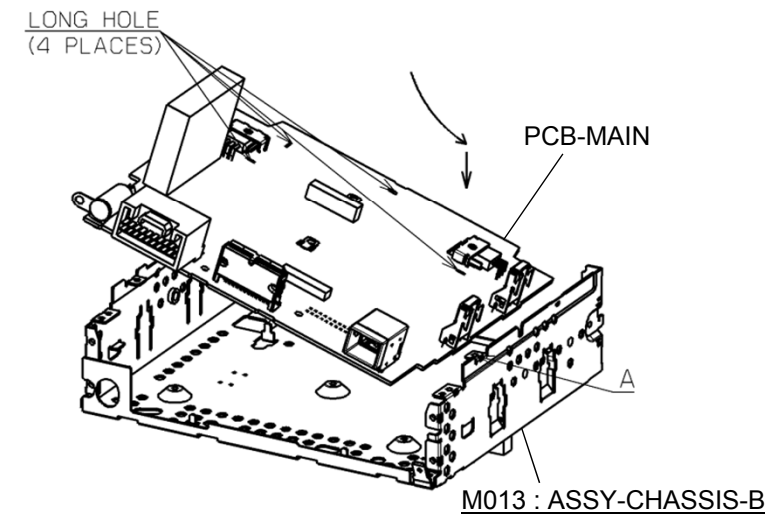
Assembling procedures

1. Stick M008 and M010 on M013. (Follow the right figure)
2. Put PCB-MAIN to M013 and screw with ① (4 places), ② (4 places).
(Check that 4 tabs of M013 are into holes of PCB-MAIN.)
Stick M007 to PCB-MAIN. (Follow the right figure)
3. Screw M004 to M013 with ① (2 places).
4. Screw M006 to M013 with ① (3 places), ② (2 places).

No.	Screw	Tighten torque(N·m)
①	3X6	0.8 +0.2/-0.1
②	3X16	0.65 ±0.1
③	2.6X10S	0.6 +0.2/-0.1



PUT PCB-MAIN TO M013 . (KEEP PASSING PCB-MAIN OVER PART A OF M013)



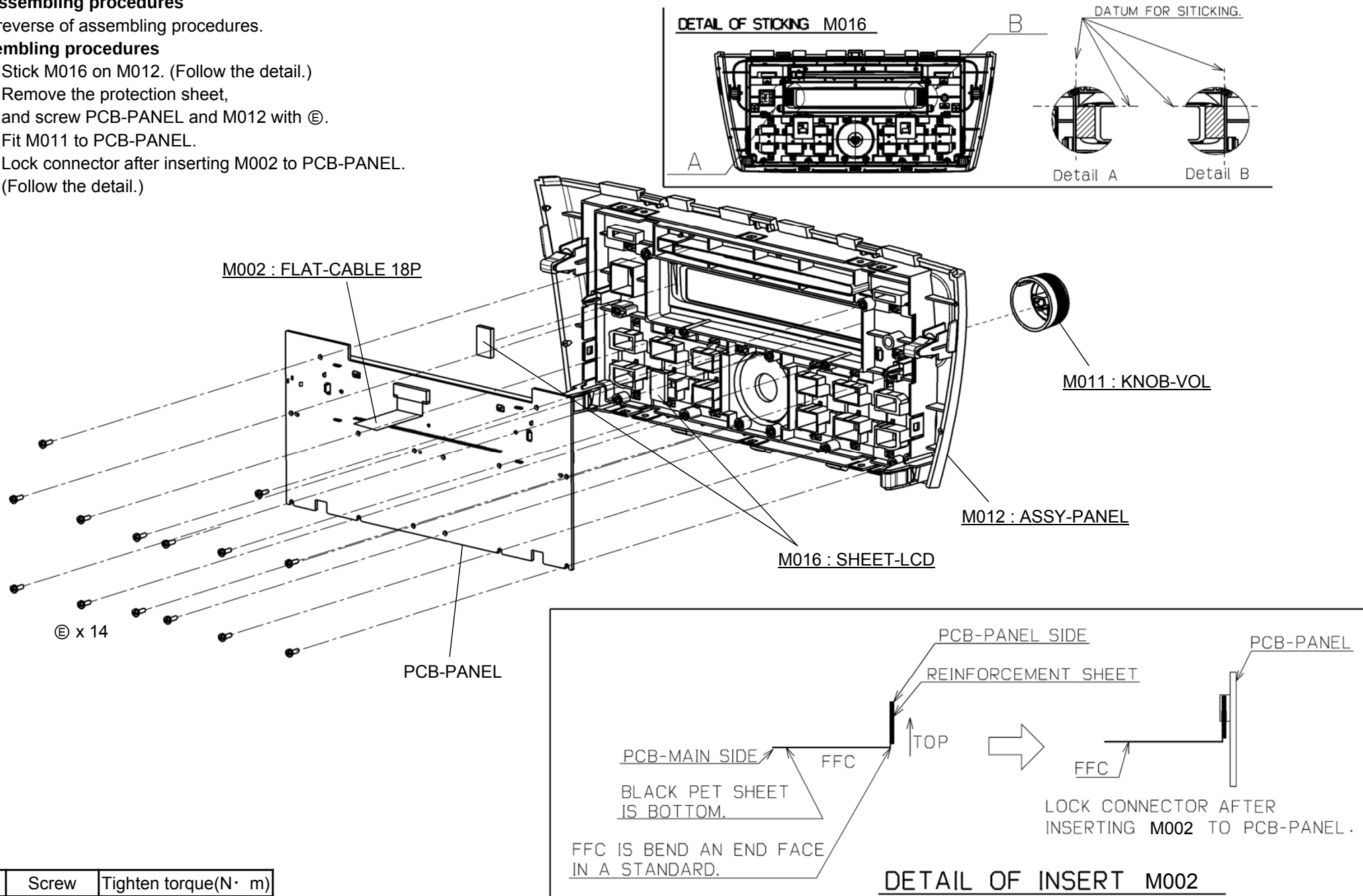
DISASSEMBLING PROCEDURES

Disassembling procedures

In reverse of assembling procedures.

Assembling procedures

1. Stick M016 on M012. (Follow the detail.)
2. Remove the protection sheet, and screw PCB-PANEL and M012 with ⑥.
3. Fit M011 to PCB-PANEL.
4. Lock connector after inserting M002 to PCB-PANEL. (Follow the detail.)



No.	Screw	Tighten torque(N· m)
⑥	2X6	0.2 +0.15/-0.04

PARTS LIST

Ref. No.	Parts No.	Parts Name	Page
M001	246L58085	FLAT-CABLE 18P	P.9
M002	246L58086	FLAT-CABLE 18P	P.13
M003	560J42611	CHASSIS-F	P.11
M004	591K40713	BRACKET-DECK	P.12
M005	591K81321	COVER-U	P.9
M006	635J12722	HEAT-SINK	P.12
M007	643L84416	CUSHION-E	P.11,12
M008	643L89720	SHEET-HS	P.12
M009	643L89730	SHEET-HS	P.9
M010	643L91912	SHEET-HS	P.12
M011	734L99820	KNOB-VOL	P.13
M012	892K54358	ASSY-PANEL	P.13
M013	893K29611	ASSY-CHASSIS-B	P.12
*M014	940L24414	CD8-MECHA(955823)	P.9
M015	959M01207	NAME-CARD(DY-1MU3E21-T)	P.8
M016	644L18510	SHEET-LCD	P.13
A	653P11046	SCREW-S-PAN 3X6	-
B	653P11052	SCREW-S-PAN 3X16	-
C	653P13028	SCREW-S-BIND 2.6X6S	-
D	653P13032	SCREW-S-BIND 2.6X10S	-
E	653P33014	SCREW-P-BIND 2X6	-

* Marked part is the ASSY replacement.

ELECTRICAL PARTS LIST

Ref. No.	Parts No.	Parts Name	Note	Spec.	Base Parts No.
ANT1	449L07602	SOCKET-ANT			N931L91813
C101	141L18105	C-CERAMIC-CHIP	GRM1882C1H150JA01D	CH50V150J 1608	N931L91713
C102	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C103	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C104	103L29909	R-CHIP	RMC1/16JTP	1/10W 0 1608	N931L91713
C105	103L29909	R-CHIP	RMC1/16JTP	1/10W 0 1608	N931L91713
C106	103L29909	R-CHIP	RMC1/16JTP	1/10W 0 1608	N931L91713
C111	141P16409	C-CERAMIC-CHIP	GRM1552C1H391JA01D	CH 50V 391J1005	N931L91713
C112	141P16409	C-CERAMIC-CHIP	GRM1552C1H391JA01D	CH 50V 391J1005	N931L91713
C121	141P15001	C-CERAMIC-CHIP	UMK105BJ221KV-F	B 50V 221K1005	N931L91713
C122	141P15301	C-CERAMIC-CHIP	GRM155B11E103KA01D	B 25V 103K1005	N931L91713
C123	141P15808	C-CERAMIC-CHIP	CM05B473K10AH	B 10V 473K1005	N931L91713
C124	141P15808	C-CERAMIC-CHIP	CM05B473K10AH	B 10V 473K1005	N931L91713
C125	141P15808	C-CERAMIC-CHIP	CM05B473K10AH	B 10V 473K1005	N931L91713
C141	141L16409	C-CERAMIC-CHIP	CM105W5R474K10AT	B 10V 474K 1608	N931L91713
C142	141L16409	C-CERAMIC-CHIP	CM105W5R474K10AT	B 10V 474K 1608	N931L91713
C145	141L16409	C-CERAMIC-CHIP	CM105W5R474K10AT	B 10V 474K 1608	N931L91713
C146	141L16409	C-CERAMIC-CHIP	CM105W5R474K10AT	B 10V 474K 1608	N931L91713
C151	141P15401	C-CERAMIC-CHIP	GRM155B11C153KA01D	B 16V 153K1005	N931L91713
C152	141P15401	C-CERAMIC-CHIP	GRM155B11C153KA01D	B 16V 153K1005	N931L91713
C154	141L18707	C-CERAMIC-CHIP	GRM1882C1H102JA01D	CH 50V 102J1608	N931L91713
C155	141L18707	C-CERAMIC-CHIP	GRM1882C1H102JA01D	CH 50V 102J1608	N931L91713
C201	141P15107	C-CERAMIC-CHIP	GRM155B11H472KA01D	B 50V 472K1005	N931L91713
C202	141P15107	C-CERAMIC-CHIP	GRM155B11H472KA01D	B 50V 472K1005	N931L91713
C203	141P15009	C-CERAMIC-CHIP	GRM155B11H102KD01D	B 50V 102K1005	N931L91713
C204	141P15009	C-CERAMIC-CHIP	GRM155B11H102KD01D	B 50V 102K1005	N931L91713
C206	141P15009	C-CERAMIC-CHIP	GRM155B11H102KD01D	B 50V 102K1005	N931L91713
C207	141P15009	C-CERAMIC-CHIP	GRM155B11H102KD01D	B 50V 102K1005	N931L91713
C208	141P15009	C-CERAMIC-CHIP	GRM155B11H102KD01D	B 50V 102K1005	N931L91713
C300	141P16305	C-CERAMIC-CHIP	GRM1552C1H101JA01D	CH 50V 101J1005	N931L91713
C301	141L16500	C-CERAMIC-CHIP	GRM188B10J105KC01D	B6.3V 105K 1608	N931L91713
C302	141L16304	C-CERAMIC-CHIP	GRM188B11E273KA01D	B 25V 273K 1608	N931L91713
C307	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C308	141P15902	C-CERAMIC-CHIP	C1005JB1A224KT	B 10V 224K 1005	N931L91713
C309	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C310	141P16103	C-CERAMIC-CHIP	GRM1552C1H120JA01D	CH 50V 120J1005	N931L91713
C311	141P15009	C-CERAMIC-CHIP	GRM155B11H102KD01D	B 50V 102K1005	N931L91713
C312	141P16709	C-CERAMIC-CHIP	GRM1552C1H102JA01D	CH 50V 102J1005	N931L91713
C313	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C314	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C315	141L06907	C-CERAMIC-CHIP	GRM21BB11E224KA01L	B 25V 224K 2125	N931L91713
C316	141P16709	C-CERAMIC-CHIP	GRM1552C1H102JA01D	CH 50V 102J1005	N931L91713
C320	141P18441	C-CERAMIC-CHIP	GRM32DR71E106KA12E	X7R 25V106K3225	N931L91713
C320E	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C321E	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C324	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C325	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C326	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C327	141P18441	C-CERAMIC-CHIP	GRM32DR71E106KA12E	X7R 25V106K3225	N931L91713
C331	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C333	141P16305	C-CERAMIC-CHIP	GRM1552C1H101JA01D	CH 50V 101J1005	N931L91713
C334	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C335	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C340	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C344	141P16305	C-CERAMIC-CHIP	GRM1552C1H101JA01D	CH 50V 101J1005	N931L91713
C347	141P16305	C-CERAMIC-CHIP	GRM1552C1H101JA01D	CH 50V 101J1005	N931L91713
C348	141P16305	C-CERAMIC-CHIP	GRM1552C1H101JA01D	CH 50V 101J1005	N931L91713
C350	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C351	141L16109	C-CERAMIC-CHIP	GRM188B11H682KA01D	B50V682K1608	N931L91713
C352	141L18505	C-CERAMIC-CHIP	GRM1882C1E681JA01D	CH 25V 681J1608	N931L91713
C353	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C354	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C355	141L18505	C-CERAMIC-CHIP	GRM1882C1E681JA01D	CH 25V 681J1608	N931L91713
C356	141L16109	C-CERAMIC-CHIP	GRM188B11H682KA01D	B50V682K1608	N931L91713

Ref. No.	Parts No.	Parts Name	Note	Spec.	Base Parts No.
C359	141L06608	C-CERAMIC-CHIP	GRM21BB11E224KA01L	B 25V 224K 2125	N931L91713
C360E	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C361E	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C371	141L18701	C-CERAMIC-CHIP	GRM1882C1H561JA01D	CH 50V 561J1608	N931L91713
C372	141L18701	C-CERAMIC-CHIP	GRM1882C1H561JA01D	CH 50V 561J1608	N931L91713
C380E	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C381	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C381E	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C390	181P80124	C-ELECTROLYTIC-CHIP	UWR1C220MCL1GB	16V 220M	N931L91713
C391	141L06608	C-CERAMIC-CHIP	GRM21BB11E224KA01L	B 25V 224K 2125	N931L91713
C392	181P80161	C-ELECTROLYTIC-CHIP	UWX1H010MCL1GB	50V 010M	N931L91713
C3C1	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C3C3	141P16305	C-CERAMIC-CHIP	GRM1552C1H101JA01D	CH 50V 101J1005	N931L91713
C401	141L16500	C-CERAMIC-CHIP	GRM188B10J105KC01D	B6.3V 105K 1608	N931L91713
C402	141L16304	C-CERAMIC-CHIP	GRM188B11E273KA01D	B 25V 273K 1608	N931L91713
C408	141P15902	C-CERAMIC-CHIP	C1005JB1A224KT	B 10V 224K 1005	N931L91713
C409	181P80127	C-ELECTROLYTIC-CHIP	UWX1C101MCL1GB	16V 101M	N931L91713
C410	141P16103	C-CERAMIC-CHIP	GRM1552C1H120JA01D	CH 50V 120J1005	N931L91713
C411	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C412	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C414	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C415	181P80126	C-ELECTROLYTIC-CHIP	UWR1C470MCL1GB	16V 470M	N931L91713
C416	181P80126	C-ELECTROLYTIC-CHIP	UWR1C470MCL1GB	16V 470M	N931L91713
C417	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C420	141L16906	C-CERAMIC-CHIP	GRM188B10J225KE01D	B6.3V 225K1608	N931L91713
C424	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C425	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C426	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C431	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C433	141P16305	C-CERAMIC-CHIP	GRM1552C1H101JA01D	CH 50V 101J1005	N931L91713
C434	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C440	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C444	141P16305	C-CERAMIC-CHIP	GRM1552C1H101JA01D	CH 50V 101J1005	N931L91713
C447	141P16305	C-CERAMIC-CHIP	GRM1552C1H101JA01D	CH 50V 101J1005	N931L91713
C448	141P16305	C-CERAMIC-CHIP	GRM1552C1H101JA01D	CH 50V 101J1005	N931L91713
C450	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C451	141L16109	C-CERAMIC-CHIP	GRM188B11H682KA01D	B50V682K1608	N931L91713
C452	141L18505	C-CERAMIC-CHIP	GRM1882C1E681JA01D	CH 25V 681J1608	N931L91713
C455	141L18505	C-CERAMIC-CHIP	GRM1882C1E681JA01D	CH 25V 681J1608	N931L91713
C456	141L16109	C-CERAMIC-CHIP	GRM188B11H682KA01D	B50V682K1608	N931L91713
C459	141L06608	C-CERAMIC-CHIP	GRM21BB11E224KA01L	B 25V 224K 2125	N931L91713
C471	141L18701	C-CERAMIC-CHIP	GRM1882C1H561JA01D	CH 50V 561J1608	N931L91713
C472	141L18701	C-CERAMIC-CHIP	GRM1882C1H561JA01D	CH 50V 561J1608	N931L91713
C480	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C4W1	141L06703	C-CERAMIC-CHIP	CM21B225K25AT	B 25V 225K 2125	N931L91713
C4W2	141L18707	C-CERAMIC-CHIP	GRM1882C1H102JA01D	CH 50V 102J1608	N931L91713
C551	141L16109	C-CERAMIC-CHIP	GRM188B11H682KA01D	B50V682K1608	N931L91713
C552	141L18505	C-CERAMIC-CHIP	GRM1882C1E681JA01D	CH 25V 681J1608	N931L91713
C555	141L18505	C-CERAMIC-CHIP	GRM1882C1E681JA01D	CH 25V 681J1608	N931L91713
C556	141L16109	C-CERAMIC-CHIP	GRM188B11H682KA01D	B50V682K1608	N931L91713
C559	141L06608	C-CERAMIC-CHIP	GRM21BB11E224KA01L	B 25V 224K 2125	N931L91713
C571	141L18701	C-CERAMIC-CHIP	GRM1882C1H561JA01D	CH 50V 561J1608	N931L91713
C572	141L18701	C-CERAMIC-CHIP	GRM1882C1H561JA01D	CH 50V 561J1608	N931L91713
C651	141L16109	C-CERAMIC-CHIP	GRM188B11H682KA01D	B50V682K1608	N931L91713
C652	141L18505	C-CERAMIC-CHIP	GRM1882C1E681JA01D	CH 25V 681J1608	N931L91713
C655	141L18505	C-CERAMIC-CHIP	GRM1882C1E681JA01D	CH 25V 681J1608	N931L91713
C656	141L16109	C-CERAMIC-CHIP	GRM188B11H682KA01D	B50V682K1608	N931L91713
C659	141L06608	C-CERAMIC-CHIP	GRM21BB11E224KA01L	B 25V 224K 2125	N931L91713
C671	141L18701	C-CERAMIC-CHIP	GRM1882C1H561JA01D	CH 50V 561J1608	N931L91713
C672	141L18701	C-CERAMIC-CHIP	GRM1882C1H561JA01D	CH 50V 561J1608	N931L91713
C704	141L06703	C-CERAMIC-CHIP	GRM21BR11E105KA99L	R 25V 105K 2125	N931L91713
C705	141L06703	C-CERAMIC-CHIP	GRM21BR11E105KA99L	R 25V 105K 2125	N931L91713
C706	141L18403	C-CERAMIC-CHIP	GRM1882C1H221JA01D	CH 50V 221J1608	N931L91713
C713	141L06703	C-CERAMIC-CHIP	GRM21BR11E105KA99L	R 25V 105K 2125	N931L91713

ELECTRICAL PARTS LIST

Ref. No.	Parts No.	Parts Name	Note	Spec.	Base Parts No.
C720	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C725	141L04A00	C-CERAMIC-CHIP	EMK316BJ106KFLT	B 16V 106K 3216	N931L91713
C726	141L04A00	C-CERAMIC-CHIP	EMK316BJ106KFLT	B 16V 106K 3216	N931L91713
C730	141L18403	C-CERAMIC-CHIP	GRM1882C1H221JA01D	CH 50V 221J1608	N931L91713
C801	141P16004	C-CERAMIC-CHIP	GRM1553C1H3R0CA01D	CJ 50V 030C1005	N931L91713
C802	141P16003	C-CERAMIC-CHIP	CM05CK2R0C50AH	CK 50V 020C1005	N931L91713
C803	141P16008	C-CERAMIC-CHIP	GRM1552C1H7R0DA01D	CH 50V 070D1005	N931L91713
C804	141P16008	C-CERAMIC-CHIP	GRM1552C1H7R0DA01D	CH 50V 070D1005	N931L91713
C805	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C807	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C808	181P80127	C-ELECTROLYTIC-CHIP	UWX1C101MCL1GB	16V 101M	N931L91713
C809	181P80127	C-ELECTROLYTIC-CHIP	UWX1C101MCL1GB	16V 101M	N931L91713
C810	141P15009	C-CERAMIC-CHIP	GRM155B11H102KD01D	B 50V 102K1005	N931L91713
C811	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C828	141P16902	C-CERAMIC-CHIP	C1608JB1A105KT	B10V 105K 1608	N931L91713
C829	141L18805	C-CERAMIC-CHIP	GRM1882C1H222JA01	CH 50V 222J1608	N931L91713
C830	141P15009	C-CERAMIC-CHIP	GRM155B11H102KD01D	B 50V 102K1005	N931L91713
C831	141P15009	C-CERAMIC-CHIP	GRM155B11H102KD01D	B 50V 102K1005	N931L91713
C832	141L16902	C-CERAMIC-CHIP	C1608JB1A105KT	B10V 105K 1608	N931L91713
C834	141L18805	C-CERAMIC-CHIP	GRM1882C1H222JA01	CH 50V 222J1608	N931L91713
C836	141L18805	C-CERAMIC-CHIP	GRM1882C1H222JA01	CH 50V 222J1608	N931L91713
C850	141L18805	C-CERAMIC-CHIP	GRM1882C1H222JA01	CH 50V 222J1608	N931L91713
C850A	141P16009	C-CERAMIC-CHIP	GRM1552C1H8R0DA01D	CH 50V 080D1005	N931L91713
C850B	141P16009	C-CERAMIC-CHIP	GRM1552C1H8R0DA01D	CH 50V 080D1005	N931L91713
C850E	181P80126	C-ELECTROLYTIC-CHIP	UWR1C470MCL1GB	16V 470M	N931L91713
C851E	181P80124	C-ELECTROLYTIC-CHIP	UWR1C220MCL1GB	16V 220M	N931L91713
C853	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C854	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C855	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C856	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C857	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C858	141L06906	C-CERAMIC-CHIP	GRM21BB10J475KA11L	B 6.3V 475K2125	N931L91713
C859	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C860	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C861	141P16701	C-CERAMIC-CHIP	GRM1552C1H471JA01D	CH 50V 471J1005	N931L91713
C863	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C865	141P16103	C-CERAMIC-CHIP	GRM1552C1H120JA01D	CH 50V 120J1005	N931L91713
C866	141P16103	C-CERAMIC-CHIP	GRM1552C1H120JA01D	CH 50V 120J1005	N931L91713
C867	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C868	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C869	141L06906	C-CERAMIC-CHIP	GRM21BB10J475KA11L	B 6.3V 475K2125	N931L91713
C870	141P15009	C-CERAMIC-CHIP	GRM155B11H102KD01D	B 50V 102K1005	N931L91713
C871	141P16701	C-CERAMIC-CHIP	GRM1552C1H471JA01D	CH 50V 471J1005	N931L91713
C872	141P16701	C-CERAMIC-CHIP	GRM1552C1H471JA01D	CH 50V 471J1005	N931L91713
C873	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C874	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C875	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C878	141P15009	C-CERAMIC-CHIP	GRM155B11H102KD01D	B 50V 102K1005	N931L91713
C880	141P16709	C-CERAMIC-CHIP	GRM1552C1H102JA01D	CH 50V 102J1005	N931L91713
C881	181P82710	C-ELECTROLYTIC	EMVA100ARA151MF55G	10V 151M	N931L91713
C891	141L16902	C-CERAMIC-CHIP	C1608JB1A105KT	B10V 105K 1608	N931L91713
C8A4	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C8A5	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C8K1	141P15009	C-CERAMIC-CHIP	GRM155B11H102KD01D	B 50V 102K1005	N931L91713
C8K2	141L16500	C-CERAMIC-CHIP	GRM188B10J105KC01D	B6.3V 105K 1608	N931L91713
C900	181P77011	C-ELECTROLYTIC	RE3-16V332MH75#N	16V 332M	N931L91813
C901	141L06608	C-CERAMIC-CHIP	GRM21BB11E224KA01L	B 25V 224K 2125	N931L91713
C902	141L06608	C-CERAMIC-CHIP	GRM21BB11E224KA01L	B 25V 224K 2125	N931L91713
C902	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L43210
C903	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L43210
C904	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L43210
C905	141P16301	C-CERAMIC-CHIP	GRM1552C1H680JA01D	CH 50V 680J1005	N931L91713
C905	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L43210
C906	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L43210

Ref. No.	Parts No.	Parts Name	Note	Spec.	Base Parts No.
C907	141L18501	C-CERAMIC-CHIP	GRM1882C1H471JA01D	CH 50V 471J1608	N931L43210
C910	181P80129	C-ELECTROLYTIC-CHIP	EMVA160ADA331MHA0G	16V331M	N931L91713
C913	141P15001	C-CERAMIC-CHIP	UMK105BJ221KV-F	B 50V 221K1005	N931L91713
C914	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C921	181P80149	C-ELECTROLYTIC-CHIP	UWX1V4R7MCL1GB	35V 4R7M	N931L91713
C931	141P15001	C-CERAMIC-CHIP	UMK105BJ221KV-F	B 50V 221K1005	N931L91713
C941	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C942	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C951	141L18305	C-CERAMIC-CHIP	MCH185A101JK	CH 50V 101J1608	N931L91713
C959	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C960	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C962	181P80127	C-ELECTROLYTIC-CHIP	UWX1C101MCL1GB	16V 101M	N931L91713
C963	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C964	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C965	181P80127	C-ELECTROLYTIC-CHIP	UWX1C101MCL1GB	16V 101M	N931L91713
C966	141L16900	C-CERAMIC-CHIP	CM105B334K10AT-N	B10V 334K 1608	N931L91713
C967	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C968	141L16900	C-CERAMIC-CHIP	CM105B334K10AT-N	B10V 334K 1608	N931L91713
C969	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C971	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C972	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C973	181P80127	C-ELECTROLYTIC-CHIP	UWX1C101MCL1GB	16V 101M	N931L91713
C974	141P16709	C-CERAMIC-CHIP	GRM1552C1H102JA01D	CH 50V 102J1005	N931L91713
C981	141L06701	C-CERAMIC-CHIP	CM21B225K25AT	B 25V 225K 2125	N931L43210
C982	141L06701	C-CERAMIC-CHIP	CM21B225K25AT	B 25V 225K 2125	N931L43210
C983	141P18441	C-CERAMIC-CHIP	GRM32DR71E106KA12E	X7R 25V106K3225	N931L91713
C983	141L06701	C-CERAMIC-CHIP	CM21B225K25AT	B 25V 225K 2125	N931L43210
C984	181P80127	C-ELECTROLYTIC-CHIP	UWX1C101MCL1GB	16V 101M	N931L91713
C985	141P17303	C-CERAMIC-CHIP	GRM32EB31C476ME15L	B 16V 476M 3225	N931L91713
C986	103L29201	R-CHIP	RMC1/16471JTP	1/10W 471J 1608	N931L91713
C987	141L04A00	C-CERAMIC-CHIP	EMK316BJ106KFLT	B 16V 106K 3216	N931L91713
C988	141L04709	C-CERAMIC-CHIP	GRM31CR71E475KA88L	X7R 25V475K3216	N931L91713
C989	141P18441	C-CERAMIC-CHIP	GRM32DR71E106KA12E	X7R 25V106K3225	N931L91713
C990	141L18805	C-CERAMIC-CHIP	GRM1882C1H222JA01	CH 50V 222J1608	N931L91713
C991	141L04901	C-CERAMIC-CHIP	C3216JB1A106KT	B 10V 106K 3216	N931L91713
C991A	141P18441	C-CERAMIC-CHIP	GRM32DR71E106KA12E	X7R 25V106K3225	N931L91713
C994	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C995	141L18505	C-CERAMIC-CHIP	GRM1882C1E681JA01D	CH 25V 681J1608	N931L91713
C996	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C997	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C998	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C999	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C9A2	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C9A3	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C9A4	189P01511	C-DOUBLE-LAYER	DXN-5R5V104PUM	5.5V 104Z	N931L91813
C9A5	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C9B1	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C9B2	181P80123	C-ELECTROLYTIC-CHIP	UWX1C100MCL1GB	16V 100M	N931L91713
C9B3	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C9B4	181P80608	C-ELECTROLYTIC-CHIP	UUR0J102MNL1GS	6.3V 102M	N931L91713
C9C1	181P80127	C-ELECTROLYTIC-CHIP	UWX1C101MCL1GB	16V 101M	N931L91713
C9C2	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C9C3	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C9C4	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C9C5	181P80126	C-ELECTROLYTIC-CHIP	UWR1C470MCL1GB	16V 470M	N931L91713
C9C6	181P80127	C-ELECTROLYTIC-CHIP	UWX1C101MCL1GB	16V 101M	N931L91713
C9C7	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C9D1	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C9D21	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C9D3	181P80126	C-ELECTROLYTIC-CHIP	UWR1C470MCL1GB	16V 470M	N931L91713
C9E1	141L04901	C-CERAMIC-CHIP	C3216JB1A106KT	B 10V 106K 3216	N931L91713
C9E3	141L04901	C-CERAMIC-CHIP	C3216JB1A106KT	B 10V 106K 3216	N931L91713
C9E4	181P80127	C-ELECTROLYTIC-CHIP	UWX1C101MCL1GB	16V 101M	N931L91713
C9E8	141L06603	C-CERAMIC-CHIP	CM21B475K16AT	B 16V 475K 2125	N931L91713

ELECTRICAL PARTS LIST

Ref. No.	Parts No.	Parts Name	Note	Spec.	Base Parts No.
C9F1	181P80130	C-ELECTROLYTIC-CHIP	UUR1C471MNL6GS	16V 471M	N931L91713
C9F2	141L16201	C-CERAMIC-CHIP	GRM188B11H103KA01D	B 50V 103K 1608	N931L91713
C9F3	141P15009	C-CERAMIC-CHIP	GRM155B11H102KD01D	B 50V 102K1005	N931L91713
C9F4	181P80128	C-ELECTROLYTIC-CHIP	UUR1C221MNL1GS	16V 221M	N931L91713
C9F5	141L04400	C-CERAMIC-CHIP	EMK316BJ106K1FT	B 16V 106K 3216	N931L91713
C9F6	141L06905	C-CERAMIC-CHIP	GRM21BB11C105KC01L	B 16V 105K 2125	N931L91713
C9F7	141L06700	C-CERAMIC-CHIP	CM21B474K25AT-N	B 25V 474K2125	N931L91713
C9F9	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C9FA	141L18701	C-CERAMIC-CHIP	GRM1882C1H561JA01D	CH 50V 561J1608	N931L91713
C9G1	141L06907	C-CERAMIC-CHIP	GRM21BB10J106KE01L	B 6.3V 106K2125	N931L91713
C9G2	141L16902	C-CERAMIC-CHIP	C1608JB1A105KT	B10V 105K 1608	N931L91713
C9G3	141L06905	C-CERAMIC-CHIP	GRM21BB11C105KC01L	B 16V 105K 2125	N931L91713
C9H1	141L16406	C-CERAMIC-CHIP	GRM188B11C104KA01D	B 16V 104K 1608	N931L91713
C9H2	141L06901	C-CERAMIC-CHIP	CM21B225K10AT-N	B 10V 225K 2125	N931L91713
C9H3	181P80126	C-ELECTROLYTIC-CHIP	UWR1C470MCL1GB	16V 470M	N931L91713
C9W8	141L06701	C-CERAMIC-CHIP	CM21B225K25AT	B 25V 225K 2125	N931L91713
C9W9	141L06701	C-CERAMIC-CHIP	CM21B225K25AT	B 25V 225K 2125	N931L91713
D121	264P61002	DIODE-CHIP	MC2840-T112-1		N931L91713
D201	264P61701	DIODE-CHIP	MC2836-T150-1		N931L91713
D202	264P61801	DIODE-CHIP	MC2838-T150-1		N931L91713
D203	264P61701	DIODE-CHIP	MC2836-T150-1		N931L91713
D204	264P61801	DIODE-CHIP	MC2838-T150-1		N931L91713
D704	264P59835	DIODE-ZENER-CHIP	DZ2J180MYL		N931L91713
D705	264P59835	DIODE-ZENER-CHIP	DZ2J180MYL		N931L91713
D713	264P59835	DIODE-ZENER-CHIP	DZ2J180MYL		N931L91713
D717	264P59835	DIODE-ZENER-CHIP	DZ2J180MYL		N931L91713
D718	264P59835	DIODE-ZENER-CHIP	DZ2J180MYL		N931L91713
D722	264P59835	DIODE-ZENER-CHIP	DZ2J180MYL		N931L91713
D731	264P59839	DIODE-ZENER-CHIP	DZ2J270MYL		N931L91713
D801	264P59813	DIODE-ZENER-CHIP	DZ2J033MYL		N931L91713
D825	264L06001	DIODE-CHIP	1SS355 FNTE-17		N931L91713
D830	264P59821	DIODE-ZENER-CHIP	DZ2J056MYL		N931L91713
D831	264P59821	DIODE-ZENER-CHIP	DZ2J056MYL		N931L91713
D881	264P59819	DIODE-ZENER-CHIP	DZ2J051MYL		N931L91713
D882	264P59819	DIODE-ZENER-CHIP	DZ2J051MYL		N931L91713
D883	264P59110	DIODE-ZENER-CHIP	UMZC6.8NFST106		N931L91713
D901	264P51601	DIODE-CHIP	S3D6600		N931L91713
D901	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D902	264P59827	DIODE-ZENER-CHIP	DZ2J091MYL		N931L91713
D903	264L06001	DIODE-CHIP	1SS355 FNTE-17		N931L91713
D903	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D905	264P63013	DIODE-LE-CHIP	SML-512DWT86	ORG	N931L43210
D906	264P63013	DIODE-LE-CHIP	SML-512DWT86	ORG	N931L43210
D908	264P63013	DIODE-LE-CHIP	SML-512DWT86	ORG	N931L43210
D910	264P63013	DIODE-LE-CHIP	SML-512DWT86	ORG	N931L43210
D911	264P59839	DIODE-ZENER-CHIP	DZ2J270MYL		N931L91713
D912	264L06001	DIODE-CHIP	1SS355 FNTE-17		N931L91713
D913	264P63013	DIODE-LE-CHIP	SML-512DWT86	ORG	N931L43210
D915	264P63013	DIODE-LE-CHIP	SML-512DWT86	ORG	N931L43210
D916	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D919	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D920	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D922	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D923	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D924	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D925	264P63013	DIODE-LE-CHIP	SML-512DWT86	ORG	N931L43210
D927	264P63013	DIODE-LE-CHIP	SML-512DWT86	ORG	N931L43210
D930	264P63013	DIODE-LE-CHIP	SML-512DWT86	ORG	N931L43210
D931	264P59839	DIODE-ZENER-CHIP	DZ2J270MYL		N931L91713
D932	264L06001	DIODE-CHIP	1SS355 FNTE-17		N931L91713
D932	264P63013	DIODE-LE-CHIP	SML-512DWT86	ORG	N931L43210
D934	264P63013	DIODE-LE-CHIP	SML-512DWT86	ORG	N931L43210
D935	264P63013	DIODE-LE-CHIP	SML-512DWT86	ORG	N931L43210
D937	264P59828	DIODE-ZENER-CHIP	DZ2J100MYL		N931L43210

Ref. No.	Parts No.	Parts Name	Note	Spec.	Base Parts No.
D938	264P59821	DIODE-ZENER-CHIP	DZ2J056MYL		N931L43210
D941	264P59821	DIODE-ZENER-CHIP	DZ2J056MYL		N931L91713
D951	264P59824	DIODE-ZENER-CHIP	DZ2J068MYL		N931L91713
D951	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D952	264P59839	DIODE-ZENER-CHIP	DZ2J270MYL		N931L91713
D952	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D953	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D954	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D955	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D956	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D957	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D958	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D959	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D960	264P60702	DIODE-CHIP	1SR154-400TE25		N931L91713
D960	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D961	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D962	264P62913	DIODE-LE-CHIP	SML-311D1T86J	ORANGE	N931L43210
D972	264P59827	DIODE-ZENER-CHIP	DZ2J091MYL		N931L91713
D981	264P60702	DIODE-CHIP	1SR154-400TE25		N931L91713
D981	264P56009	DIODE-ZENER-CHIP	UDZS-TE-17 18B		N931L43210
D982	264P66410	DIODE	RB055L-40 TE25		N931L91713
D982	264P56009	DIODE-ZENER-CHIP	UDZS-TE-17 18B		N931L43210
D983	264P56009	DIODE-ZENER-CHIP	UDZS-TE-17 18B		N931L43210
D984	264P56009	DIODE-ZENER-CHIP	UDZS-TE-17 18B		N931L43210
D985	264P56009	DIODE-ZENER-CHIP	UDZS-TE-17 18B		N931L43210
D986	264P56009	DIODE-ZENER-CHIP	UDZS-TE-17 18B		N931L43210
D9A1	264P60702	DIODE-CHIP	1SR154-400TE25		N931L91713
D9A2	264P59821	DIODE-ZENER-CHIP	DZ2J056MYL		N931L91713
D9A3	264L06001	DIODE-CHIP	1SS355 FNTE-17		N931L91713
D9B1	264P59821	DIODE-ZENER-CHIP	DZ2J056MYL		N931L91713
D9B2	264P60702	DIODE-CHIP	1SR154-400TE25		N931L91713
D9C1	264P59821	DIODE-ZENER-CHIP	DZ2J056MYL		N931L91713
D9F1	264P62210	DIODE	RB161L-40-TE25		N931L91713
D9F2	264P59822	DIODE-ZENER-CHIP	DZ2J056MYL		N931L91713
D9H1	264L06001	DIODE-CHIP	1SS355 FNTE-17		N931L91713
D9R1	264L06001	DIODE-CHIP	1SS355 FNTE-17		N931L91713
F921	299P13701	PROTECTOR-CHIP	ICP-S0.5TN		N931L91713
FE01	295P23512	TUNER	205E-3AF	NAS BAND	N931L91813
HLD-207	593L70010	HOLDER-TR	20GZE-36	SILVER TOP T0.8	N931L91813
HLD-9A1	594L05820	HOLDER-TR			N931L91813
HLD-9C1	594L05820	HOLDER-TR			N931L91813
HLD-9F1	593L70010	HOLDER-TR	20GZE-36	SILVER TOP T0.8	N931L91813
IC300	262P01710	IC	LV47011P	4CH 50W	N931L91813
IC301	263P08811	IC-TARY	AK7744XR		N931L91713
IC330	266L06505	IC-TAPE	NJM2115V-TE1		N931L91713
IC340	266L06505	IC-TAPE	NJM2115V-TE1		N931L91713
IC350	266L06505	IC-TAPE	NJM2115V-TE1		N931L91713
IC440	266L06505	IC-TAPE	NJM2115V-TE1		N931L91713
IC450	266L06505	IC-TAPE	NJM2115V-TE1		N931L91713
IC800	262P79412	IC-TRAY	M30876MJB-A85GP	U-COM(MASK)	N931L91713
IC830	266P66310	IC-TAPE	HA12240FPEL-E		N931L91713
IC850	262P66532	IC-TRAY	UPD63901GJ(A)-504-UEN-A		N931L91713
IC8A2	262P21731	IC-TAPE	IC-PS18231UR	CMOS RESET	N931L91713
IC8K1	262P22610	IC-TAPE	MF1341S2313		N931L91713
IC900	262P74310	IC-TRAY	LC75812PT	LCD-RDIVER	N931L43210
IC901	262P21731	IC-TAPE	IC-PS18231UR	CMOS RESET	N931L91713
IC961	266P68410	IC-TAPE	NJM2845DL1-33	3.3V 0.8A	N931L91713
IC962	266P68410	IC-TAPE	NJM2845DL1-33	3.3V 0.8A	N931L91713
IC981	262P34110	IC-TAPE	OZ529IGN-A1-0-TR BIN1		N931L91713
IC9D1	266P68410	IC-TAPE	NJM2845DL1-33	3.3V 0.8A	N931L91713
IC9E1	262P25634	IC-TAPE	S-1172B34-E6T1G		N931L91713
IC9G1	266P75410	IC		NJM2871BF33	N931L91713
IC9H1	262P09750	IC-TAPE	S-818A50AUC-BHET2G	AVR 5.0V 0.3A	N931L91713
J902	452P35518	CONNECTOR-TAPE	52207-1860	18P SIDE UP	N931L43210

ELECTRICAL PARTS LIST

Ref. No.	Parts No.	Parts Name	Note	Spec.	Base Parts No.
L101	351P086O5	COIL-CHOKE-CHIP	LB2016T4R7M	4R7M	N931L91713
L102	351P095O4	COIL-CHOKE-CHIP	BK1608LM252-T		N931L91713
L103	351P095O4	COIL-CHOKE-CHIP	BK1608LM252-T		N931L91713
L104	351P095O4	COIL-CHOKE-CHIP	BK1608LM252-T		N931L91713
L105	351P095O4	COIL-CHOKE-CHIP	BK1608LM252-T		N931L91713
L301	351P095O4	COIL-CHOKE-CHIP	BK1608LM252-T		N931L91713
L303	351P086O5	COIL-CHOKE-CHIP	LB2016T4R7M	4R7M	N931L91713
L401	351P095O4	COIL-CHOKE-CHIP	BK1608LM252-T		N931L91713
L402	351P086O5	COIL-CHOKE-CHIP	LB2016T4R7M	4R7M	N931L91713
L700	351P086O1	COIL-CHOKE-CHIP	LB2016T2R2M	2R2M 2125	N931L91713
L850A	351P086O1	COIL-CHOKE-CHIP	LB2016T2R2M	2R2M 2125	N931L91713
L850B	351P095O4	COIL-CHOKE-CHIP	BK1608LM252-T		N931L91713
L850C	351P095O4	COIL-CHOKE-CHIP	BK1608LM252-T		N931L91713
L851A	351P086O1	COIL-CHOKE-CHIP	LB2016T2R2M	2R2M 2125	N931L91713
L851B	351P095O4	COIL-CHOKE-CHIP	BK1608LM252-T		N931L91713
L900	351P088O1	COIL-CHOKE-CHIP	LB2016T101K	101K	N931L43210
L901	351P11510	COIL-CHOKE	ALD-16-3		N931L91813
L981	351P14577	COIL-CHOKE-CHIP	7E10NA470M	47UH 2.2A	N931L91713
L982	351P12451	COIL-CHIP	FBMH3225HM102NT	HM102 3225	N931L91713
L9D1	351P086O1	COIL-CHOKE-CHIP	LB2016T2R2M	2R2M 2125	N931L91713
L9E1	351P086O1	COIL-CHOKE-CHIP	LB2016T2R2M	2R2M 2125	N931L91713
L9F1	351P031O6	COIL-CHIP	FSLM2520-2R2J=P2	2R2M 2520	N931L91713
L9F3	351P095O3	COIL-CHOKE-CHIP	BK1608LM182-T	LM182 1608	N931L91713
L9F4	351P095O3	COIL-CHOKE-CHIP	BK1608LM182-T	LM182 1608	N931L91713
LCD900	289P19010	LCD			N931L43310
P700	452P35518	CONNECTOR-TAPE	52207-1860	18P SIDE UP	N931L91713
P701	452P23218	CONNECTOR	7382-5864	18P SIDE	N931L91813
P803	452P38418	CONNECTOR-TAPE	52610-1872	18P TOP	N931L91713
P880	452P37210	CONNECTOR	MX39004NQ1	4P SIDE	N931L91813
P900	451P01710	JACK	LGT1509-0200F		N931L43310
P901	452P23220	CONNECTOR	7382-5843	20P SIDE	N931L91813
Q101	260M061O6	TRANSISTOR-CHIP	2SA1037AKT146R		N931L91713
Q102	260M061O6	TRANSISTOR-CHIP	2SA1037AKT146R		N931L91713
Q121	260M061O6	TRANSISTOR-CHIP	2SA1037AKT146R		N931L91713
Q122	260M061O5	TRANSISTOR-CHIP	2SC2412K T146 S		N931L91713
Q123	260M061O5	TRANSISTOR-CHIP	2SC2412K T146 S		N931L91713
Q124	260M061O5	TRANSISTOR-CHIP	2SC2412K T146 S		N931L91713
Q141	260M061O5	TRANSISTOR-CHIP	2SC2412K T146 S		N931L91713
Q142	260M061O5	TRANSISTOR-CHIP	2SC2412K T146 S		N931L91713
Q174	260P108O1	TRANSISTOR-CHIP	DTC144EUA		N931L91713
Q812	260P108O1	TRANSISTOR-CHIP	DTC144EUA		N931L91713
Q830	260L030O5	TRANSISTOR-CHIP	DTA143EKAT146		N931L91713
Q831	260P108O1	TRANSISTOR-CHIP	DTC144EUA		N931L91713
Q8E1	260M061O5	TRANSISTOR-CHIP	2SC2412K T146 S		N931L91713
Q8K1	260M06214	TRANSISTOR-CHIP	DTA114EUA T106		N931L91713
Q8K2	260P108O1	TRANSISTOR-CHIP	DTC144EUA		N931L91713
Q913	260M061O3	TRANSISTOR-CHIP	2SC2412K T146 R		N931L91713
Q921	260P11710	TRANSISTOR-CHIP	2SA1364-T113-1E	SC-62	N931L91713
Q922	260M061O9	TRANSISTOR-CHIP	DTC114EKAT146		N931L91713
Q931	260M061O5	TRANSISTOR-CHIP	2SC2412K T146 S		N931L91713
Q941	260M061O5	TRANSISTOR-CHIP	2SC2412K T146 S		N931L91713
Q951	260M061O5	TRANSISTOR-CHIP	2SC2412K T146 S		N931L91713
Q952	260M061O3	TRANSISTOR-CHIP	2SC2412K T146 R		N931L91713
Q961	260P72510	TRANSISTOR	2SC3852	25W 60V 3A	N931L91813
Q962	260M061O6	TRANSISTOR-CHIP	2SA1037AKT146R		N931L91713
Q963	260P108O1	TRANSISTOR-CHIP	DTC144EUA		N931L91713
Q971	260M061O6	TRANSISTOR-CHIP	2SA1037AKT146R		N931L91713
Q972	260L059O5	TRANSISTOR-CHIP	DTC124EUA		N931L91713
Q974	260P72510	TRANSISTOR	2SC3852	25W 60V 3A	N931L91813
Q976	260P11710	TRANSISTOR-CHIP	2SA1364-T113-1E	SC-62	N931L91713
Q977	260P108O2	TRANSISTOR-CHIP	DTC143EUA		N931L91713
Q978	260P108O2	TRANSISTOR-CHIP	DTC143EUA		N931L91713
Q979	260M061O1	TRANSISTOR-CHIP	DTA124EKAT146		N931L91713
Q97A	260P108O2	TRANSISTOR-CHIP	DTC143EUA		N931L91713

Ref. No.	Parts No.	Parts Name	Note	Spec.	Base Parts No.
Q97B	260L059O5	TRANSISTOR-CHIP	DTC124EUA		N931L91713
Q97C	260M061O3	TRANSISTOR-CHIP	2SC2412K T146 R		N931L91713
Q980	260P108O1	TRANSISTOR-CHIP	DTC144EUA		N931L91713
Q981	260P108O1	TRANSISTOR-CHIP	DTC144EUA		N931L91713
Q982	260P108O1	TRANSISTOR-CHIP	DTC144EUA		N931L91713
Q9A1	260P72510	TRANSISTOR	2SC3852	25W 60V 3A	N931L91813
Q9A2	260P108O1	TRANSISTOR-CHIP	DTC144EUA		N931L91713
Q9A3	260M061O6	TRANSISTOR-CHIP	2SA1037AKT146R		N931L91713
Q9B1	260P72510	TRANSISTOR	2SC3852	25W 60V 3A	N931L91813
Q9B2	260M061O6	TRANSISTOR-CHIP	2SA1037AKT146R		N931L91713
Q9B3	260P108O1	TRANSISTOR-CHIP	DTC144EUA		N931L91713
Q9C1	260P72510	TRANSISTOR	2SC3852	25W 60V 3A	N931L91813
Q9C2	260M061O6	TRANSISTOR-CHIP	2SA1037AKT146R		N931L91713
Q9C3	260M061O5	TRANSISTOR-CHIP	2SC2412K T146 S		N931L91713
Q9C4	260M061O5	TRANSISTOR-CHIP	2SC2412K T146 S		N931L91713
Q9F1	260P72510	TRANSISTOR	2SC3852	25W 60V 3A	N931L91813
Q9F2	260M061O6	TRANSISTOR-CHIP	2SA1037AKT146R		N931L91713
Q9F3	260P108O1	TRANSISTOR-CHIP	DTC144EUA		N931L91713
Q9F4	260M061O5	TRANSISTOR-CHIP	2SC2412K T146 S		N931L91713
Q9F5	260M061O5	TRANSISTOR-CHIP	2SC2412K T146 S		N931L91713
Q9F6	260M061O6	TRANSISTOR-CHIP	2SA1037AKT146R		N931L91713
Q9J1	260M061O6	TRANSISTOR-CHIP	2SA1037AKT146R		N931L91713
R101	103L29909	R-CHIP	RMC1/16JTP	1/10W 0 1608	N931L91713
R102	103P151O3	R-CHIP	RMC1/16S101JTH	1/16W 101J 1005	N931L91713
R103	103P151O3	R-CHIP	RMC1/16S101JTH	1/16W 101J 1005	N931L91713
R105	103P153O7	R-CHIP	RMC1/16S103JTH	1/16W 103J 1005	N931L91713
R106	103P153O7	R-CHIP	RMC1/16S103JTH	1/16W 103J 1005	N931L91713
R107	103P163O3	R-CHIP	RMC1/16S472FTH	1/16W 472F 1005	N931L91713
R108	103P163O7	R-CHIP	RMC1/16S103FTH	1/16W 103F 1005	N931L91713
R109	103P163O5	R-CHIP	RMC1/16S682FTH	1/16W 682F 1005	N931L91713
R110	103P163O4	R-CHIP	RMC1/16S562FTH	1/16W 562F 1005	N931L91713
R111	103P163O6	R-CHIP	RMC1/16S822FTH	1/16W 822F 1005	N931L91713
R112	103P163O7	R-CHIP	RMC1/16S103FTH	1/16W 103F 1005	N931L91713
R115	103P153O3	R-CHIP	RMC1/16S472JTH	1/16W 472J 1005	N931L91713
R116	103P153O3	R-CHIP	RMC1/16S472JTH	1/16W 472J 1005	N931L91713
R121	103P153O7	R-CHIP	RMC1/16S103JTH	1/16W 103J 1005	N931L91713
R122	103P154O1	R-CHIP	RMC1/16S223JTH	1/16W 223J 1005	N931L91713
R123	103P154O5	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R124	103P154O5	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R125	103P163O7	R-CHIP	RMC1/16S103FTH	1/16W 103F 1005	N931L91713
R127	103P162O5	R-CHIP	RMC1/16S102FTH	1/16W 102F 1005	N931L91713
R128	103P163O8	R-CHIP	RMC1/16S123FTH	1/16W 123F 1005	N931L91713
R129	103P153O7	R-CHIP	RMC1/16S103JTH	1/16W 103J 1005	N931L91713
R130	103P154O5	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R134	103P155O3	R-CHIP	RMC1/16S224JTH	1/16W 224J 1005	N931L91713
R141	103P154O1	R-CHIP	RMC1/16S223JTH	1/16W 223J 1005	N931L91713
R142	103P154O1	R-CHIP	RMC1/16S223JTH	1/16W 223J 1005	N931L91713
R145	103P152O5	R-CHIP	RMC1/16S102JTH	1/16W 102J 1005	N931L91713
R146	103P152O5	R-CHIP	RMC1/16S102JTH	1/16W 102J 1005	N931L91713
R147	103P154O9	R-CHIP	RMC1/16S104JTH	1/16W 104J 1005	N931L91713
R148	103P154O9	R-CHIP	RMC1/16S104JTH	1/16W 104J 1005	N931L91713
R149	103P154O9	R-CHIP	RMC1/16S104JTH	1/16W 104J 1005	N931L91713
R150	103P154O9	R-CHIP	RMC1/16S104JTH	1/16W 104J 1005	N931L91713
R151	103P164O1	R-CHIP	RMC1/16S223FTH	1/16W 223F 1005	N931L91713
R152	103P164O1	R-CHIP	RMC1/16S223FTH	1/16W 223F 1005	N931L91713
R153	103P164O6	R-CHIP	RPC03T563F	1/16W 563F 1005	N931L91713
R154	103P164O6	R-CHIP	RPC03T563F	1/16W 563F 1005	N931L91713
R1W1	103P159O9	R-CHIP	RMC1/16SJPTH	1/16W 0 1005	N931L91713
R201	103P152O5	R-CHIP	RMC1/16S102JTH	1/16W 102J 1005	N931L91713
R202	103P152O5	R-CHIP	RMC1/16S102JTH	1/16W 102J 1005	N931L91713
R203	103P152O5	R-CHIP	RMC1/16S102JTH	1/16W 102J 1005	N931L91713
R204	103P152O5	R-CHIP	RMC1/16S102JTH	1/16W 102J 1005	N931L91713
R205	103P154O9	R-CHIP	RMC1/16S104JTH	1/16W 104J 1005	N931L91713
R206	103P154O9	R-CHIP	RMC1/16S104JTH	1/16W 104J 1005	N931L91713

ELECTRICAL PARTS LIST

Ref. No.	Parts No.	Parts Name	Note	Spec.	Base Parts No.
R207	103P15307	R-CHIP	RMC1/16S103JTH	1/16W 103J 1005	N931L91713
R208	103P15307	R-CHIP	RMC1/16S103JTH	1/16W 103J 1005	N931L91713
R209	103P15109	R-CHIP	RMC1/16S331JTH	1/16W 331J 1005	N931L91713
R210	103P15109	R-CHIP	RMC1/16S331JTH	1/16W 331J 1005	N931L91713
R301	103P15109	R-CHIP	RMC1/16S331JTH	1/16W 331J 1005	N931L91713
R303	103P15206	R-CHIP	RMC1/16S122JTH	1/16W 122J 1005	N931L91713
R308	103P15307	R-CHIP	RMC1/16S103JTH	1/16W 103J 1005	N931L91713
R310	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R312	103P15205	R-CHIP	RMC1/16S102JTH	1/16W 102J 1005	N931L91713
R326	103P15909	R-CHIP	RMC1/16SJPTH	1/16W 0 1005	N931L91713
R331	103P50302	R-CHIP	RMC1/16392FTP	1/10W 392F 1608	N931L91713
R332	103P50308	R-CHIP	RMC1/16123FTP	1/10W 123F 1608	N931L91713
R333	103P50307	R-CHIP	RMC1/16103FTP	1/10W 103F 1608	N931L91713
R341	103P16307	R-CHIP	RMC1/16S103FTH	1/16W 103F 1005	N931L91713
R342	103P16307	R-CHIP	RMC1/16S103FTH	1/16W 103F 1005	N931L91713
R343	103P16307	R-CHIP	RMC1/16S103FTH	1/16W 103F 1005	N931L91713
R344	103P16307	R-CHIP	RMC1/16S103FTH	1/16W 103F 1005	N931L91713
R345	103P16309	R-CHIP	RMC1/16S153FTH	1/16W 153F 1005	N931L91713
R346	103P16309	R-CHIP	RMC1/16S153FTH	1/16W 153F 1005	N931L91713
R347	103P16307	R-CHIP	RMC1/16S103FTH	1/16W 103F 1005	N931L91713
R348	103P16307	R-CHIP	RMC1/16S103FTH	1/16W 103F 1005	N931L91713
R349	103P16309	R-CHIP	RMC1/16S153FTH	1/16W 153F 1005	N931L91713
R351	103P50200	R-CHIP	RPC05T391F	1/10W 391F 1608	N931L91713
R352	103P50200	R-CHIP	RPC05T391F	1/10W 391F 1608	N931L91713
R353	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L91713
R354	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L91713
R355	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L91713
R356	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L91713
R359	103P15205	R-CHIP	RMC1/16S102JTH	1/16W 102J 1005	N931L91713
R370	103L29205	R-CHIP	RMC1/16102JTP	1/10W 102J 1608	N931L91713
R371	103L29307	R-CHIP	RMC1/16103JTP	1/10W 103J 1608	N931L91713
R372	103L29205	R-CHIP	RMC1/16102JTP	1/10W 102J 1608	N931L91713
R3C1	103P50301	R-CHIP	RPC05T332F	1/10W 332F 1608	N931L91713
R3C2	103P50308	R-CHIP	RMC1/16123FTP	1/10W 123F 1608	N931L91713
R3C3	103P50307	R-CHIP	RMC1/16103FTP	1/10W 103F 1608	N931L91713
R3C4	103L29108	R-CHIP	RMC1/16271JTP	1/10W 271J 1608	N931L91713
R3C5	103L29909	R-CHIP	RMC1/16JTP	1/10W 0 1608	N931L91713
R3C6	103L29909	R-CHIP	RMC1/16JTP	1/10W 0 1608	N931L91713
R3W1	103L29909	R-CHIP	RMC1/16JTP	1/10W 0 1608	N931L91713
R401	103P15109	R-CHIP	RMC1/16S331JTH	1/16W 331J 1005	N931L91713
R408	103P15307	R-CHIP	RMC1/16S103JTH	1/16W 103J 1005	N931L91713
R411	103P15205	R-CHIP	RMC1/16S102JTH	1/16W 102J 1005	N931L91713
R412	103P15205	R-CHIP	RMC1/16S102JTH	1/16W 102J 1005	N931L91713
R426	103P15909	R-CHIP	RMC1/16SJPTH	1/16W 0 1005	N931L91713
R431	103P50302	R-CHIP	RMC1/16392FTP	1/10W 392F 1608	N931L91713
R432	103P50308	R-CHIP	RMC1/16123FTP	1/10W 123F 1608	N931L91713
R433	103P50307	R-CHIP	RMC1/16103FTP	1/10W 103F 1608	N931L91713
R441	103P16309	R-CHIP	RMC1/16S153FTH	1/16W 153F 1005	N931L91713
R442	103P16309	R-CHIP	RMC1/16S153FTH	1/16W 153F 1005	N931L91713
R443	103P16309	R-CHIP	RMC1/16S153FTH	1/16W 153F 1005	N931L91713
R444	103P16307	R-CHIP	RMC1/16S103FTH	1/16W 103F 1005	N931L91713
R445	103P16400	R-CHIP	RMC1/16S183FTH	1/16W 183F 1005	N931L91713
R446	103P16400	R-CHIP	RMC1/16S183FTH	1/16W 183F 1005	N931L91713
R447	103P16307	R-CHIP	RMC1/16S103FTH	1/16W 103F 1005	N931L91713
R448	103P16307	R-CHIP	RMC1/16S103FTH	1/16W 103F 1005	N931L91713
R449	103P16400	R-CHIP	RMC1/16S183FTH	1/16W 183F 1005	N931L91713
R451	103P50200	R-CHIP	RPC05T391F	1/10W 391F 1608	N931L91713
R452	103P50200	R-CHIP	RPC05T391F	1/10W 391F 1608	N931L91713
R453	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L91713
R454	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L91713
R455	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L91713
R456	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L91713
R459	103P15205	R-CHIP	RMC1/16S102JTH	1/16W 102J 1005	N931L91713
R4A1	103L29007	R-CHIP	RMC1/16330JTP	1/10W 330J 1608	N931L91713

Ref. No.	Parts No.	Parts Name	Note	Spec.	Base Parts No.
R4A2	103L29007	R-CHIP	RMC1/16330JTP	1/10W 330J 1608	N931L91713
R4A3	103L29007	R-CHIP	RMC1/16330JTP	1/10W 330J 1608	N931L91713
R4A4	103L29007	R-CHIP	RMC1/16330JTP	1/10W 330J 1608	N931L91713
R4A5	103L29007	R-CHIP	RMC1/16330JTP	1/10W 330J 1608	N931L91713
R4A6	103L29007	R-CHIP	RMC1/16330JTP	1/10W 330J 1608	N931L91713
R4W1	103L24909	R-CHIP	RMC1/8JPATP	1/4W 0 3216	N931L91713
R551	103P50200	R-CHIP	RPC05T391F	1/10W 391F 1608	N931L91713
R552	103P50200	R-CHIP	RPC05T391F	1/10W 391F 1608	N931L91713
R553	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L91713
R554	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L91713
R555	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L91713
R556	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L91713
R559	103P15205	R-CHIP	RMC1/16S102JTH	1/16W 102J 1005	N931L91713
R651	103P50200	R-CHIP	RPC05T391F	1/10W 391F 1608	N931L91713
R652	103P50200	R-CHIP	RPC05T391F	1/10W 391F 1608	N931L91713
R653	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L91713
R654	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L91713
R655	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L91713
R656	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L91713
R657	103L29909	R-CHIP	RMC1/16JTP	1/10W 0 1608	N931L91713
R658	103L29909	R-CHIP	RMC1/16JTP	1/10W 0 1608	N931L91713
R659	103P15205	R-CHIP	RMC1/16S102JTH	1/16W 102J 1005	N931L91713
R660	103L29909	R-CHIP	RMC1/16JTP	1/10W 0 1608	N931L91713
R661	103L29909	R-CHIP	RMC1/16JTP	1/10W 0 1608	N931L91713
R704	103L24103	R-CHIP	RMC1/8101JATP	1/4W 101J 3216	N931L91713
R705	103L24103	R-CHIP	RMC1/8101JATP	1/4W 101J 3216	N931L91713
R713	103L24103	R-CHIP	RMC1/8101JATP	1/4W 101J 3216	N931L91713
R801	103P15103	R-CHIP	RMC1/16S101JTH	1/16W 101J 1005	N931L91713
R802	103P15103	R-CHIP	RMC1/16S101JTH	1/16W 101J 1005	N931L91713
R803	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R804	103P15402	R-CHIP	RMC1/16S273JTH	1/16W 273J 1005	N931L91713
R805	103P15300	R-CHIP	RMC1/16S272JTH	1/16W 272J 1005	N931L91713
R806	103P15300	R-CHIP	RMC1/16S272JTH	1/16W 272J 1005	N931L91713
R807	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R808	103P16107	R-CHIP	RPC03T221F	1/16W 221F 1005	N931L91713
R809	103P15402	R-CHIP	RMC1/16S273JTH	1/16W 273J 1005	N931L91713
R810	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R811	103P15503	R-CHIP	RMC1/16S224JTH	1/16W 224J 1005	N931L91713
R812	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R813	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R814	103P15402	R-CHIP	RMC1/16S273JTH	1/16W 273J 1005	N931L91713
R815	103P15103	R-CHIP	RMC1/16S101JTH	1/16W 101J 1005	N931L91713
R816	103P15103	R-CHIP	RMC1/16S101JTH	1/16W 101J 1005	N931L91713
R817	103P15007	R-CHIP	RMC1/16S330JTH	1/16W 330J 1005	N931L91713
R818	103P15909	R-CHIP	RMC1/16SJPTH	1/16W 0 1005	N931L91713
R819	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R820	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R824	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R825	103P15401	R-CHIP	RMC1/16S223JTH	1/16W 223J 1005	N931L91713
R826	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R827	103P15205	R-CHIP	RMC1/16S102JTH	1/16W 102J 1005	N931L91713
R828	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R829	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R830	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R831	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R832	103P16409	R-CHIP	RMC1/16S104FTH	1/16W 104F 1005	N931L91713
R833	103P16401	R-CHIP	RMC1/16S223FTH	1/16W 223F 1005	N931L91713
R834	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R835	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R836	103L29402	R-CHIP	RMC1/16273JTP	1/10W 273J 1608	N931L91713
R837	103L29303	R-CHIP	RMC1/16472JTP	1/10W 472J 1608	N931L91713
R838	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R839	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R840	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713

ELECTRICAL PARTS LIST

Ref. No.	Parts No.	Parts Name	Note	Spec.	Base Parts No.
R841	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R842	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R843	103P15103	R-CHIP	RMC1/16S101JTH	1/16W 101J 1005	N931L91713
R844	103P15307	R-CHIP	RMC1/16S103JTH	1/16W 103J 1005	N931L91713
R845	103L24103	R-CHIP	RMC1/8101JATP	1/4W 101J 3216	N931L91713
R846	103L24103	R-CHIP	RMC1/8101JATP	1/4W 101J 3216	N931L91713
R847	103L24101	R-CHIP	RMC1/8680JATP	1/4W 680J 3216	N931L91713
R850	103P15909	R-CHIP	RMC1/16SJPTH	1/16W 0 1005	N931L91713
R850A	103P15106	R-CHIP	RPC03T181J	1/16W 181J 1005	N931L91713
R850B	103P15106	R-CHIP	RPC03T181J	1/16W 181J 1005	N931L91713
R851	103P16405	R-CHIP	RMC1/16S473FTH	1/16W 473F 1005	N931L91713
R852	103P16308	R-CHIP	RMC1/16S123FTH	1/16W 123F 1005	N931L91713
R853	103P15103	R-CHIP	RMC1/16S101JTH	1/16W 101J 1005	N931L91713
R854	103P15103	R-CHIP	RMC1/16S101JTH	1/16W 101J 1005	N931L91713
R855	103P15307	R-CHIP	RMC1/16S103JTH	1/16W 103J 1005	N931L91713
R857	103P15205	R-CHIP	RMC1/16S102JTH	1/16W 102J 1005	N931L91713
R858	103P15205	R-CHIP	RMC1/16S102JTH	1/16W 102J 1005	N931L91713
R859	103P15909	R-CHIP	RMC1/16SJPTH	1/16W 0 1005	N931L91713
R861	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R862	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R864	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R865	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R866	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R867	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R867A	103P15109	R-CHIP	RMC1/16S331JTH	1/16W 331J 1005	N931L91713
R868	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R868A	103P15109	R-CHIP	RMC1/16S331JTH	1/16W 331J 1005	N931L91713
R869	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R869A	103P15109	R-CHIP	RMC1/16S331JTH	1/16W 331J 1005	N931L91713
R870	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R870A	103P15109	R-CHIP	RMC1/16S331JTH	1/16W 331J 1005	N931L91713
R871	103P15909	R-CHIP	RMC1/16SJPTH	1/16W 0 1005	N931L91713
R871A	103P15109	R-CHIP	RMC1/16S331JTH	1/16W 331J 1005	N931L91713
R872	103P15909	R-CHIP	RMC1/16SJPTH	1/16W 0 1005	N931L91713
R872A	103P15109	R-CHIP	RMC1/16S331JTH	1/16W 331J 1005	N931L91713
R873	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R873A	103P15109	R-CHIP	RMC1/16S331JTH	1/16W 331J 1005	N931L91713
R874	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R874A	103P15109	R-CHIP	RMC1/16S331JTH	1/16W 331J 1005	N931L91713
R875	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R875A	103P15109	R-CHIP	RMC1/16S331JTH	1/16W 331J 1005	N931L91713
R876	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R876A	103P15909	R-CHIP	RMC1/16SJPTH	1/16W 0 1005	N931L91713
R877	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R878	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R879	103P16309	R-CHIP	RMC1/16S153FTH	1/16W 153F 1005	N931L91713
R880	103P16309	R-CHIP	RMC1/16S153FTH	1/16W 153F 1005	N931L91713
R881	103L29309	R-CHIP	RMC1/16153JTP	1/10W 153J 1608	N931L91713
R882	103L29309	R-CHIP	RMC1/16153JTP	1/10W 153J 1608	N931L91713
R883	103L24006	R-CHIP	RMC1/8270JATP	1/4W 270J 3216	N931L91713
R884	103L24006	R-CHIP	RMC1/8270JATP	1/4W 270J 3216	N931L91713
R885	103L29201	R-CHIP	RMC1/16471JTP	1/10W 471J 1608	N931L91713
R886	103P15401	R-CHIP	RMC1/16S223JTH	1/16W 223J 1005	N931L91713
R887	103P15909	R-CHIP	RMC1/16SJPTH	1/16W 0 1005	N931L91713
R890	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R891	103P15909	R-CHIP	RMC1/16SJPTH	1/16W 0 1005	N931L91713
R892	103P15909	R-CHIP	RMC1/16SJPTH	1/16W 0 1005	N931L91713
R893	103P15909	R-CHIP	RMC1/16SJPTH	1/16W 0 1005	N931L91713
R894	103P15007	R-CHIP	RMC1/16S330JTH	1/16W 330J 1005	N931L91713
R895	103P15007	R-CHIP	RMC1/16S330JTH	1/16W 330J 1005	N931L91713
R896	103P15007	R-CHIP	RMC1/16S330JTH	1/16W 330J 1005	N931L91713
R897	103P15007	R-CHIP	RMC1/16S330JTH	1/16W 330J 1005	N931L91713
R899	103P15207	R-CHIP	RMC1/16S152JTH	1/16W 152J 1005	N931L91713
R8E1	103L24205	R-CHIP	RMC1/8102JATP	1/4W 102J 3216	N931L91713

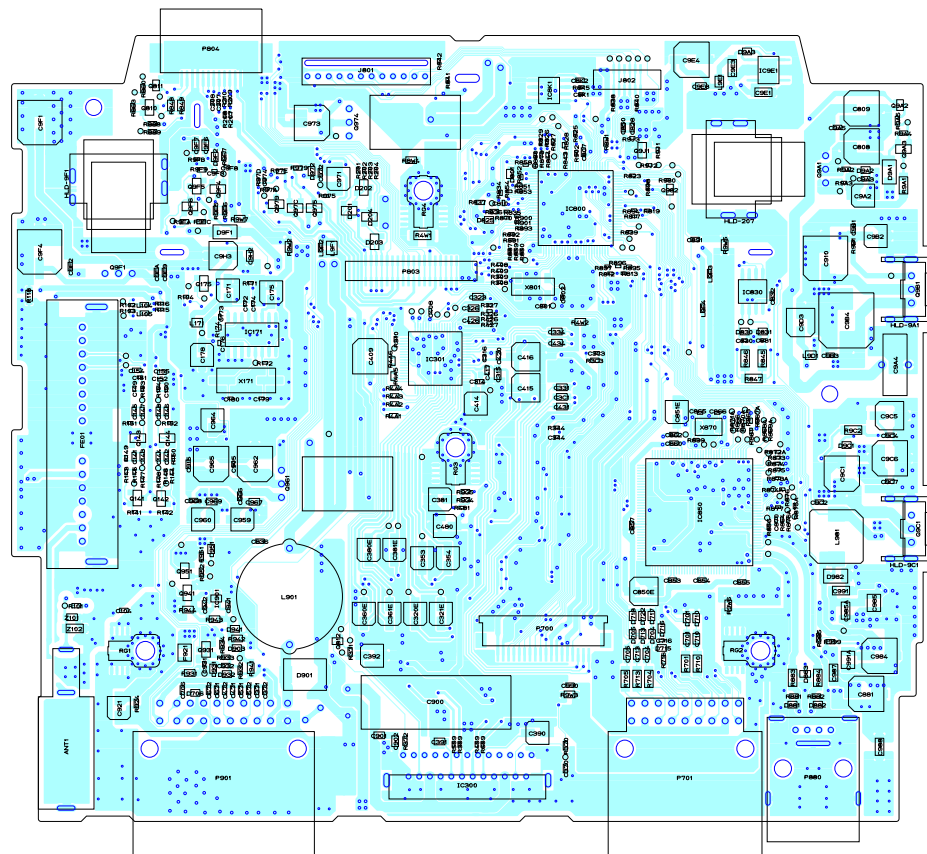
Ref. No.	Parts No.	Parts Name	Note	Spec.	Base Parts No.
R8E2	103L24205	R-CHIP	RMC1/8102JATP	1/4W 102J 3216	N931L91713
R8E4	103P15402	R-CHIP	RMC1/16S273JTH	1/16W 273J 1005	N931L91713
R8E5	103P15402	R-CHIP	RMC1/16S273JTH	1/16W 273J 1005	N931L91713
R8K1	103P15307	R-CHIP	RMC1/16S103JTH	1/16W 103J 1005	N931L91713
R8K5	103P15405	R-CHIP	RMC1/16S473JTH	1/16W 473J 1005	N931L91713
R8K6	103P15307	R-CHIP	RMC1/16S103JTH	1/16W 103J 1005	N931L91713
R8K7	103P15307	R-CHIP	RMC1/16S103JTH	1/16W 103J 1005	N931L91713
R8W1	103L29909	R-CHIP	RMC1/16JTP	1/10W 0 1608	N931L91713
R8W2	103L29909	R-CHIP	RMC1/16JTP	1/10W 0 1608	N931L91713
R8W3	103P15909	R-CHIP	RMC1/16SJPTH	1/16W 0 1005	N931L91713
R900	103P15909	R-CHIP	RMC1/16SJPTH	1/16W 0 1005	N931L91713
R901	103P15909	R-CHIP	RMC1/16SJPTH	1/16W 0 1005	N931L91713
R901	103P50205	R-CHIP	RMC1/16102FTP	1/10W 102F 1608	N931L43210
R902	103P15007	R-CHIP	RMC1/16S330JTH	1/16W 330J 1005	N931L91713
R902	103P50206	R-CHIP	RPC05T122F	1/10W 122F 1608	N931L43210
R903	103P50207	R-CHIP	RMC1/16152FTP	1/10W 152F 1608	N931L43210
R904	103P50208	R-CHIP	RMC1/16182FTP	1/10W 182F 1608	N931L43210
R905	103P50300	R-CHIP	RMC1/16272FTP	1/10W 272F 1608	N931L43210
R906	103P50301	R-CHIP	RPC05T332F	1/10W 332F 1608	N931L43210
R907	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L43210
R908	103P50205	R-CHIP	RMC1/16102FTP	1/10W 102F 1608	N931L43210
R909	103P50206	R-CHIP	RPC05T122F	1/10W 122F 1608	N931L43210
R910	103P50207	R-CHIP	RMC1/16152FTP	1/10W 152F 1608	N931L43210
R911	103P50208	R-CHIP	RMC1/16182FTP	1/10W 182F 1608	N931L43210
R912	103P50300	R-CHIP	RMC1/16272FTP	1/10W 272F 1608	N931L43210
R913	103P50301	R-CHIP	RPC05T332F	1/10W 332F 1608	N931L43210
R914	103P50304	R-CHIP	RMC1/16562FTP	1/10W 562F 1608	N931L43210
R917	103L29308	R-CHIP	RMC1/16123JTP	1/10W 123J 1608	N931L91713
R918	103L19205	R-CHIP	RMC1/10102JATP	1/8W 102J 2125	N931L91713
R919	103L29405	R-CHIP	RMC1/16473JTP	1/10W 473J 1608	N931L91713
R920	103L29403	R-CHIP	RMC1/16333JTP	1/10W 333J 1608	N931L91713
R921	103L29307	R-CHIP	RMC1/16103JTP	1/10W 103J 1608	N931L91713
R922	103L24300	R-CHIP	RMC1/8272JATP	1/4W 272J 3216	N931L91713
R923	103L24300	R-CHIP	RMC1/8272JATP	1/4W 272J 3216	N931L91713
R924	103L29307	R-CHIP	RMC1/16103JTP	1/10W 103J 1608	N931L91713
R931	103L19205	R-CHIP	RMC1/10102JATP	1/8W 102J 2125	N931L91713
R932	103L29403	R-CHIP	RMC1/16333JTP	1/10W 333J 1608	N931L91713
R933	103L29405	R-CHIP	RMC1/16473JTP	1/10W 473J 1608	N931L91713
R934	103L29308	R-CHIP	RMC1/16123JTP	1/10W 123J 1608	N931L91713
R941	103L25303	R-CHIP	RMC1/10472FATP	1/8W 472F 2125	N931L91713
R942	103L25300	R-CHIP	RMC1/10272FATP	1/8W 272F 2125	N931L91713
R943	103L19409	R-CHIP	RMC1/10104JATP	1/8W 104J 2125	N931L91713
R951	103L29409	R-CHIP	RMC1/16104JTP	1/10W 104J 1608	N931L91713
R952	103L29409	R-CHIP	RMC1/16104JTP	1/10W 104J 1608	N931L91713
R953	103L19405	R-CHIP	RMC1/10473JATP	1/8W 473J 2125	N931L91713
R954	103L19307	R-CHIP	RMC1/10103JATP	1/8W 103J 2125	N931L91713
R958	103L19205	R-CHIP	RMC1/10102JATP	1/8W 102J 2125	N931L43210
R960	103L19205	R-CHIP	RMC1/10102JATP	1/8W 102J 2125	N931L43210
R961	103P15103	R-CHIP	RMC1/16S101JTH	1/16W 101J 1005	N931L91713
R962	103L19205	R-CHIP	RMC1/16102JTP	1/10W 102J 1608	N931L91713
R962	103L19205	R-CHIP	RMC1/10102JATP	1/8W 102J 2125	N931L43210
R963	103L29303	R-CHIP	RMC1/16472JTP	1/10W 472J 1608	N931L91713
R964	103L29303	R-CHIP	RMC1/16472JTP	1/10W 472J 1608	N931L91713
R964	103L19205	R-CHIP	RMC1/10102JATP	1/8W 102J 2125	N931L43210
R966	103L19205	R-CHIP	RMC1/10102JATP	1/8W 102J 2125	N931L43210
R968	103L19205	R-CHIP	RMC1/10102JATP	1/8W 102J 2125	N931L43210
R971	103L19909	R-CHIP	RMC1/10JPATP	1/8W 0 2125	N931L91713
R972	103L29400	R-CHIP	RMC1/16183JTP	1/10W 183J 1608	N931L91713
R973	103L24202	R-CHIP	RMC1/8561JATP	1/4W 561J 3216	N931L91713
R974	103L29400	R-CHIP	RMC1/16183JTP	1/10W 183J 1608	N931L91713
R975	103P15103	R-CHIP	RMC1/16S101JTH	1/16W 101J 1005	N931L91713
R976	103P15302	R-CHIP	RMC1/16S392JTH	1/16W 392J 1005	N931L91713
R978	103L29302	R-CHIP	RMC1/16392JTP	1/10W 392J 1608	N931L91713
R97A	103P15209	R-CHIP	RMC1/16S222JTH	1/16W 222J 1005	N931L91713

[illegible]

PARTS LAYOUT ON PRINTED CIRCUIT BOARD

MODEL : DY-1MU3E21-T (PARTS SIDE)

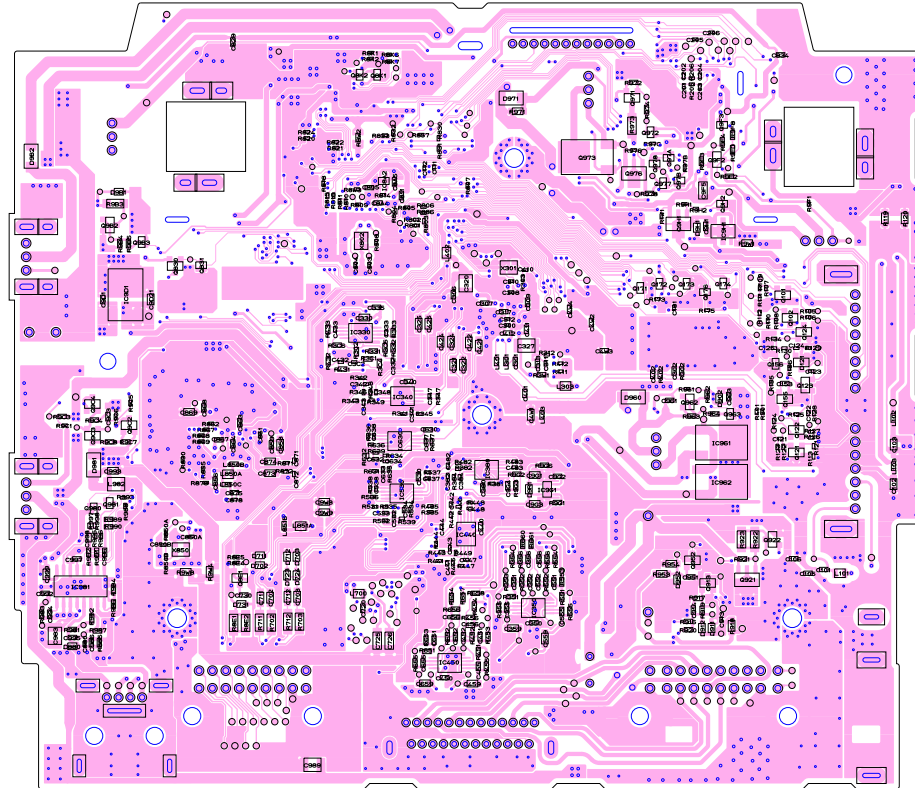
PCB-MAIN



PARTS LAYOUT ON PRINTED CIRCUIT BOARD

MODEL : DY-1MU3E21-T (PATTERN SIDE)

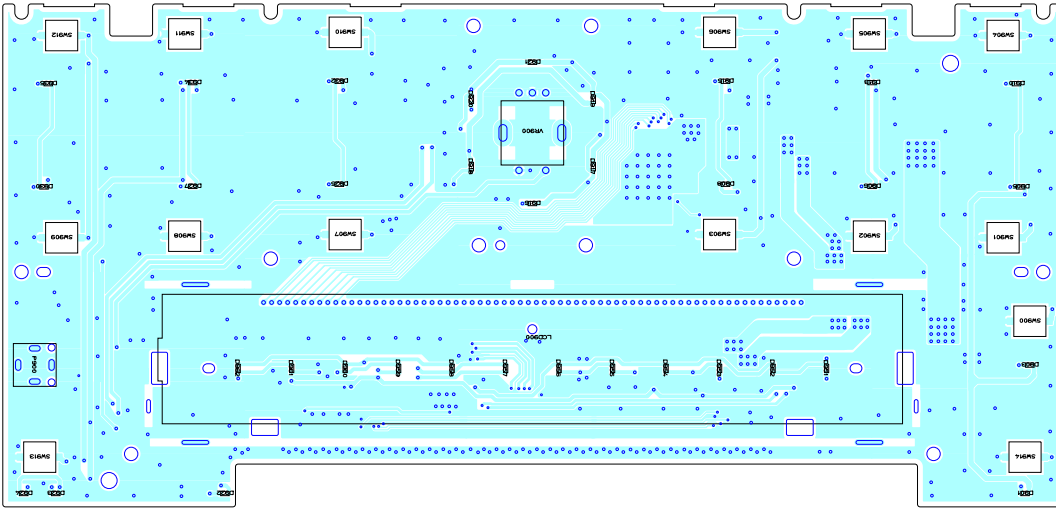
PCB-MAIN



PARTS LAYOUT ON PRINTED CIRCUIT BOARD

MODEL : DY-1MU3E21-T (PARTS SIDE)

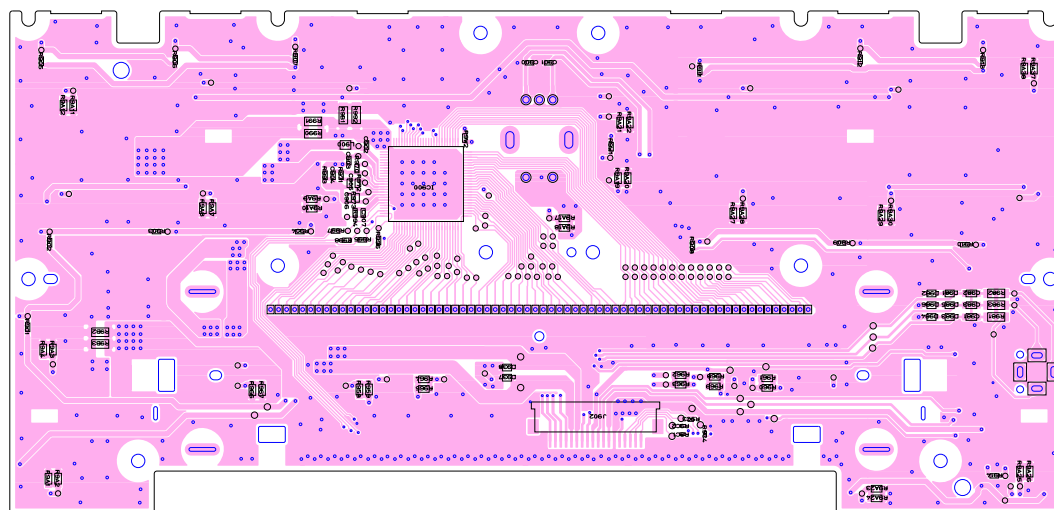
PCB-PANEL



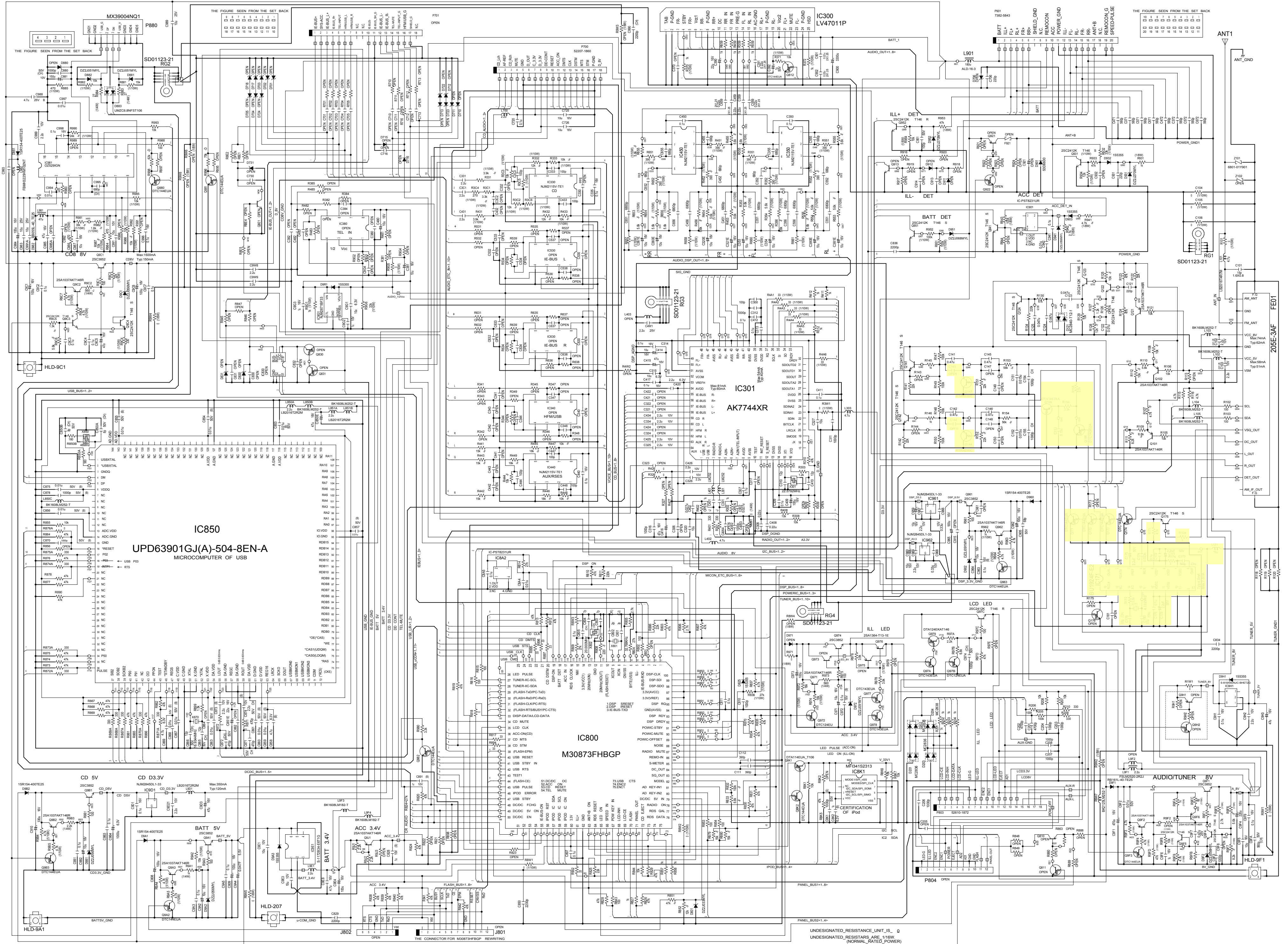
PARTS LAYOUT ON PRINTED CIRCUIT BOARD

MODEL : DY-1MU3E21-T (PATTERN SIDE)

PCB-PANEL



SCHEMATIC DIAGRAM PCB-MAIN VOL.1 MODEL : DY-1MU3E21-T

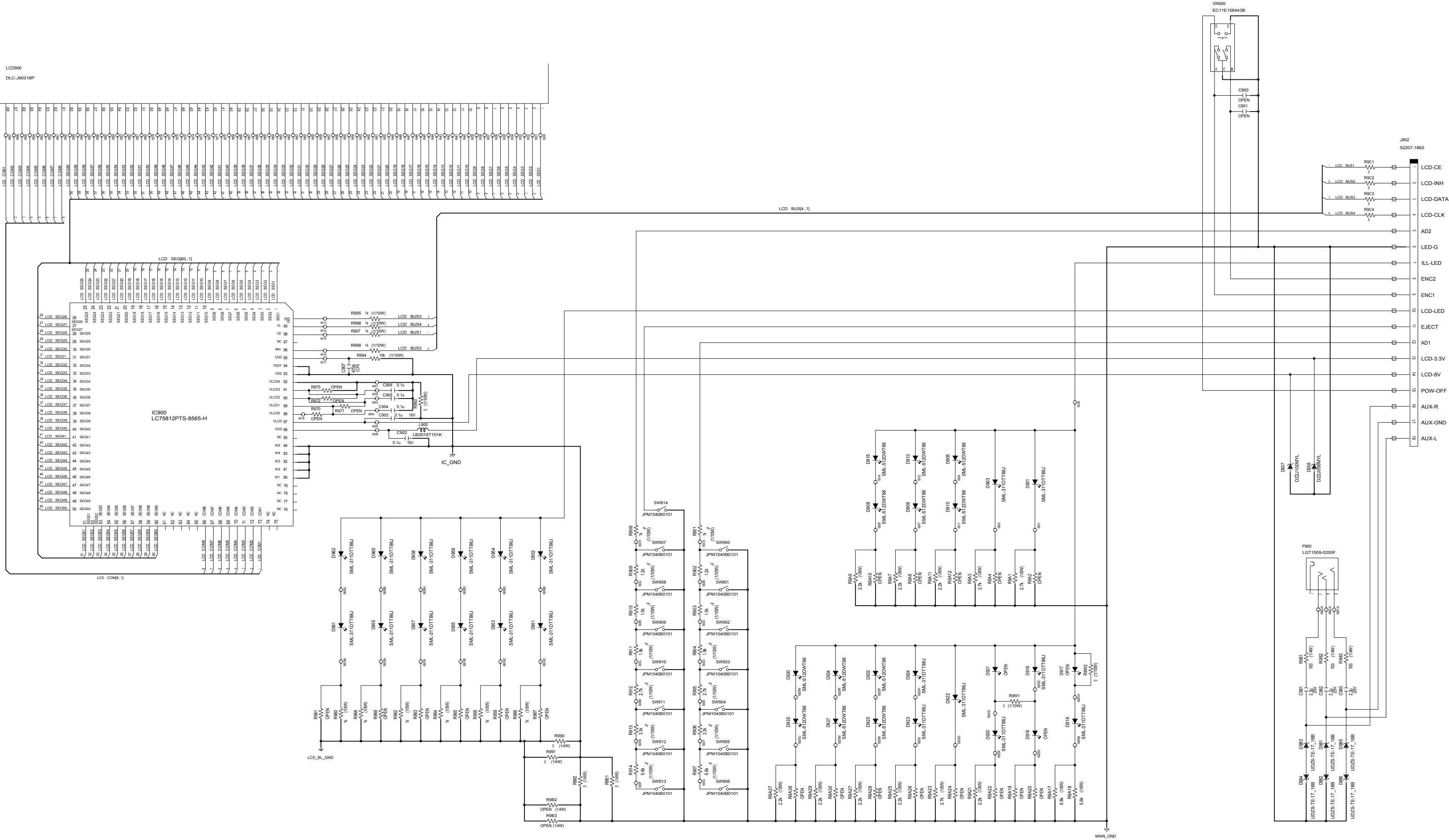


SCHEMATIC DIAGRAM PCB-MAIN VOL.2 MODEL : DY-1MU3E21-T

The change table according to model

10	DY-1ME3E21-T	11	DY-1MX3E21-T	12	DY-1MJ3E21-T	13	DY-1MU3E21-T	14	DY-1MX3E21-2-T	15	DY-1ME3E21-2-T
C121	220p_50V_(B)	OPEN	OPEN	OPEN	220p_50V_(B)	OPEN	OPEN	OPEN	220p_50V_(B)	OPEN	220p_50V_(B)
C122	0.01u_25V_(B)	OPEN	OPEN	OPEN	0.01u_25V_(B)	OPEN	OPEN	OPEN	0.01u_25V_(B)	OPEN	0.01u_25V_(B)
C123	0.047u_10V_(B)	OPEN	OPEN	OPEN	0.047u_10V_(B)	OPEN	OPEN	OPEN	0.047u_10V_(B)	OPEN	0.047u_10V_(B)
C124	0.047u_10V_(B)	OPEN	OPEN	OPEN	0.047u_10V_(B)	OPEN	OPEN	OPEN	0.047u_10V_(B)	OPEN	0.047u_10V_(B)
C125	0.047u_10V_(B)	OPEN	OPEN	OPEN	0.047u_10V_(B)	OPEN	OPEN	OPEN	0.047u_10V_(B)	OPEN	0.047u_10V_(B)
C141	0.47u_10V_(B)	0.47u_10V_(B)	0.047u_10V_(B)	0.047u_10V_(B)	0.47u_10V_(B)	0.47u_10V_(B)	0.47u_10V_(B)	0.47u_10V_(B)	0.47u_10V_(B)	0.47u_10V_(B)	0.47u_10V_(B)
C142	0.47u_10V_(B)	0.47u_10V_(B)	0.047u_10V_(B)	0.47u_10V_(B)	0.47u_10V_(B)	0.47u_10V_(B)	0.47u_10V_(B)	0.47u_10V_(B)	0.47u_10V_(B)	0.47u_10V_(B)	0.47u_10V_(B)
C143	OPEN	OPEN	0.01u_50V_(B)	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C144	OPEN	OPEN	0.01u_50V_(B)	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C153	0.1u_1u_(B)	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C171	2.2uF_50V	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2.2uF_50V	OPEN	2.2uF_50V
C172	0.1u_10V_(B)	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1u_10V_(B)	OPEN	0.1u_10V_(B)
C173	560p_50V_(CH)	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	560p_50V_(CH)	OPEN	560p_50V_(CH)
C174	0.003u_10V_(B)	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.003u_10V_(B)	OPEN	0.003u_10V_(B)
C175	2.2uF_50V	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2.2uF_50V	OPEN	2.2uF_50V
C176	0.1u_10V_(B)	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1u_10V_(B)	OPEN	0.1u_10V_(B)
C178	2.2uF_50V	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2.2uF_50V	OPEN	2.2uF_50V
C179	33p_50V_(CH)	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	33p_50V_(CH)	OPEN	33p_50V_(CH)
C180	33p_50V_(CH)	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	33p_50V_(CH)	OPEN	33p_50V_(CH)
C24	OPEN	OPEN	OPEN	2.2u_10V_(B)	2.2u_10V_(B)	2.2u_10V_(B)	2.2u_10V_(B)	OPEN	2.2u_10V_(B)	OPEN	2.2u_10V_(B)
C340	OPEN	OPEN	OPEN	0.1u_10V_(B)	0.1u_10V_(B)	0.1u_10V_(B)	0.1u_10V_(B)	OPEN	0.1u_10V_(B)	OPEN	0.1u_10V_(B)
C344	OPEN	OPEN	OPEN	100p_50V_(CH)	100p_50V_(CH)	100p_50V_(CH)	100p_50V_(CH)	OPEN	100p_50V_(CH)	OPEN	100p_50V_(CH)
C347	OPEN	OPEN	OPEN	100p_50V_(CH)	100p_50V_(CH)	100p_50V_(CH)	100p_50V_(CH)	OPEN	100p_50V_(CH)	OPEN	100p_50V_(CH)
C348	OPEN	OPEN	OPEN	100p_50V_(CH)	100p_50V_(CH)	100p_50V_(CH)	100p_50V_(CH)	OPEN	100p_50V_(CH)	OPEN	100p_50V_(CH)
C404	OPEN	OPEN	OPEN	2.2u_10V_(B)	2.2u_10V_(B)	2.2u_10V_(B)	2.2u_10V_(B)	OPEN	2.2u_10V_(B)	OPEN	2.2u_10V_(B)
C704	OPEN	OPEN	OPEN	1u_25V_(R)	1u_25V_(R)	1u_25V_(R)	1u_25V_(R)	OPEN	1u_25V_(R)	OPEN	1u_25V_(R)
C705	OPEN	OPEN	OPEN	1u_25V_(R)	1u_25V_(R)	1u_25V_(R)	1u_25V_(R)	OPEN	1u_25V_(R)	OPEN	1u_25V_(R)
C713	OPEN	OPEN	OPEN	1u_25V_(R)	1u_25V_(R)	1u_25V_(R)	1u_25V_(R)	OPEN	1u_25V_(R)	OPEN	1u_25V_(R)
C730	OPEN	OPEN	OPEN	220p_50V_(CH)	220p_50V_(CH)	220p_50V_(CH)	220p_50V_(CH)	OPEN	220p_50V_(CH)	OPEN	220p_50V_(CH)
C830	OPEN	OPEN	OPEN	1000p_50V_(B)	1000p_50V_(B)	1000p_50V_(B)	1000p_50V_(B)	OPEN	1000p_50V_(B)	OPEN	1000p_50V_(B)
C831	OPEN	OPEN	OPEN	1000p_50V_(B)	1000p_50V_(B)	1000p_50V_(B)	1000p_50V_(B)	OPEN	1000p_50V_(B)	OPEN	1000p_50V_(B)
C832	OPEN	OPEN	OPEN	1u_10V_(B)	1u_10V_(B)	1u_10V_(B)	1u_10V_(B)	OPEN	1u_10V_(B)	OPEN	1u_10V_(B)
C913	OPEN	OPEN	OPEN	220p_50V_(B)	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C914	OPEN	OPEN	OPEN	0.01u_50V_(B)	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C921	OPEN	OPEN	OPEN	4.7uF_30V	4.7uF_30V	4.7uF_30V	4.7uF_30V	OPEN	4.7uF_30V	OPEN	4.7uF_30V
C931	220p_50V_(B)	OPEN	OPEN	220p_50V_(B)	220p_50V_(B)	220p_50V_(B)	220p_50V_(B)	OPEN	220p_50V_(B)	OPEN	220p_50V_(B)
C944	0.047F_5.5V	0.047F_5.5V	0.047F_5.5V	0.1F_5.5V	0.1F_5.5V	0.1F_5.5V	0.1F_5.5V	OPEN	0.047F_5.5V	OPEN	0.047F_5.5V
D121	MC2840-T12-1	OPEN	OPEN	MC2840-T12-1	OPEN	OPEN	MC2840-T12	OPEN	MC2840-T12	OPEN	MC2840-T12
D704	OPEN	OPEN	OPEN	D22J180MYL	D22J180MYL	D22J180MYL	D22J180MYL	OPEN	D22J180MYL	OPEN	D22J180MYL
D705	OPEN	OPEN	OPEN	D22J180MYL	D22J180MYL	D22J180MYL	D22J180MYL	OPEN	D22J180MYL	OPEN	D22J180MYL
D713	OPEN	OPEN	OPEN	D22J180MYL	D22J180MYL	D22J180MYL	D22J180MYL	OPEN	D22J180MYL	OPEN	D22J180MYL
D717	OPEN	OPEN	OPEN	D22J180MYL	D22J180MYL	D22J180MYL	D22J180MYL	OPEN	D22J180MYL	OPEN	D22J180MYL
D718	OPEN	OPEN	OPEN	D22J180MYL	D22J180MYL	D22J180MYL	D22J180MYL	OPEN	D22J180MYL	OPEN	D22J180MYL
D722	OPEN	OPEN	OPEN	D22J180MYL	D22J180MYL	D22J180MYL	D22J180MYL	OPEN	D22J180MYL	OPEN	D22J180MYL
D731	OPEN	OPEN	OPEN	D22J270MYL	D22J270MYL	D22J270MYL	D22J270MYL	OPEN	D22J270MYL	OPEN	D22J270MYL
D830	OPEN	OPEN	OPEN	D22J056MYL	D22J056MYL	D22J056MYL	D22J056MYL	OPEN	D22J056MYL	OPEN	D22J056MYL
D831	OPEN	OPEN	OPEN	D22J056MYL	D22J056MYL	D22J056MYL	D22J056MYL	OPEN	D22J056MYL	OPEN	D22J056MYL
D911	OPEN	OPEN	OPEN	D22J270MYL	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D912	OPEN	OPEN	OPEN	1S3355	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D931	D22J270MYL	OPEN	OPEN	D22J270MYL	D22J270MYL	D22J270MYL	D22J270MYL	OPEN	D22J270MYL	OPEN	D22J270MYL
D932	1S3355	OPEN	OPEN	1S3355	OPEN	OPEN	1S3355	OPEN	1S3355	OPEN	1S3355
F821	OPEN	OPEN	OPEN	ICP-S0.5TN	ICP-S0.5TN	ICP-S0.5TN	ICP-S0.5TN	OPEN	ICP-S0.5TN	OPEN	ICP-S0.5TN
F821	OPEN	OPEN	OPEN	ICP-S0.5TN	ICP-S0.5TN	ICP-S0.5TN	ICP-S0.5TN	OPEN	ICP-S0.5TN	OPEN	ICP-S0.5TN
F821	209E-3AF (EU)	209E-3AF (EXP)	209E-3AF (EXP)	209E-3AF (DOW)	209E-3AF (N4S)	209E-3AF (EXP)	209E-3AF (EXP)	OPEN	209E-3AF (EU)	OPEN	209E-3AF (EU)
IC171	BU1024F-E2	OPEN	OPEN	OPEN	OPEN	OPEN	BU1024F-E2	OPEN	BU1024F-E2	OPEN	BU1024F-E2
IC340	OPEN	OPEN	OPEN	NJM2110V-TE1	NJM2110V-TE1	NJM2110V-TE1	OPEN	OPEN	OPEN	OPEN	OPEN
IC800	M30873MHB-A83GP	M30873MHB-A78GP	M30873MHB-A83GP	M30876MJB-A85GP	M30876MJB-A85GP	M30876MJB-A85GP	M30873MHB-A83GP	OPEN	M30873MHB-A83GP	OPEN	M30873MHB-A83GP
IC830	OPEN	OPEN	OPEN	HA12240FP	OPEN	OPEN	OPEN	OPEN	HA12240FP	OPEN	HA12240FP
L171	10u_LB2016T100K	OPEN	OPEN	OPEN	OPEN	OPEN	10u_LB2016T100K	OPEN	10u_LB2016T100K	OPEN	10u_LB2016T100K
R701	OPEN	OPEN	OPEN	7302-0804	7302-0804	7302-0804	7302-0804	OPEN	7302-0804	OPEN	7302-0804
Q121	25A1037AKT146R	OPEN	OPEN	25A1037AKT146R	OPEN	OPEN	25A1037AKT146R	OPEN	25A1037AKT146R	OPEN	25A1037AKT146R
Q122	25C2412K T146 S	OPEN	OPEN	25C2412K T146 S	OPEN	OPEN	25C2412K T146 S	OPEN	25C2412K T146 S	OPEN	25C2412K T146 S
Q123	25C2412K T146 S	OPEN	OPEN	25C2412K T146 S	OPEN	OPEN	25C2412K T146 S	OPEN	25C2412K T146 S	OPEN	25C2412K T146 S
Q124	25C2412K T146 S	OPEN	OPEN	25C2412K T146 S	OPEN	OPEN	25C2412K T146 S	OPEN	25C2412K T146 S	OPEN	25C2412K T146 S
Q143	RTAN230C	OPEN	OPEN	OPEN	OPEN	OPEN	RTAN230C	OPEN	RTAN230C	OPEN	RTAN230C
Q144	RTAN230C	OPEN	OPEN	OPEN	OPEN	OPEN	RTAN230C	OPEN	RTAN230C	OPEN	RTAN230C
Q145	DTA144TKA	OPEN	OPEN	OPEN	OPEN	OPEN	DTA144TKA	OPEN	DTA144TKA	OPEN	DTA144TKA
Q158	DTC143EUA	OPEN	OPEN	OPEN	OPEN	OPEN	DTC143EUA	OPEN	DTC143EUA	OPEN	DTC143EUA
Q171	DTC144EUA	OPEN	OPEN	OPEN	OPEN	OPEN	DTC144EUA	OPEN	DTC144EUA	OPEN	DTC144EUA
Q172	DTC144EUA	OPEN	OPEN	OPEN	OPEN	OPEN	DTC144EUA	OPEN	DTC144EUA	OPEN	DTC144EUA
Q173	DTC144EUA	OPEN	OPEN	OPEN	OPEN	OPEN	DTC144EUA	OPEN	DTC144EUA	OPEN	DTC144EUA
Q630	OPEN	OPEN	OPEN	DTA143EKAT146	DTA143EKAT146	DTA143EKAT146	OPEN	OPEN	DTA143EKAT146	OPEN	DTA143EKAT146
Q831	OPEN	OPEN	OPEN	DTC144EUA	DTC144EUA	DTC144EUA	OPEN	OPEN	DTC144EUA	OPEN	DTC144EUA
Q861	OPEN	OPEN	OPEN	25C2412K T146 S	25C2412K T146 S	25C2412K T146 S	OPEN	OPEN	25C2412K T146 S	OPEN	25C2412K T146 S
Q913	OPEN	OPEN	OPEN	25C2412K T146 R	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q921	OPEN	OPEN	OPEN	25A1364-T13-1E	25A1364-T13-1E	25A1364-T13-1E	25A1364-T13-1E	OPEN	25A1364-T13-1E	OPEN	25A1364-T13-1E
Q922	OPEN	OPEN	OPEN	DTC114EKAT146	DTC114EKAT146	DTC114EKAT146	DTC114EKAT146	OPEN	DTC114EKAT146	OPEN	DTC114EKAT146
Q931	25C2412K T146 S	OPEN	OPEN	25C2412K T146 S	25C2412K T146 S	25C2412K T146 S	25C2412K T146 S	OPEN	25C2412K T146 S	OPEN	25C2412K T146 S
R104	0_(116W)	OPEN	OPEN	OPEN	OPEN	OPEN	0_(116W)	OPEN	0_(116W)	OPEN	0_(116W)
R121	10k_-(116W)	OPEN	OPEN	10k_-(116W)	OPEN	OPEN	10k_-(116W)	OPEN	10k_-(116W)	OPEN	10k_-(116W)
R122	22k_-(116W)	OPEN	OPEN	22k_-(116W)	OPEN	OPEN	22k_-(116W)	OPEN	22k_-(116W)	OPEN	22k_-(116W)
R123	47k_-(116W)	OPEN	OPEN	47k_-(116W)	OPEN	OPEN	47k_-(116W)	OPEN	47k_-(116W)	OPEN	47k_-(116W)
R124	47k_-(116W)	OPEN	OPEN	47k_-(116W)	OPEN	OPEN	47k_-(116W)	OPEN	47k_-(116W)	OPEN	47k_-(116W)
R125	10k_-(116W)	OPEN	OPEN	10k_-(116W)	OPEN	OPEN	10k_-(116W)	OPEN	10k_-(116W)	OPEN	10k_-(116W)
R127	1.2k_-(116W)	OPEN	OPEN	1k_-(116W)	OPEN	OPEN	1.2k_-(116W)	OPEN	1.2k_-(116W)	OPEN	1.2k_-(116W)
R128	12k_-(116W)	OPEN	OPEN	10k_-(116W)	OPEN	OPEN	12k_-(116W)	OPEN	12k_-(116W)	OPEN	12k_-(116W)
R129	10k_-(116W)	OPEN	OPEN	10k_-(116W)	OPEN	OPEN	10k_-(116W)	OPEN	10k_-(116W)	OPEN	10k_-(116W)
R130	47k_-(116W)	OPEN	OPEN	47k_-(116W)	OPEN	OPEN	47k_-(116W)	OPEN	47k_-(116W)	OPEN	47k_-(116W)
R134	22k_-(116W)	OPEN	OPEN	22k_-(116W)	OPEN	OPEN	22k_-(116W)	OPEN	22k_-(116W)	OPEN	22k_-(116W)
R155	3.3k_-(116W)	OPEN	OPEN	OPEN	OPEN	OPEN	3.3k_-(116W)	OPEN	3.3k_-(116W)	OPEN	3.3k_-(116W)
R156	3.3k_-(116W)	OPEN	OPEN	OPEN	OPEN	OPEN	3.3k_-(116W)	OPEN	3.3k_-(116W)	OPEN	3.3k_-(116W)
R171	4.7k_-(116W)	OPEN	OPEN	OPEN	OPEN	OPEN	4.7k_-(116W)	OPEN	4.7k_-(116W)	OPEN	4.7k_-(116W)
R172	5.6k_-(116W)	OPEN	OPEN	OPEN	OPEN	OPEN	5.6k_-(116W)	OPEN	5.6k_-(116W)	OPEN	5.6k_-(116W)
R174	0_(116W)	OPEN	OPEN	OPEN	OPEN	OPEN	0_(116W)	OPEN	0_(116W)	OPEN	0_(116W)
R341	OPEN	OPEN	OPEN	10k_-(116W)	10k_-(116W)	10k_-(116W)	OPEN	OPEN	10k_-(116W)	OPEN	10k_-(116W)
R342	OPEN	OPEN	OPEN	10k_-(116W)	10k_-(116W)	10k_-(116W)	OPEN	OPEN	10k_-(116W)	OPEN	10k_-(116W)
R343	OPEN	OPEN	OPEN	10k_-(116W)	10k_-(116W)	10k_-(116W)	OPEN	OPEN	10k_-(116W)	OPEN	10k_-(116W)
R344	OPEN	OPEN	OPEN	10k_-(116W)	10k_-(116W)	10k_-(116W)	OPEN	OPEN	10k_-(116W)	OPEN	10k_-(116W)
R345	OPEN	OPEN	OPEN	10k_-(116W)	10k_-(116W)	10k_-(116W)	OPEN	OPEN	10k_-(116W)	OPEN	10k_-(116W)
R346	OPEN	OPEN	OPEN	10k_-(116W)	10k_-(116W)	10k_-(116W)	OPEN	OPEN	10k_-(116W)	OPEN	10k_-(116W)
R347	OPEN	OPEN	OPEN	10k_-(116W)	10k_-(116W)	10k_-(116W)	OPEN	OPEN	10k_-(116W)	OPEN	10k_-(116W)
R348	OPEN	OPEN	OPEN	10k_-(116W)	10k_-(116W)	10k_-(116W)	OPEN	OPEN	10k_-(116W)	OPEN	10k_-(116W)
R											

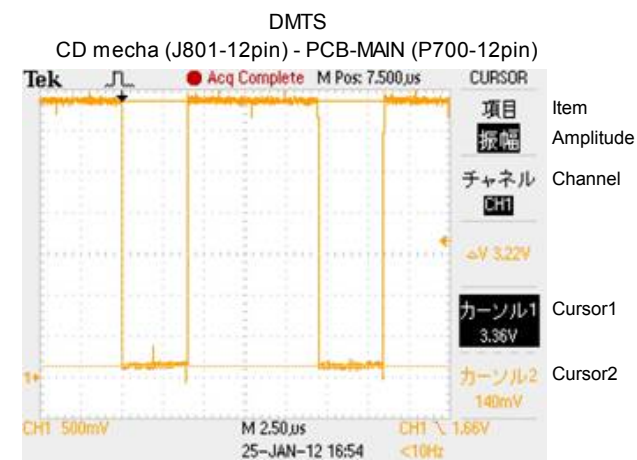
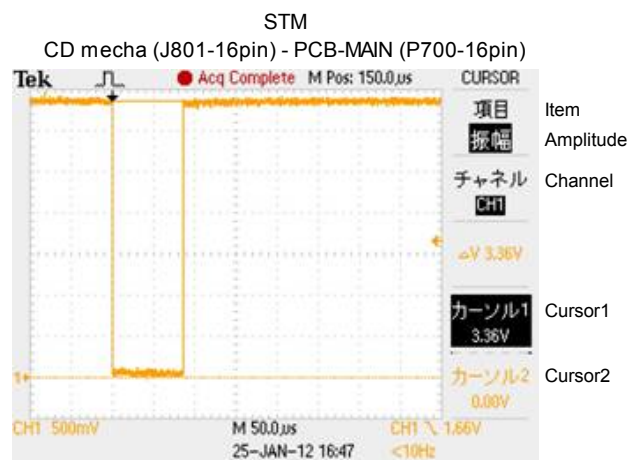
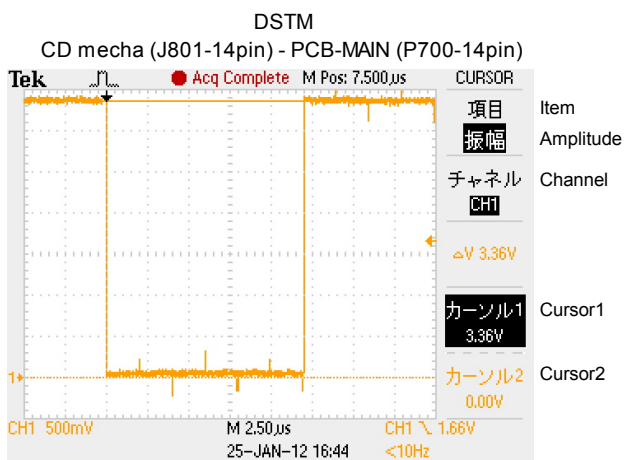
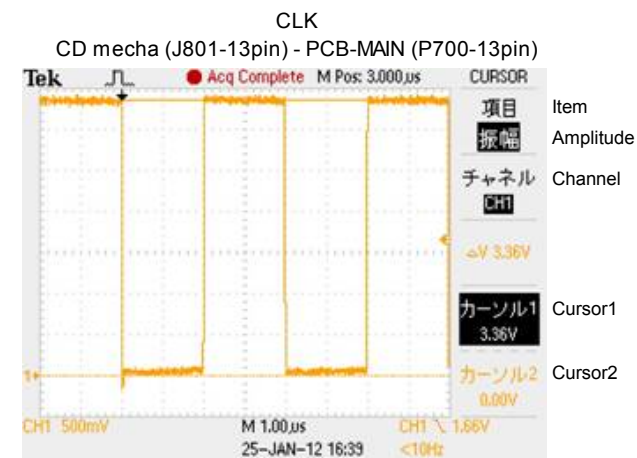
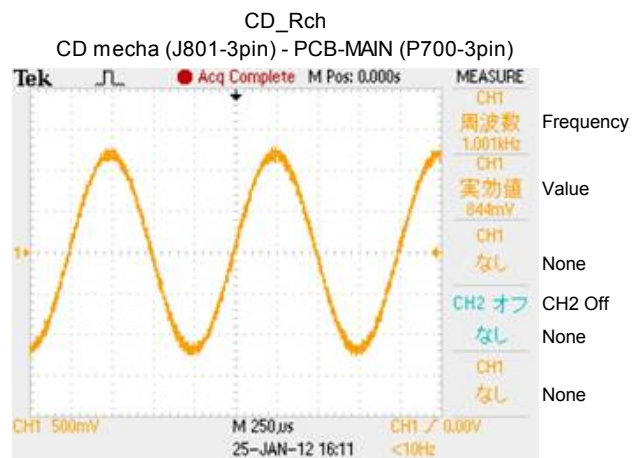
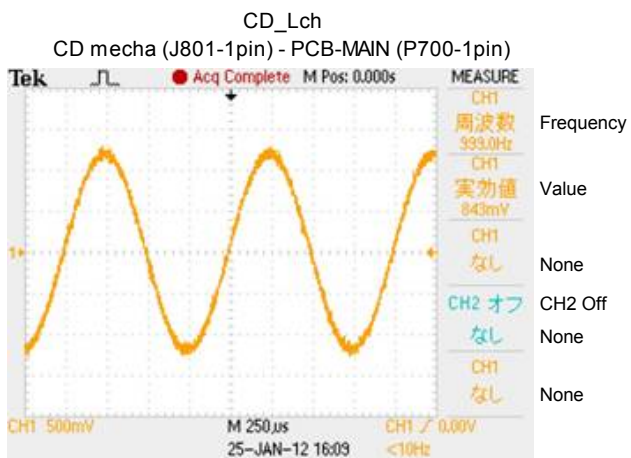
SCHEMATIC DIAGRAM PCB-PANEL MODEL : DY-1MU3E21-T



UNDESIGNATED_RESISTANCE_UNIT_IS_0
UNDESIGNATED_RESISTORS ARE 1/16W
(NORMAL_RATED_POWER)

Measurement point	Voltage [V]		
	min	typ	max
BATT	10	13.2	16
ACC	10	13.2	16
BATT_5V	4.75	5	5.25
BATT_3.4V	3.15	3.4	3.45
ACC_3.4V	3.15	3.4	3.45
CD8V	7.5	8	8.5
CD_D5V	4.75	5	5.25
CD_D3.3V	3.15	3.4	3.45
DSP_8.5V	7.5	8.5	9.5
DSP_D3.3V	3.15	3.4	3.45
DSP_A3.3V	3.15	3.4	3.45
A_8V	7.5	8	8.5
TUNER_5V	4.5	5	5.5
LED_8V	7.5	8	8.5

CD mecha - PCB-MAIN





PCB-PANEL - PCB-PANEL

