

DVD PLAYER

DVD-S550/DV-S5750

SERVICE MANUAL

DVD-S550/DV-S5750

IMPORTANT NOTICE

This manual has been provided for the use of authorized YAMAHA Retailers and their service personnel. It has been assumed that basic service procedures inherent to the industry, and more specifically YAMAHA Products, are already known and understood by the users, and have therefore not been restated.

WARNING: Failure to follow appropriate service and safety procedures when servicing this product may result in personal injury, destruction of expensive components, and failure of the product to perform as specified. For these reasons, we advise all YAMAHA product owners that any service required should be performed by an authorized YAMAHA Retailer or the appointed service representative.

IMPORTANT: The presentation or sale of this manual to any individual or firm does not constitute authorization, certification or recognition of any applicable technical capabilities, or establish a principle-agent relationship of any form.

The data provided is believed to be accurate and applicable to the unit(s) indicated on the cover. The research, engineering, and service departments of YAMAHA are continually striving to improve YAMAHA products. Modifications are, therefore, inevitable and specifications are subject to change without notice or obligation to retrofit. Should any discrepancy appear to exist, please contact the distributor's Service Division.

WARNING: Static discharges can destroy expensive components. Discharge any static electricity your body may have accumulated by grounding yourself to the ground buss in the unit (heavy gauge black wires connect to this buss).

IMPORTANT: Turn the unit OFF during disassembly and part replacement. Recheck all work before you apply power to the unit.

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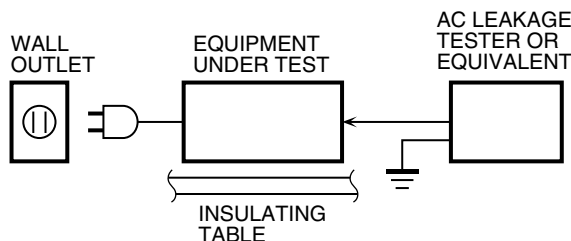


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This Service Manual uses recycled paper.



■ TO SERVICE PERSONNEL

1. Critical Components Information
Components having special characteristics are marked $\triangle$ and must be replaced with parts having specifications equal to those originally installed.
 2. Leakage Current Measurement (For 120V Models Only)
When service has been completed, it is imperative to verify that all exposed conductive surfaces are properly insulated from supply circuits.
- Meter impedance should be equivalent to 1500 ohm shunted by 0.15 μ F.



- Leakage current must not exceed 0.5mA.
- Be sure to test for leakage with the AC plug in both polarities.

WARNING: CHEMICAL CONTENT NOTICE!

The solder used in the production of this product contains LEAD. In addition, other electrical/electronic and/or plastic (where applicable) components may also contain traces of chemicals found by the California Health and Welfare Agency (and possibly other entities) to cause cancer and/or birth defects or other reproductive harm.

DO NOT PLACE SOLDER, ELECTRICAL/ELECTRONIC OR PLASTIC COMPONENTS IN YOUR MOUTH FOR ANY REASON WHATSOEVER!

Avoid prolonged, unprotected contact between solder and your skin! When soldering, do not inhale solder fumes or expose eyes to solder/flux vapor!

If you come in contact with solder or components located inside the enclosure of this product, wash your hands before handling food.

WARNING: Laser Safety

This product contains a laser beam component. This component may emit invisible, as well as visible radiation, which may cause eye damage. To protect your eyes and skin from laser radiation, the following precautions must be used during servicing of the unit.

- 1) When testing and/or repairing any component within the product, keep your eyes and skin more than 30 cm away from the laser pick-up unit at all times. Do not stare at the laser beam at any time.
- 2) Do not attempt to readjust, disassemble or repair the laser pick-up, unless noted elsewhere in this manual.
- 3) CAUTION : Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Laser Emitting conditions:

- 1) When the Top Cover is removed, and the STANDBY/ON SW is turned to the "ON" position, the laser component will emit a beam for several seconds to detect if a disc is present. During this time (5-10 sec.) the laser may radiate through the lens of the laser pick-up unit. Do not attempt any servicing during this period!
If no disc is detected, the laser will stop emitting the beam. When a disc is loaded, you will not be exposed to any laser emissions.
- 2) The laser power level can be adjusted with the VR on the pick-up PWB, however, this level has been set by the factory prior to shipping from the factory. Do not adjust this laser level control unless instruction is provided elsewhere in this manual. Adjustment of this control can increase the laser emission level from the device.

Laser Diode Properties

Type: Semiconductor laser GaAlAs
 Wave length: 650 nm (DVD)
 780 nm (VCD/CD)
 Output Power: 7 mW (DVD)
 10 mW (VCD/CD)
 Beam divergence: 60 degree

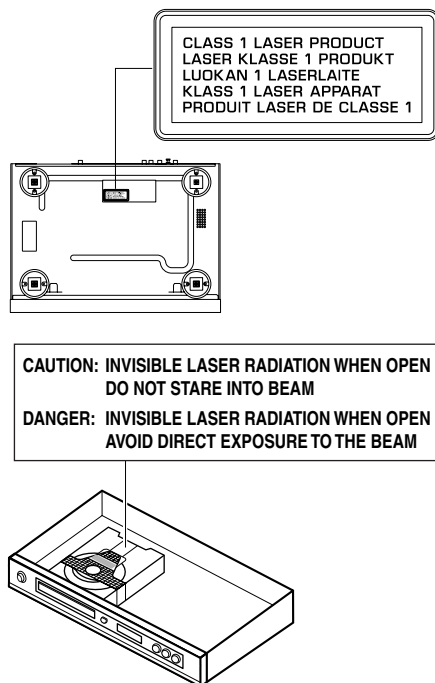
VARO! : AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA NÄKYMÄTTÖMÄLLE LASER-SÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.

WARNING! : OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRREN ÄR URKOPPLAD. BETRAKTA EJ STRÅLEN.

WARNING

The use of optical instruments with this product will increase eye hazard.

Repair handling should take place as much as possible with a disc loaded inside the player.



CAUTION	VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM.
ADVARSEL	SYNLIG OG USYNLIG LASERSTRÅLING VED ÅBNING. UNDGÅ UDSÆTTELSE FOR STRÅLING.
ADVARSEL	SYNLIG OG USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES. UNNGÅ EKSPONERING FOR STRÅLEN.
VARNING	SYNLIG OCH OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. BETRAKTA EJ STRÅLEN.
VARO!	AVATTAESSA OLET ALTTIINA NÄKYVÄLLE JA NÄKYMÄTTÖMÄLLE LASER SÄ TEILYLLE. ÄLÄ KATSO SÄTEESEEN.
VORSICHT	SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG WENN ABDECKUNG GEÖFFNET. NICHT DEM STRAHL AUSSETZEN.
DANGER	VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EXPOSURE TO BEAM.
ATTENTION	RAYONNEMENT LASER VISIBLE ET INVISIBLE EN CAS D'OUVERTURE. EXPOSITION DANGEREUSE AU FAISCEAU

Warning for power supply

The primary side of the power supply carries live mains voltage when the player is connected to the mains even when the player is switched off !

This primary area is not shielded so it is possible to touch copper tracks and/or components when servicing the player. Service personnel have to take precautions to prevent touching this area or components in this area.

Note:

The screws on the DVD mechanism may never be touched, removed or re-adjusted.

Handle the DVD mechanism with care when the unit has to be exchanged!

The DVD mechanism is very sensitive for dropping or giving shocks.

■ PREVENTION OF ELECTRO STATIC DISCHARGE

The laser diode in the DVD mechanism may be damaged due to static electricity from clothes or the human body. Use caution to prevent electro static damage when servicing or handling the DVD-mechanism.

1. Grounding for electro static damage prevention

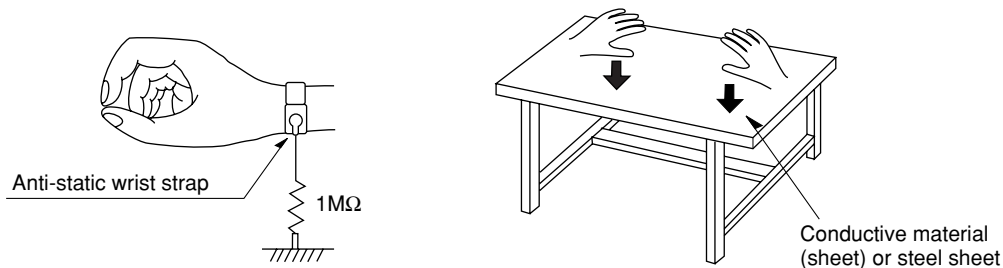
Some devices, such as the DVD player, use an optical pickup (laser diode) that will be damaged by static electricity in the working environment. Only attempt service after ensuring that all grounding procedures have been completed.

1. Worktable grounding

Put a grounded conductive material (sheet) or iron sheet on the area where the optical pickup is placed.

2. Human body grounding

Use an anti-static wrist strap to discharge the static electricity from your body.



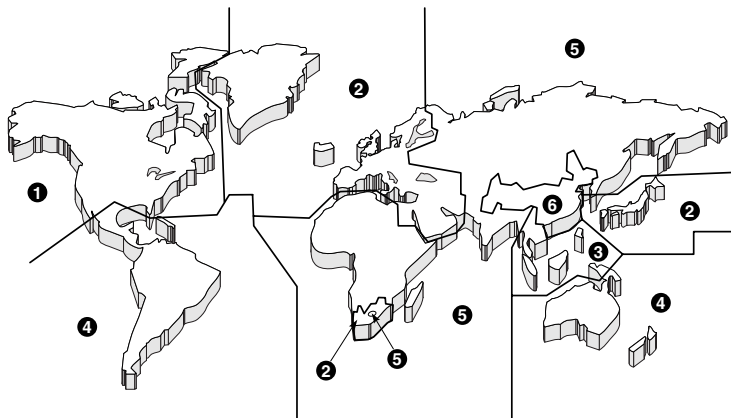
2. Handling Precautions for DVD mechanism

1. Handle the DVD mechanism gently, as it is an extremely high-precision assembly.
2. The flexible cable lines may break if an excessive force is applied to it. Use caution when handling the cable.
3. The semi-fixed resistor for laser power adjustment should not be adjusted. Do not turn the resistor.

■ LOCALE MANAGEMENT INFORMATION

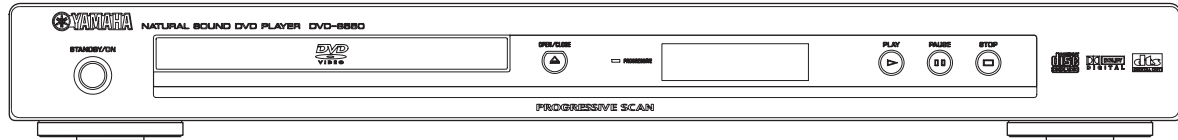
Locale Management Information : This DVD player is designed and manufactured to respond to the Locale Management Information that is recorded on a DVD disc. If the Locale number described on the DVD disc does not correspond to the Locale number of this DVD player, this DVD player cannot play this disc.

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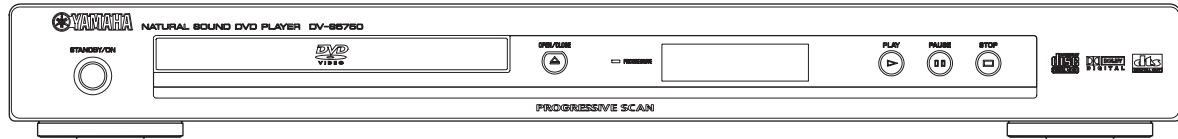


FRONT PANELS

▼ DVD-S550 (U, R, K, A, B, G, E, P models)

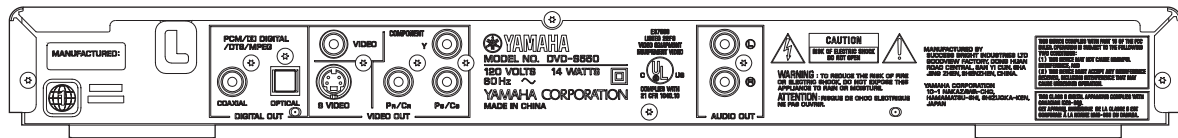


▼ DV-S5750 (U, A models)

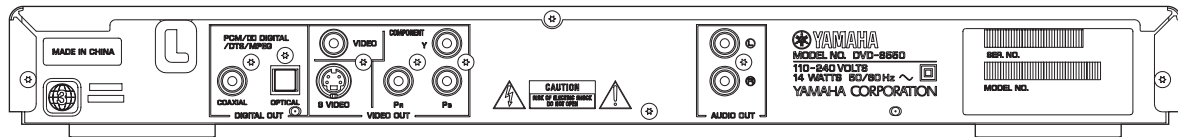


REAR PANELS

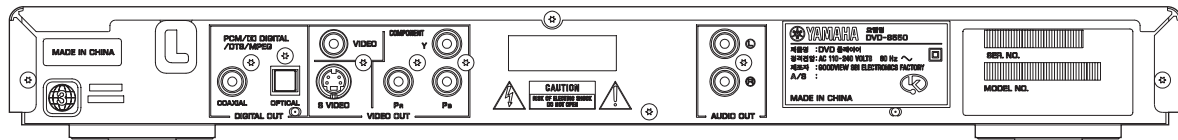
▼ DVD-S550 (U model)



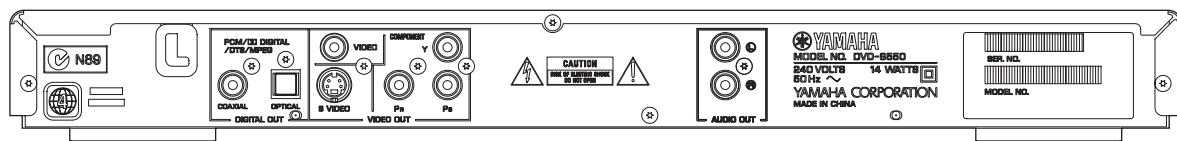
▼ DVD-S550 (R model)



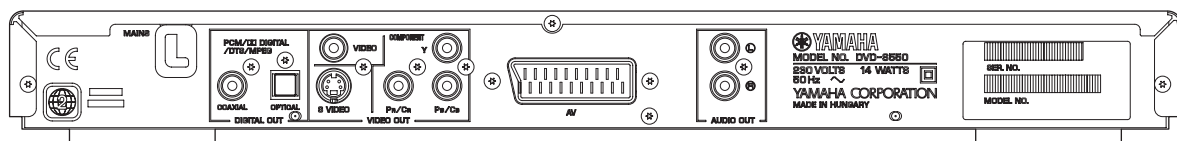
▼ DVD-S550 (K model)



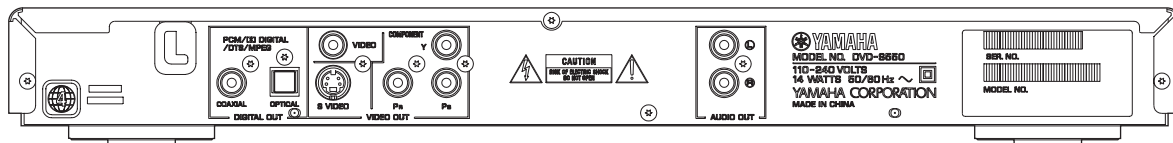
▼ DVD-S550 (A model)



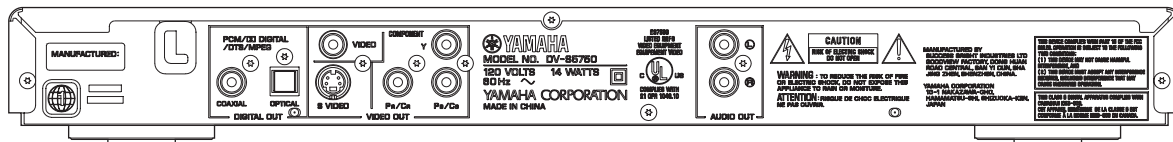
▼ DVD-S550 (B, G, E models)



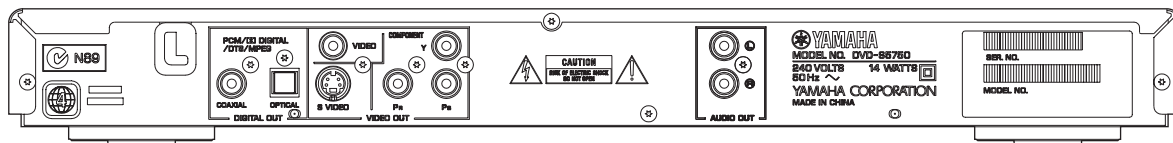
▼ DVD-S550 (P model)



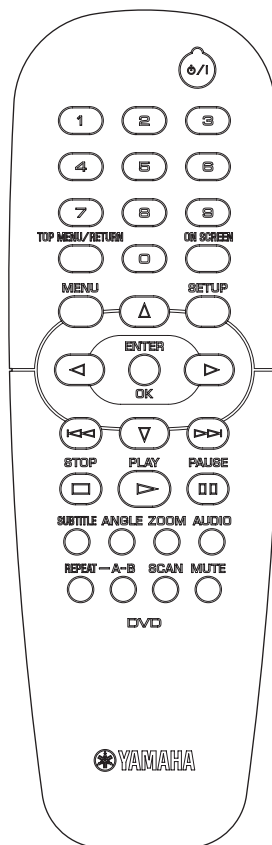
▼ DV-S5750 (U model)



▼ DV-S5750 (A model)



■ REMOTE CONTROL PANEL



SPECIFICATIONS

PLAYBACK SYSTEM

DVD Video
Video CD & SVCD
CD
PICTURE CD
CD-R, CD-RW
DVD+R, DVD+RW
DVD-R, DVD-RW

VIDEO PERFORMANCE

Video (CVBS) Output 1 Vpp into 75 ohm
S-Video Output Y: 1Vpp into 75 ohm
C: 0.3Vpp into 75 ohm
RGB (SCART) Output 0.7 Vpp into 75 ohm (B, G, E models)
Component Video Output Y: 1Vpp into 75 ohm
Pb/Cb Pr/Cr: 0.7Vpp into 75 ohm

AUDIO FORMAT

Digital	Mpeg/Dolby	Compressed Digital
	Digital/DTS	
	PCM	16, 20, 24 bits
		fs, 44.1, 48, 96 kHz
	MP3(ISO 9660)	24, 32, 56, 64, 96, 128, 256 kbps
		fs 16, 22.05, 24, 32, 44.1, 48 kHz
	WMA	32 kbps-192 kbps, mono, stereo
		(U, R, K, A, P models)

Analog Sound Stereo

AUDIO PERFORMANCE

DA Converter	24 bits
Signal-Noise (1kHz)	105 dB
Dynamic Range (1kHz)	100 dB
DVD	fs 96 kHz 2 Hz - 44 kHz
	fs 48 kHz 2 Hz - 22 kHz
SVCD	fs 48 kHz 2 Hz - 22 kHz
	fs 44.1 kHz 2 Hz - 20 kHz
CD/VCD	fs 44.1 kHz 2 Hz - 20 kHz
Distortion and Noise (1kHz)	0.003%

TV STANDARD (PAL/50Hz) (NTSC/60Hz)

Number of lines	625	525
Playback	Multistandard	(PAL/NTSC)

CONNECTIONS

SCART	Euroconnector (B, G, E models)
Y Output	Cinch (green)
Pb/Cb Output	Cinch (blue)
Pr/Cr Output	Cinch (red)
S-Video Output	Mini DIN, 4 pins
Video Output	Cinch
Audio Output (L+R)	Cinch
Digital Output	1 coaxial, 1 optical
	IEC60958 for CDDA / LPCM/
	MPEG1
	IEC61937 for MPEG 2,
	Dolby Digital and DTS

GENERAL

Dimensions (W x H x D)	435 x 51 x 310 mm (17-1/8" x 2" x 12-3/16")
Weight	Approx. 2.6 Kg (5 lbs. 12 oz)
Finish	[DVD-S550] Gold Color (R, K models) Black Color (U, A, B, G, E, P models) Titanium Color (U, G, E models) Silver Color (B, G, E models) [DV-S5750] Black Color (U model) Silver Color (U, A models)
Power Supply	AC120V, 60 Hz (U model) AC240V, 50 Hz (A model) AC110-240V, 50/60 Hz (R, K, P models) AC230V, 50 Hz (B, G, E models)
Power Consumption	Approx. 14W
Standby Power Consumption	< 1W

ACCESSORIES

Remote Control x 1, Battery x 2,
Audio/Video Cable (U, R, K, A, P models),
Audio Pin Cable (B, G, E models),
Video Cable (B, G, E models)

** Specifications subject to change without prior notice.*

U U.S.A model	R General model
K Korean model	A Australian model
B British model	G European model
E South European model	P South American model



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■ SERVICE HINTS

● Repair Tips

1) DVD Module

The DVD Mechanism and Mono Board together as a set are called the DVD Module.

If a failure has occurred with any part of the DVD Module, be sure to replace the DVD Module as a whole.

Neither the DVD Mechanism nor Mono Board can be replaced independently.

2) Power Supply Unit

The power supply unit has to be replaced in case of failure.

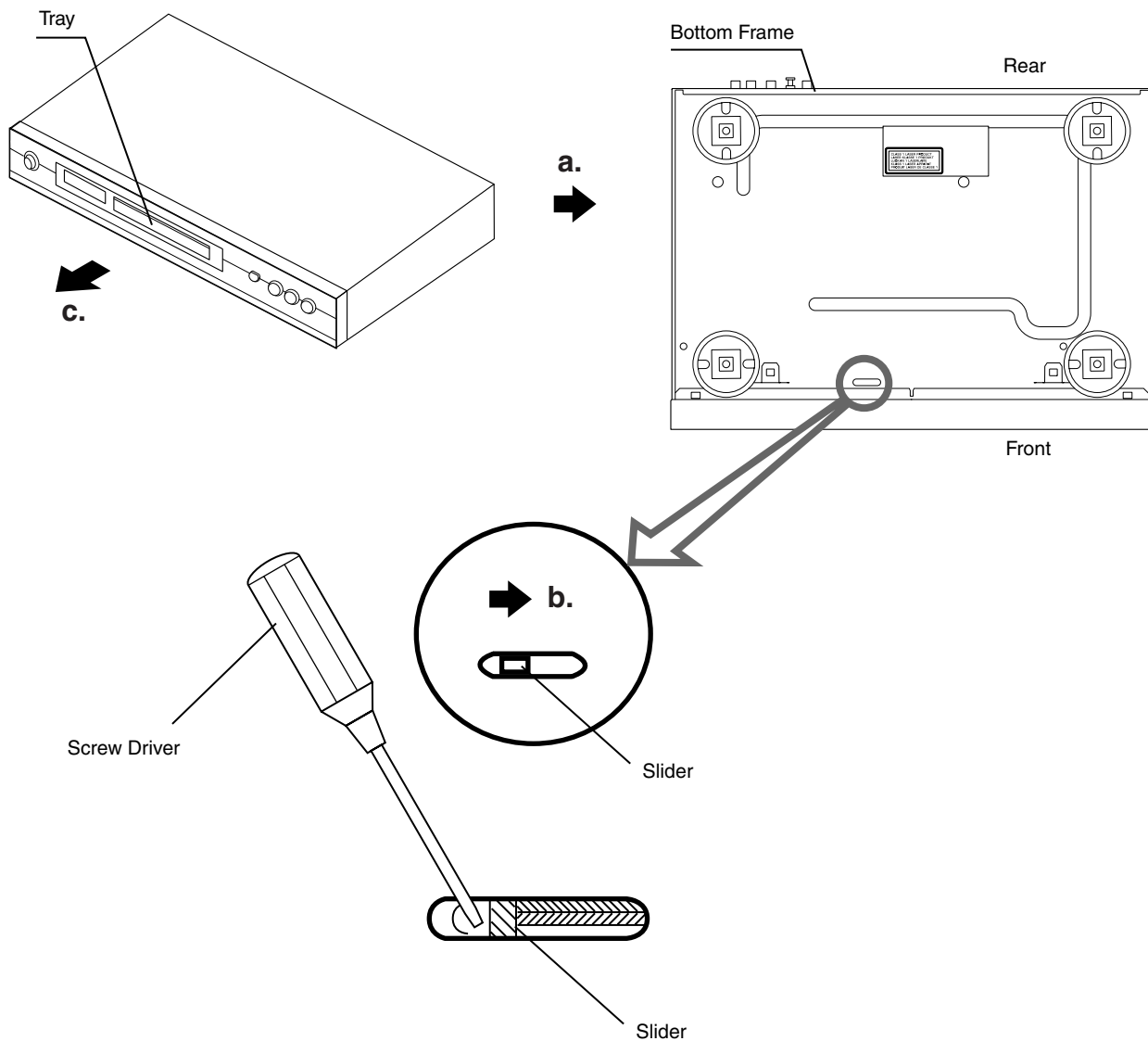
3) PCB Ass'y

When the Front Board or AV Board has failed, replace the faulty board.

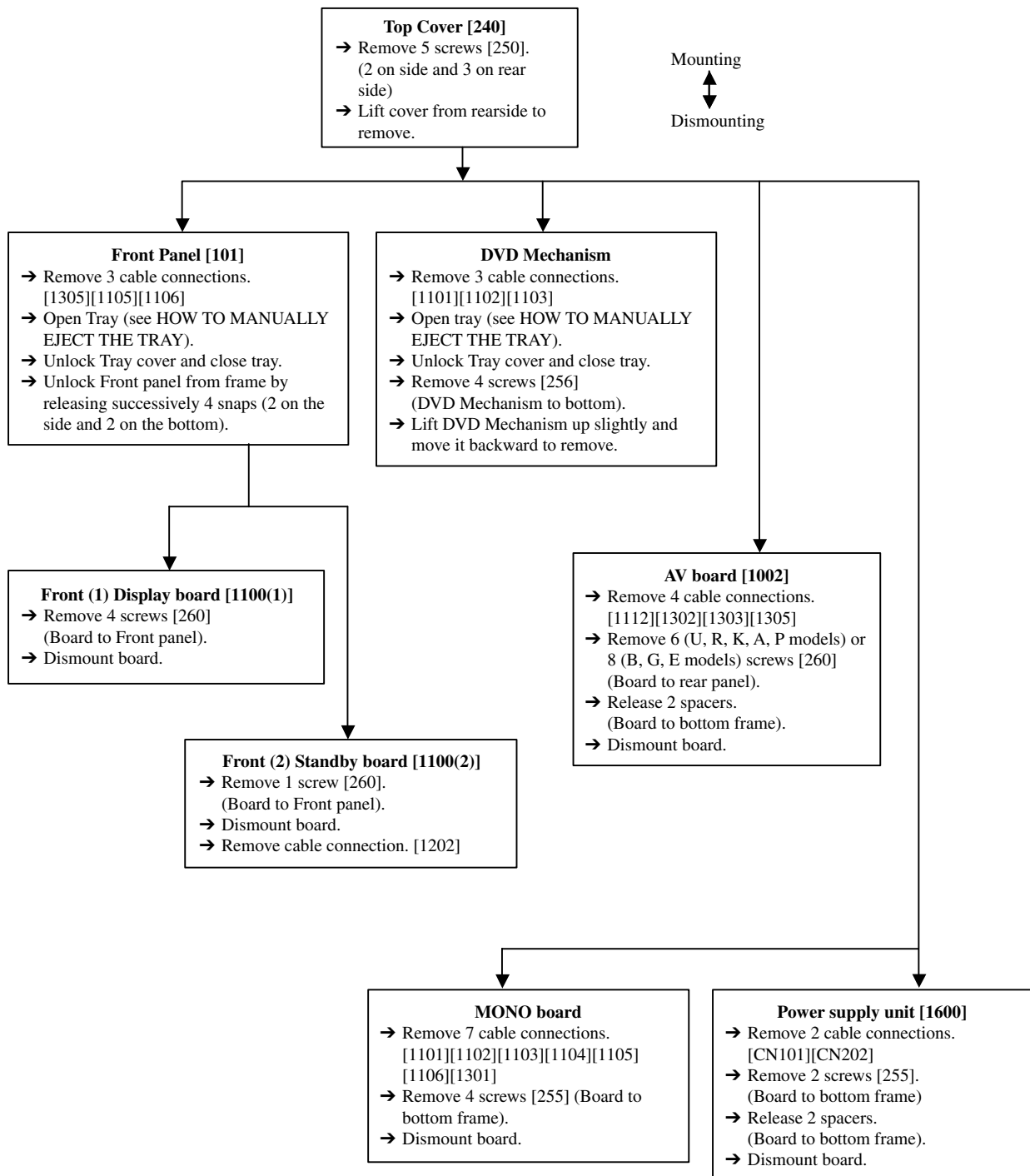
■ DISASSEMBLY PROCEDURES

HOW TO MANUALLY EJECT THE TRAY

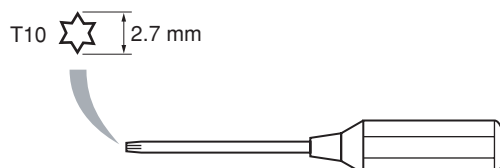
- Turn the player bottom up.
- Move the slider in the direction indicated with a screw driver until the tray is ejected.
- Gently pull the tray out.



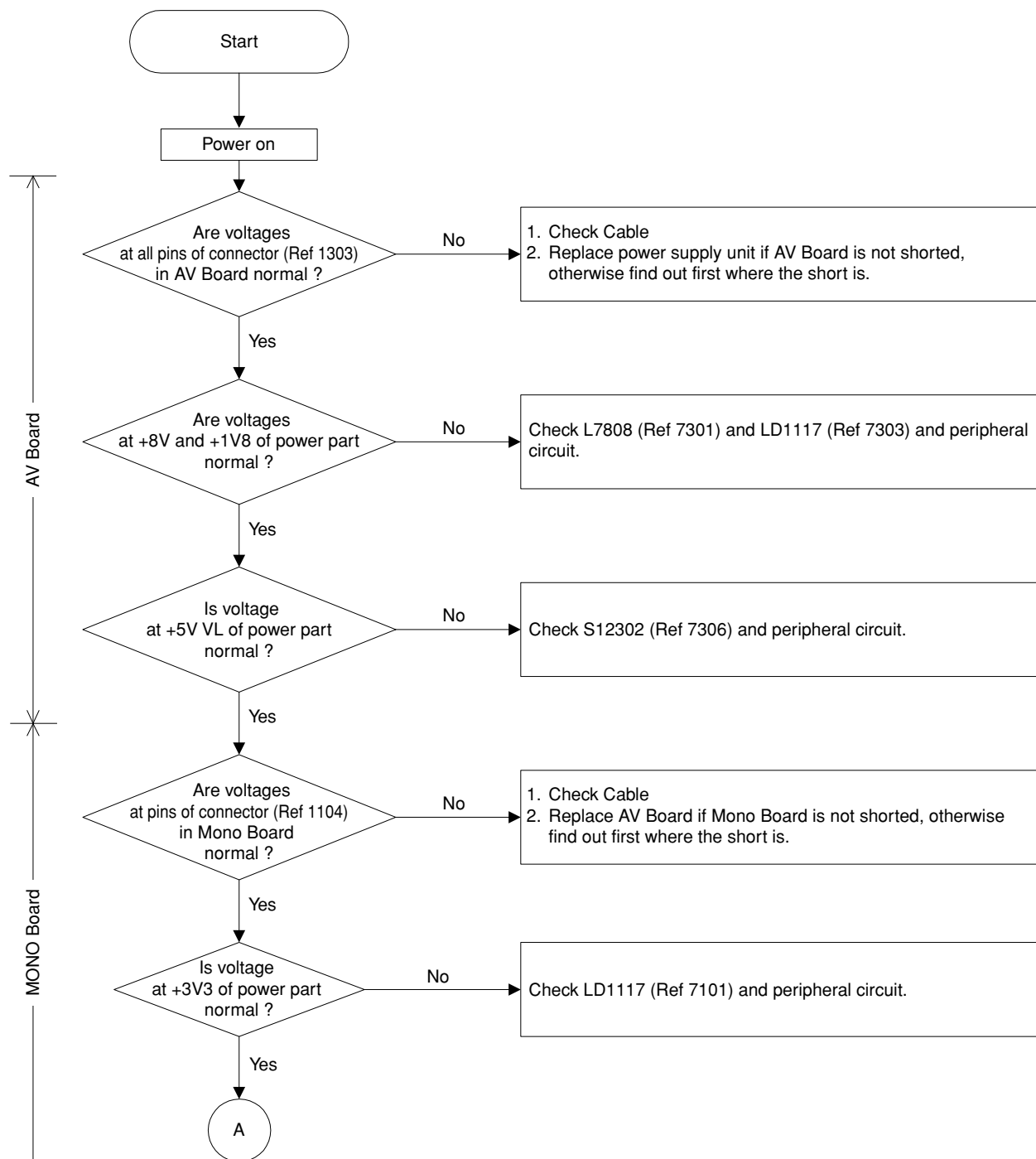
See EXPLODED VIEW for item numbers.

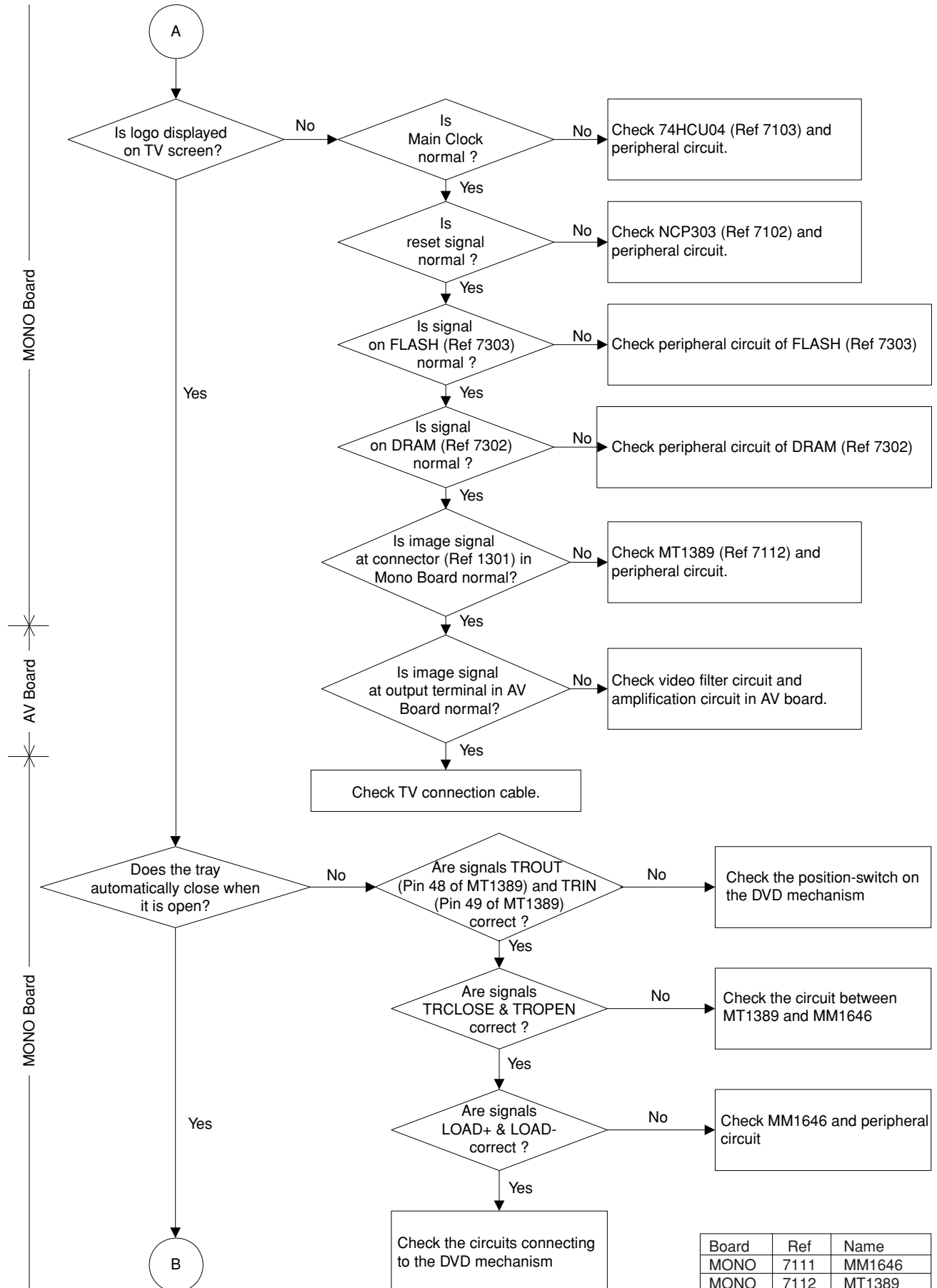


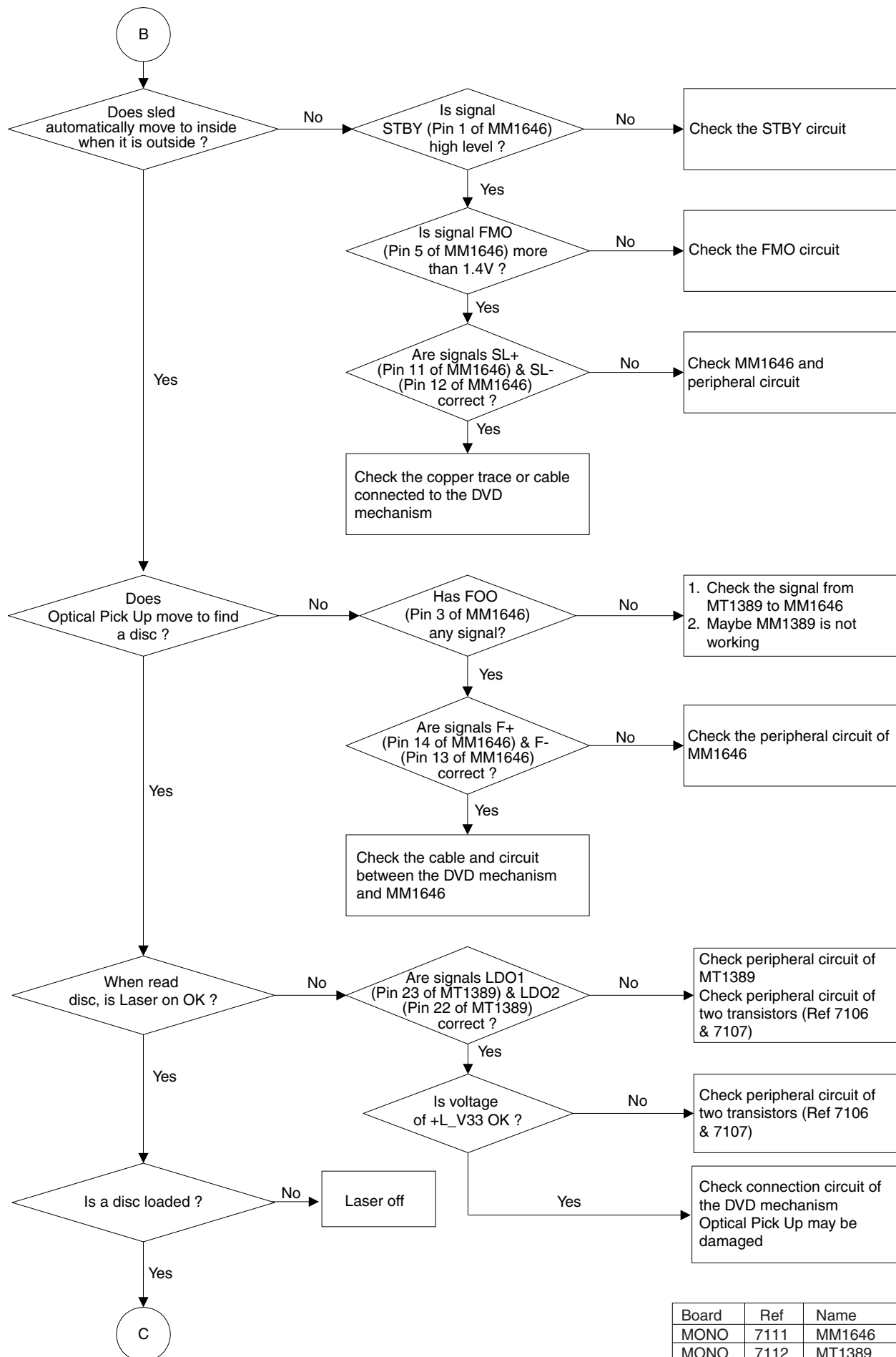
When disassembling, use the special screw driver with such tip shape as shown in figure.

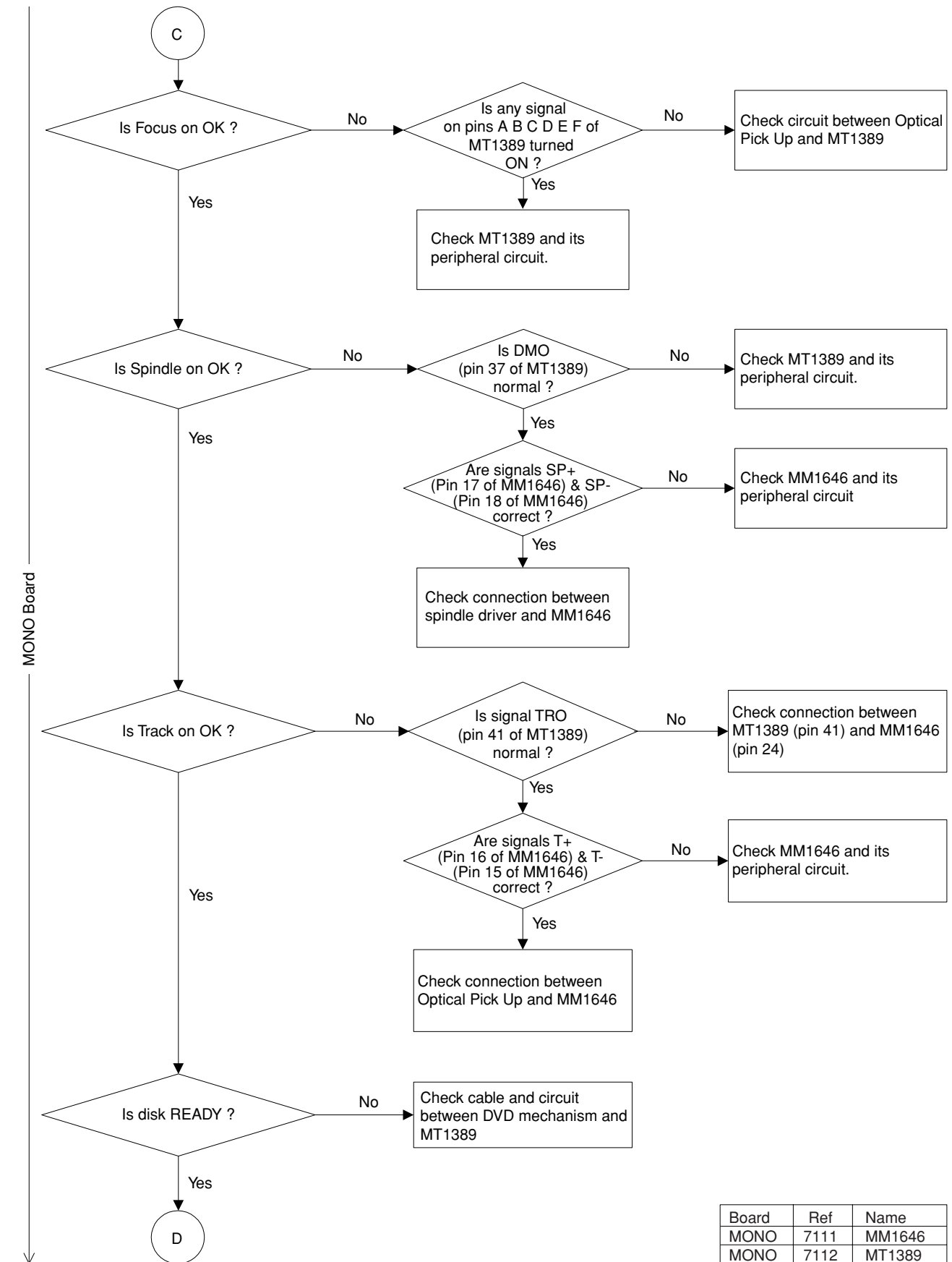


■ MAINTENANCE FLOW CHART

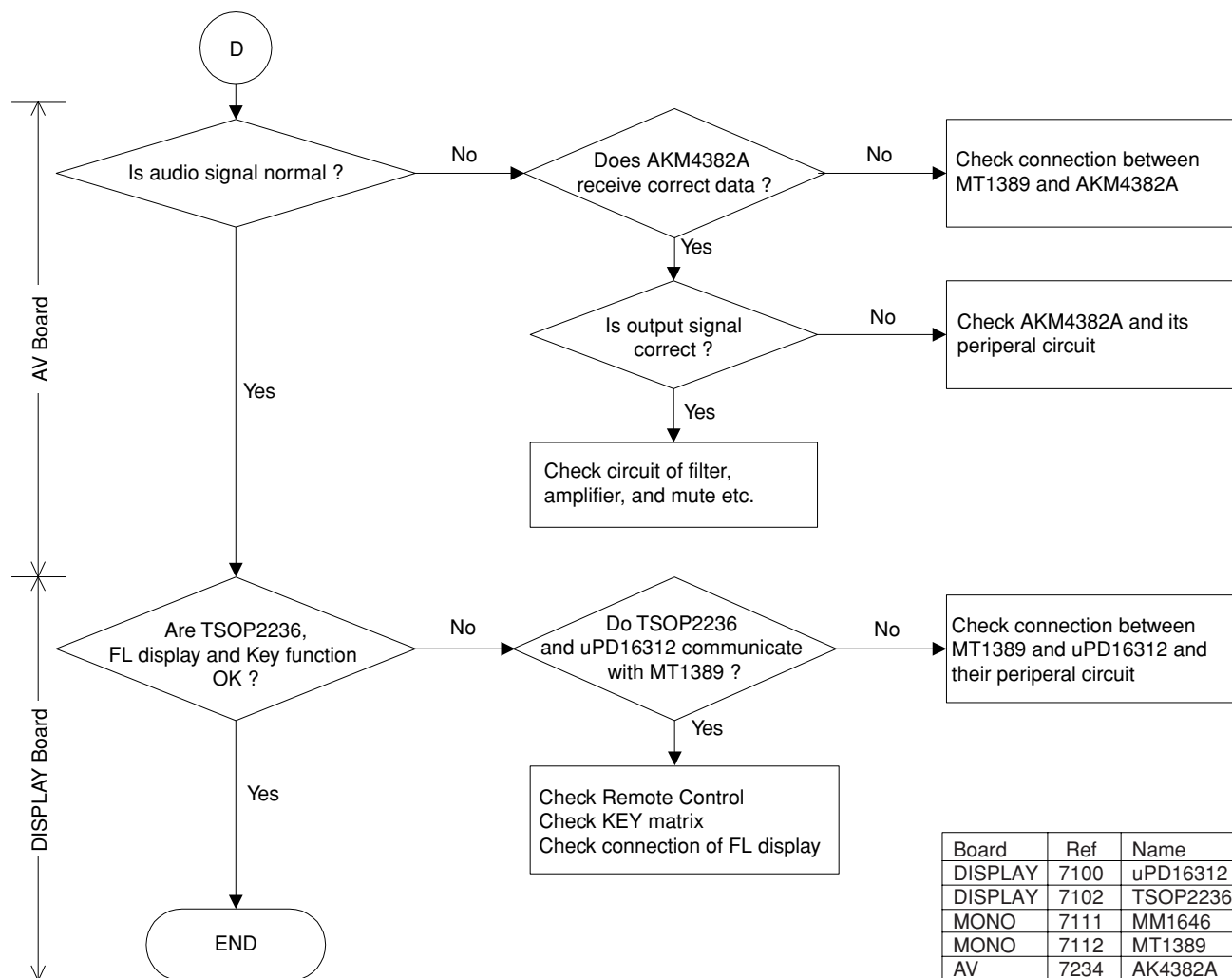




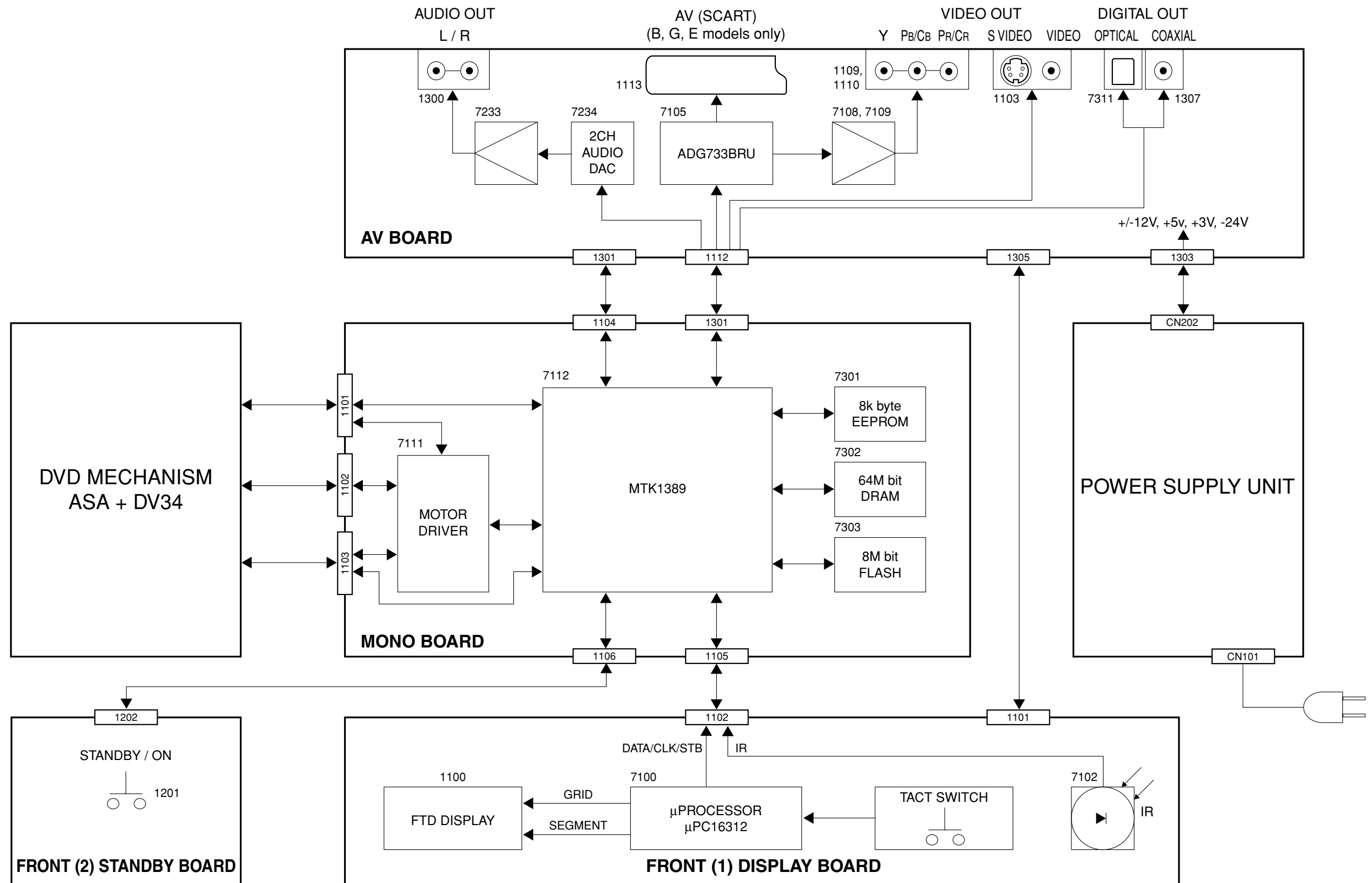




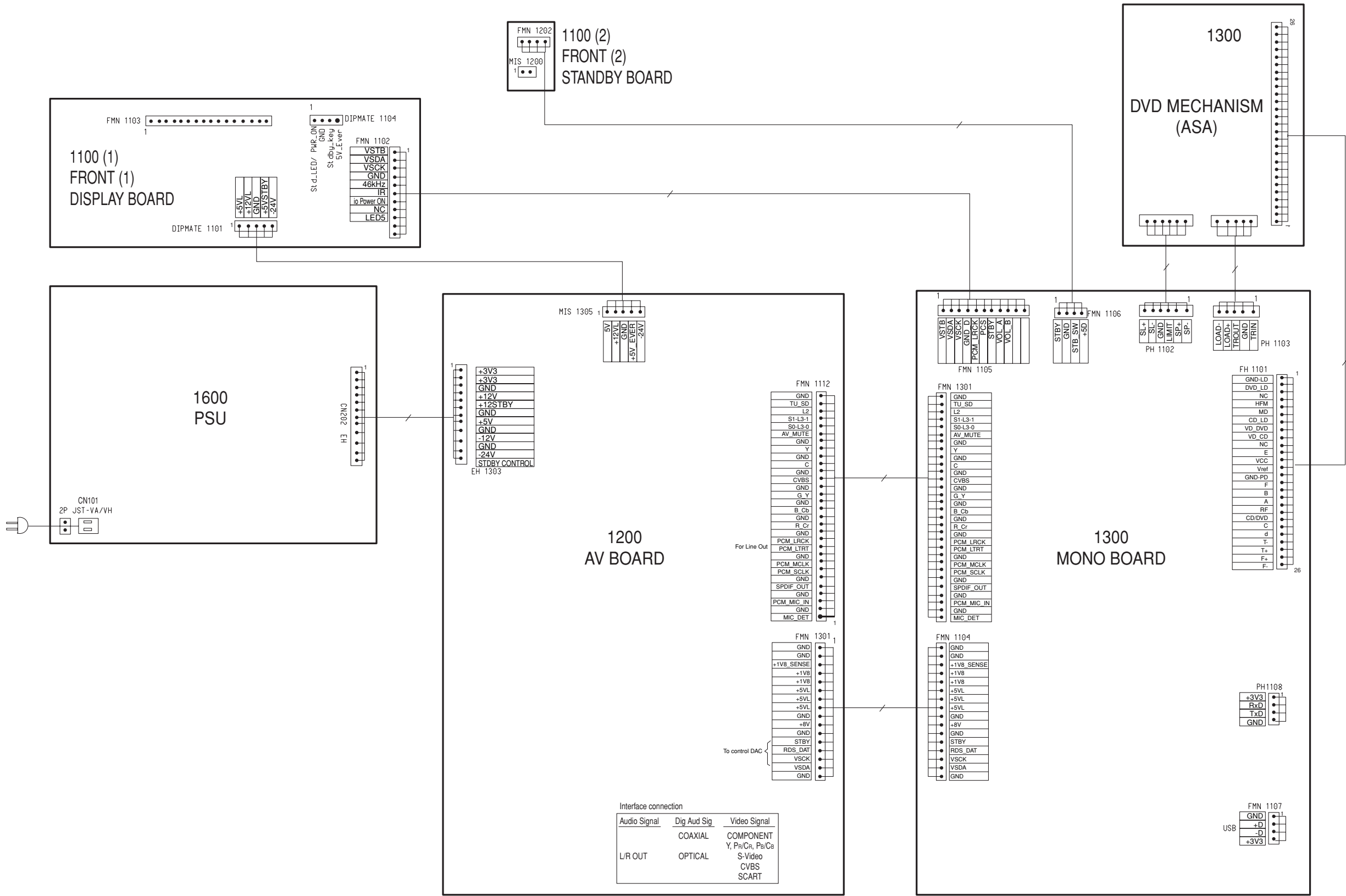
Board	Ref	Name
MONO	7111	MM1646
MONO	7112	MT1389



■ BLOCK DIAGRAM

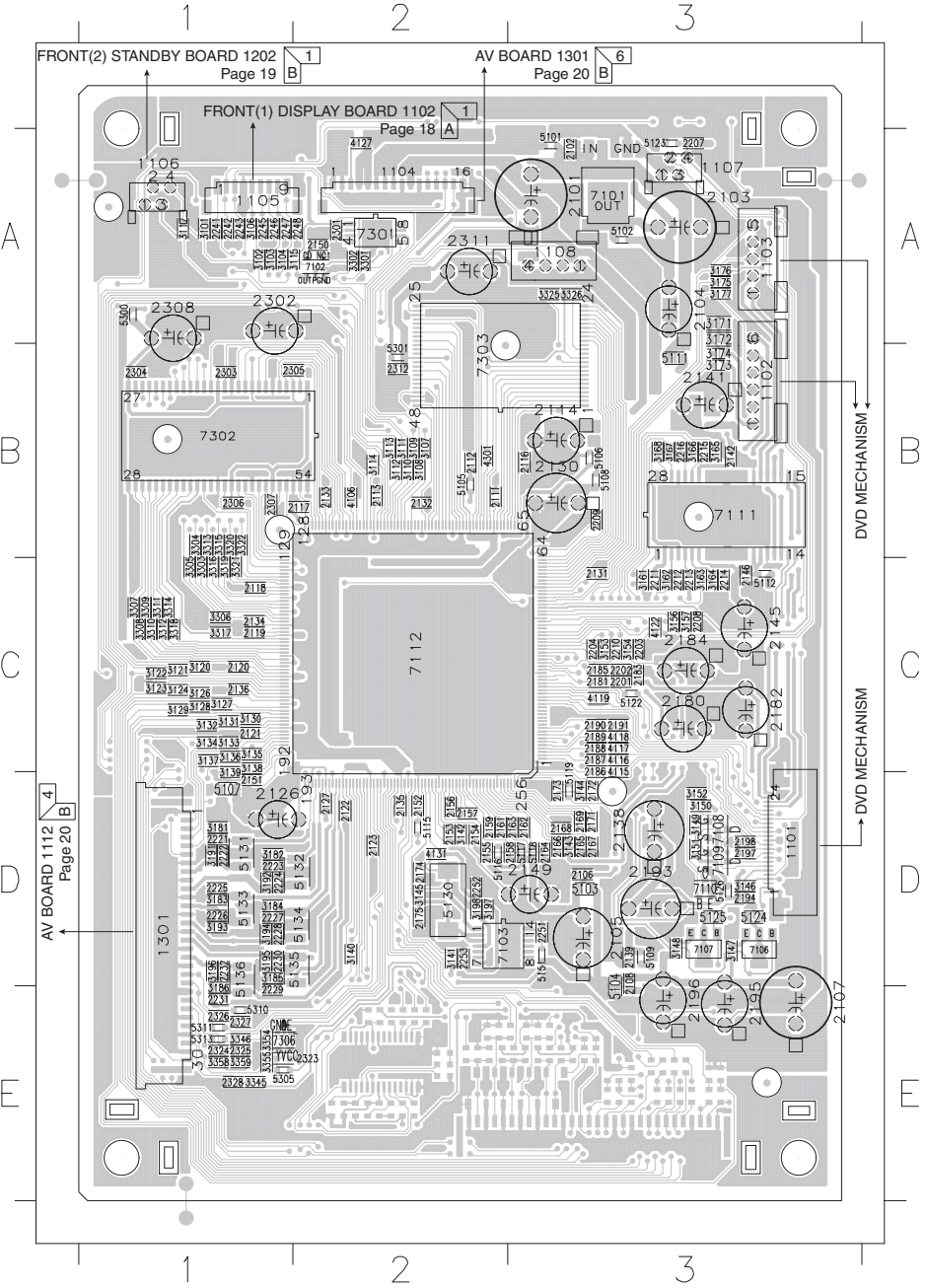


WIRING DIAGRAM



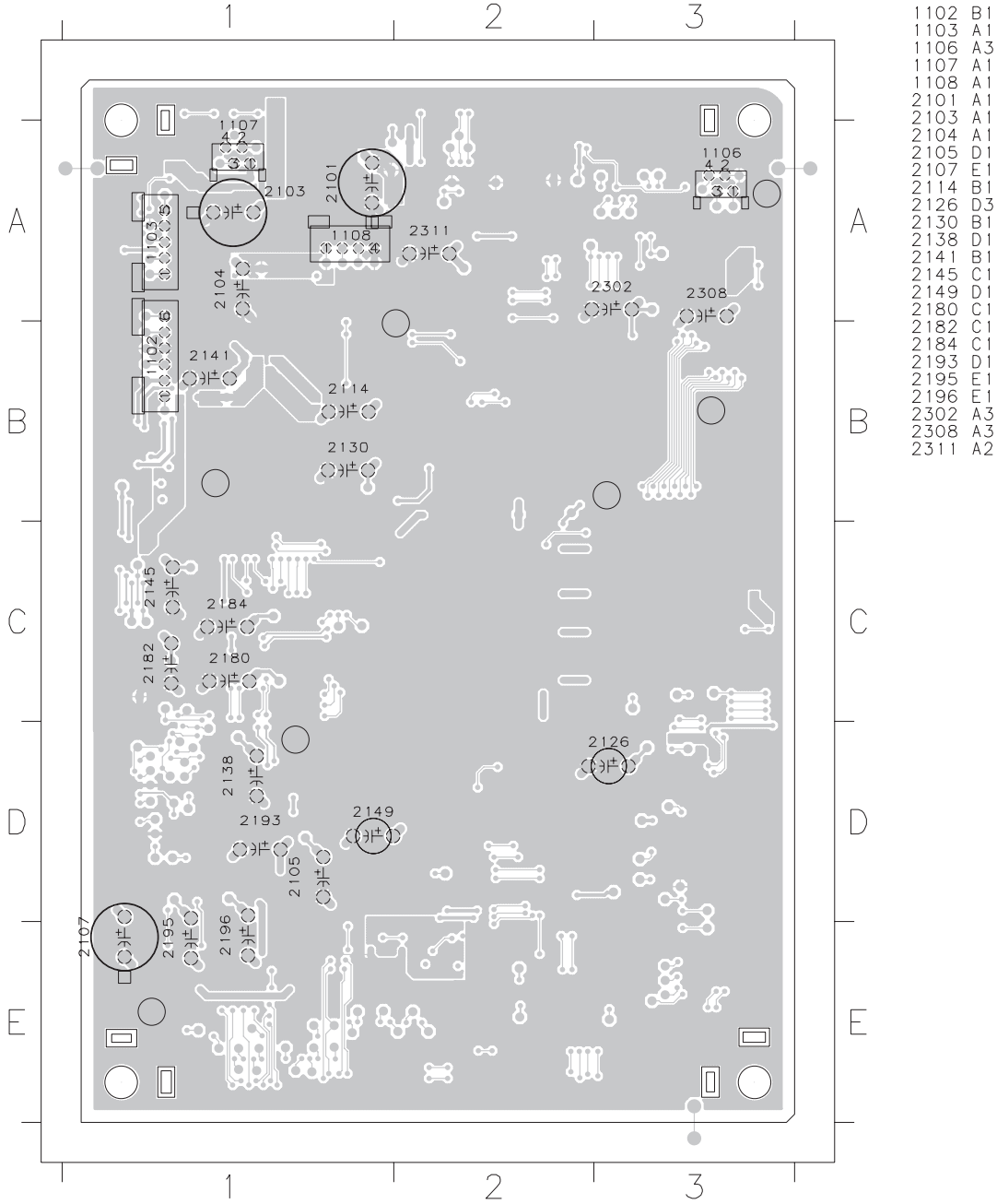
■ PRINTED CIRCUIT BOARD
FOR INFORMATION ONLY (NO SERVICE PARTS WILL BE AVAILABLE)

MONO Board-Top View



1101 D3	2173 D3	2312 B2	3171 A3	5105 B2
1102 B3	2174 D2	2323 E1	3172 A3	5106 B3
1103 A3	2175 D2	2324 E1	3173 B3	5107 D1
1104 A2	2180 C3	2325 E1	3174 B3	5108 B3
1105 A1	2181 C3	2326 E1	3175 A3	5109 D3
1106 A1	2182 C3	2327 E1	3176 A3	5111 B3
1107 A3	2183 C3	2328 E1	3177 A3	5112 C3
1108 A3	2184 C3	3101 A1	3181 D1	5115 D2
1301 D1	2185 C3	3102 A1	3182 D1	5116 D2
2101 A3	2186 C3	3103 A1	3183 D1	5117 D3
2102 A3	2187 C3	3104 A1	3184 D1	5118 D3
2103 A3	2188 C3	3106 A1	3185 D1	5119 D3
2104 A3	2189 C3	3107 B2	3186 E1	5122 C3
2105 D3	2190 C3	3108 B2	3191 D1	5123 A3
2106 D3	2191 C3	3109 B2	3192 D1	5124 D3
2107 E3	2193 D3	3110 B2	3193 D1	5125 D3
2108 D3	2194 D3	3111 B2	3194 D1	5126 D3
2111 B2	2195 E3	3112 B2	3195 D1	5130 D2
2112 B2	2196 E3	3113 B2	3196 D1	5131 D1
2113 B2	2197 D3	3114 B2	3197 D2	5132 D2
2114 B3	2198 D3	3115 A2	3198 D2	5133 D1
2116 B3	2201 C3	3117 A1	3301 A2	5134 D2
2117 B2	2202 C3	3120 C1	3302 A2	5135 D2
2118 C1	2203 C3	3121 C1	3303 C1	5136 D1
2119 C1	2204 C3	3122 C1	3304 B1	5151 D3
2120 C1	2207 A3	3123 C1	3305 C1	5300 A1
2121 C1	2208 C3	3124 C1	3306 C1	5301 B2
2122 D2	2209 B3	3126 C1	3307 C1	5305 E1
2123 D2	2210 C3	3127 C1	3308 C1	5310 E1
2126 D1	2211 C3	3128 C1	3309 C1	5311 E1
2127 D2	2212 C3	3129 C1	3310 C1	5313 E1
2130 B3	2213 C3	3130 C1	3311 C1	7101 A3
2131 C3	2214 C3	3131 C1	3312 C1	7102 A2
2132 B2	2215 B3	3132 C1	3313 B1	7103 D2
2133 B2	2216 B3	3133 C1	3314 C1	7106 D3
2134 C1	2221 D1	3134 C1	3315 B1	7107 D3
2135 D2	2222 D1	3135 C1	3316 C1	7108 D3
2136 C1	2223 D1	3136 C1	3317 C1	7109 D3
2138 D3	2224 D1	3137 C1	3318 C1	7110 D3
2139 D3	2225 D1	3138 C1	3319 C1	7111 B3
2141 B3	2226 D1	3139 D1	3320 B1	7112 C2
2142 B3	2227 D1	3140 D2	3321 C1	7301 A2
2145 C3	2228 D1	3141 D2	3322 B1	7302 B1
2146 C3	2229 E1	3142 D2	3325 A3	7303 B2
2149 D3	2230 D1	3143 D3	3326 A3	7306 E1
2150 A2	2231 E1	3144 D3	3345 E1	
2151 D1	2232 D1	3145 D2	3346 E1	
2152 D2	2241 A1	3146 D3	3354 E1	
2153 D2	2242 A1	3147 D3	3355 E1	
2154 D2	2243 A1	3148 D3	3358 E1	
2155 D2	2245 A1	3149 D3	3359 E1	
2156 D2	2246 A1	3150 D3	3386 E3	
2157 D2	2247 A1	3151 D3	4106 B2	
2158 D3	2248 A2	3152 D3	4115 C3	
2159 D2	2251 D3	3153 C3	4116 C3	
2161 D2	2252 D2	3154 C3	4117 C3	
2162 D3	2253 D2	3156 C3	4118 C3	
2163 D3	2301 A2	3157 C3	4119 C3	
2164 D3	2302 A1	3161 C3	4122 C3	
2165 D3	2303 B1	3162 C3	4127 A2	
2166 D3	2304 B1	3163 C3	4131 D2	
2167 D3	2305 B2	3164 C3	4301 B2	
2168 D3	2306 B1	3165 B3	5101 A3	
2169 D3	2307 B1	3166 B3	5102 A3	
2171 D3	2308 A1	3167 B3	5103 D3	
2172 D3	2311 A2	3168 B3	5104 E3	

MONO Board-Bottom View



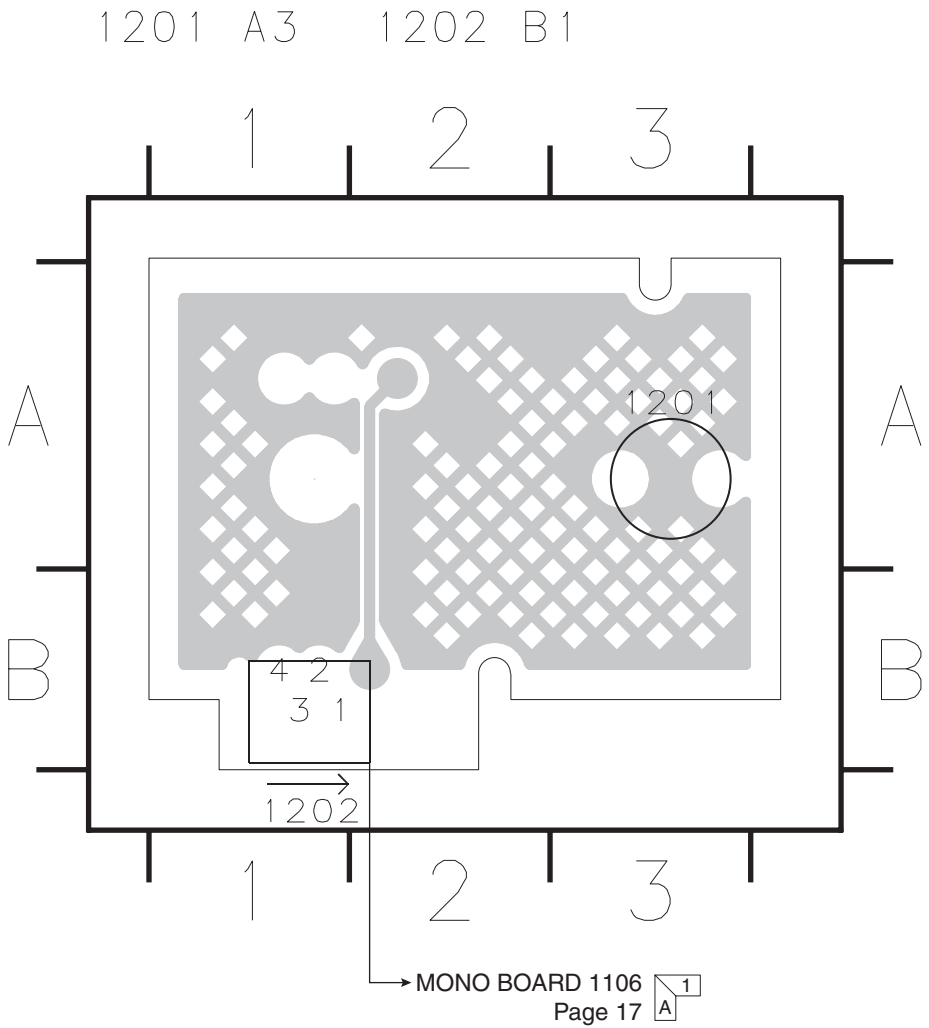
1xxx : Connector	3xxx : Resistor	5xxx : Coil	7xxx : IC, Transistor, FET
2xxx : Capacitor	4xxx : SMD jumper	6xxx : Diode	9xxx : Wire jumper

Part	Ref	Part	Ref	Part	Ref	Part	Ref	Part	Ref	Part	Ref	Part	Ref	Part	Ref	Part	Ref	Part	Ref	Part	Ref		
2101	A2	2111	A2	3104	A7	3110	A10	3116	A3	3122	A3	4105	A4	4111	A6	6107	A8						
2103	A1	2113	A2	3105	A7	3111	A10	3117	A2	3123	A2	4106	A4	4112	A6	7100	A9						
2104	A2	3100	A2	3106	A7	3112	A10	3118	A4	3128	A6	4107	A5	6100	A1	7101	A7						
2105	A6	3101	A6	3107	A7	3113	A10	3119	A4	3129	A5	4108	A5	6101	A7	7103	A3						
2107	A7	3102	A6	3108	A10	3114	A10	3120	A2	3130	A12	4109	A12	6102	A3	7104	A3						
2109	A8	3103	A7	3109	A8	3115	A10	3121	A3	3141	A11	4110	A12	6106	A7	7105	A3						

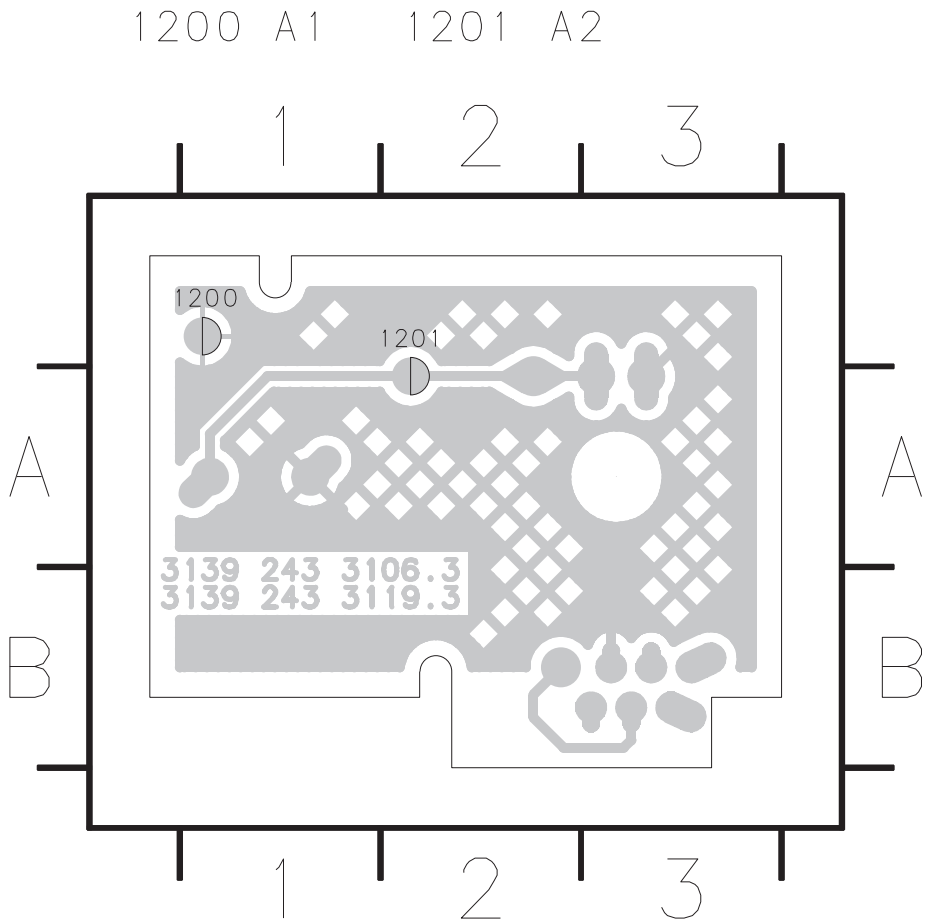
■ **PRINTED CIRCUIT BOARD**
FOR INFORMATION ONLY (NO SERVICE PARTS WILL BE AVAILABLE)

The first digit of a component indicates the component type.
1xxx : Connector 3xxx : Resistor 5xxx : Coil 7xxx : IC, Transistor, FET
2xxx : Capacitor 4xxx : SMD jumper 6xxx : Diode 9xxx : Wire jumper

FRONT (2) Standby Board-Top View



FRONT (2) Standby Board-Bottom View



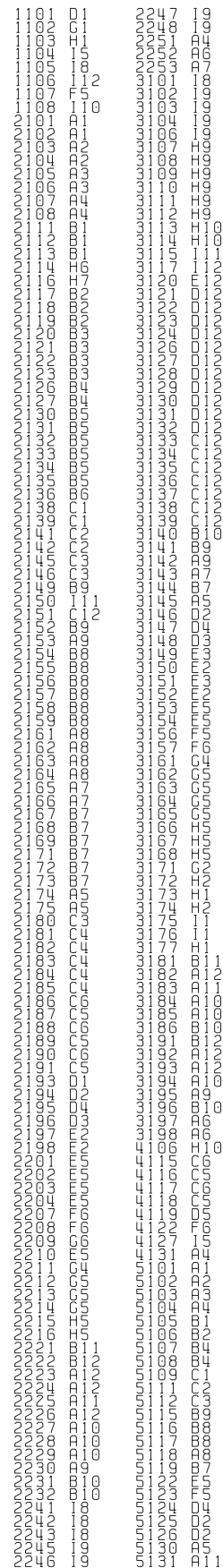
The first digit of a component indicates the component type.

7xxx : IC, Transistor, FET

9xxx : Wire jumper



1xxx : Connector	3xxx : Resistor	5xxx : Coil	7xxx : IC, Transistor, FET
2xxx : Capacitor	4xxx : SMD jumper	6xxx : Diode	9xxx : Wire jumper

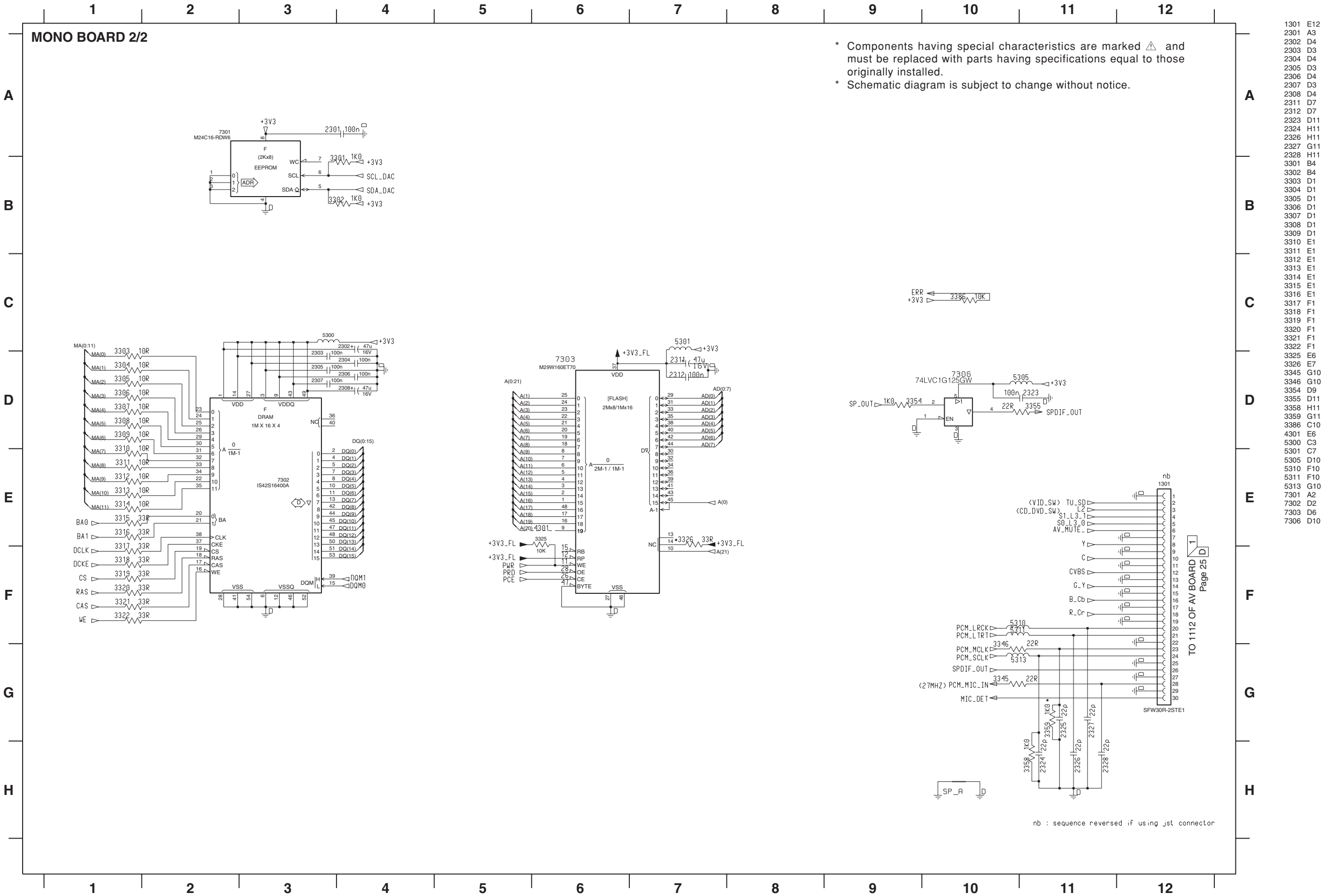
[illegible]

■ SCHEMATIC DIAGRAM

FOR INFORMATION ONLY (NO SERVICE PARTS WILL BE AVAILABLE)

The first digit of a component indicates the component type.

- 1xxx : Connector
- 3xxx : Resistor
- 5xxx : Coil
- 7xxx : IC, Transistor, FET
- 2xxx : Capacitor
- 4xxx : SMD jumper
- 6xxx : Diode
- 9xxx : Wire jumper

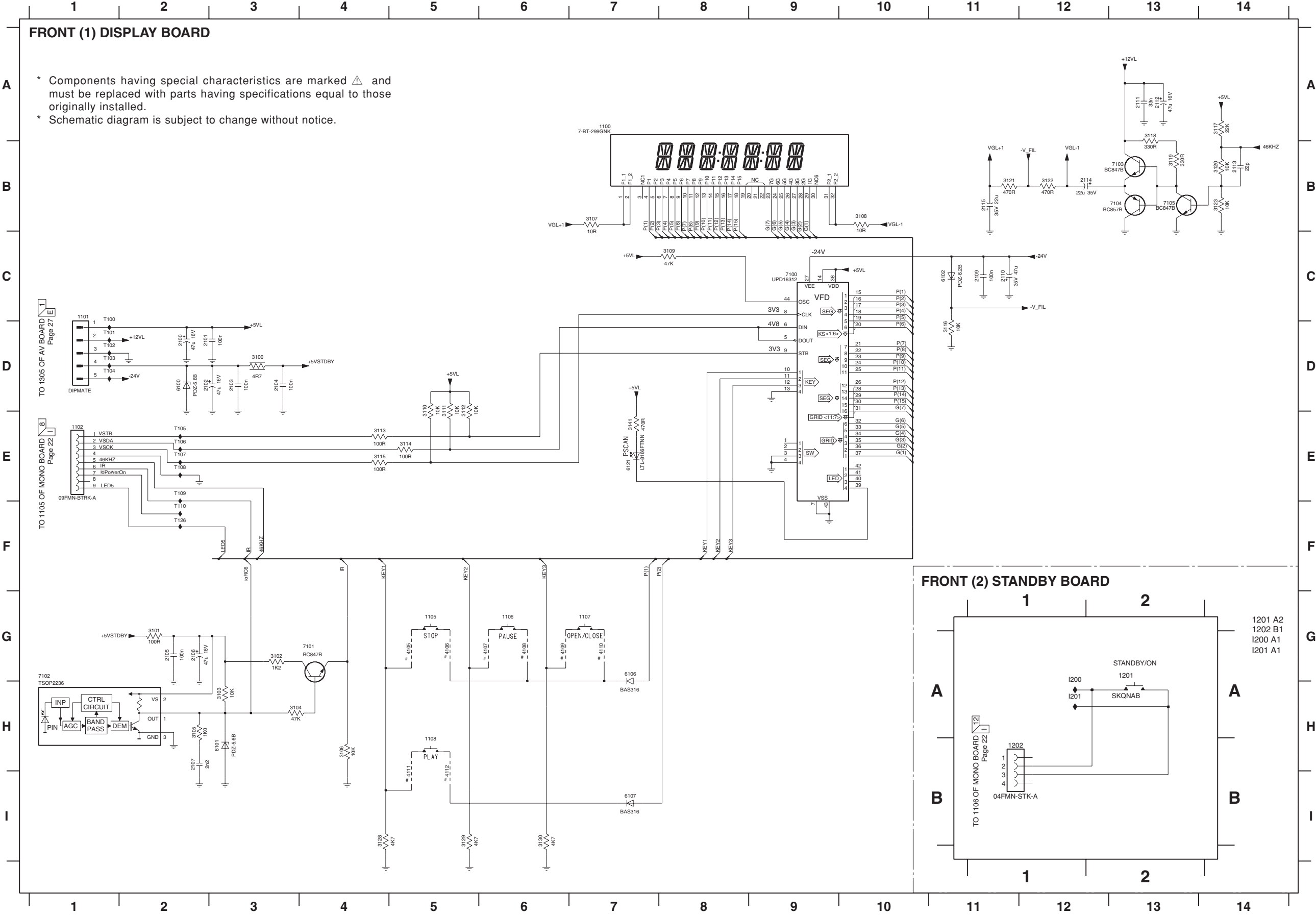


SCHEMATIC DIAGRAM

FOR INFORMATION ONLY (NO SERVICE PARTS WILL BE AVAILABLE)

The first digit of a component indicates the component type.

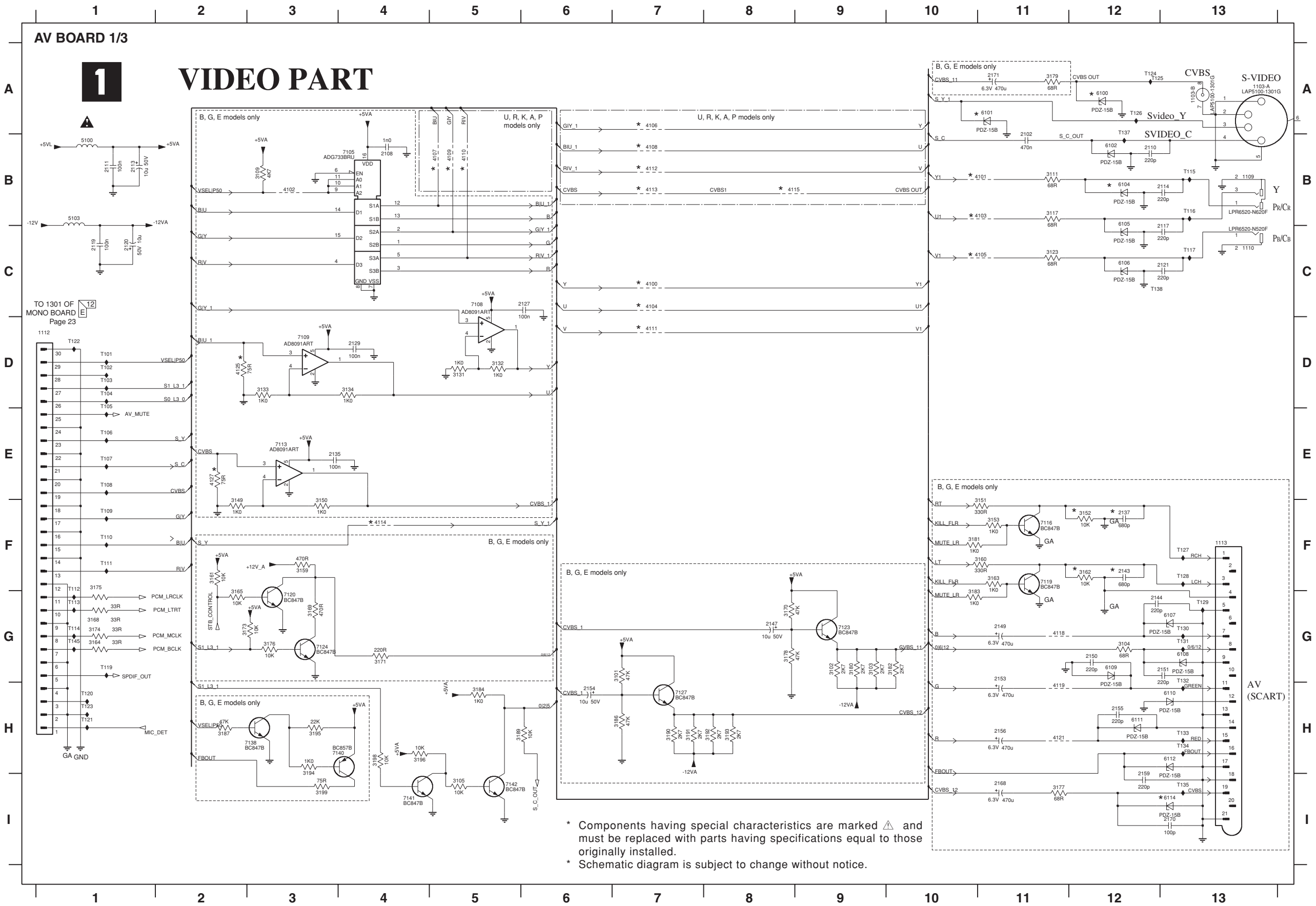
- 1xxx : Connector
- 3xxx : Resistor
- 5xxx : Coil
- 7xxx : IC, Transistor, FET
- 2xxx : Capacitor
- 4xxx : SMD jumper
- 6xxx : Diode
- 9xxx : Wire jumper



- 1100 A7
- 1101 C1
- 1102 E1
- 1103 A1
- 1104 C1
- 1105 G5
- 1106 G6
- 1107 G7
- 1108 H5
- 2100 D2
- 2101 D2
- 2102 D2
- 2103 D3
- 2104 D3
- 2105 G2
- 2106 G2
- 2107 H2
- 2109 C11
- 2110 C11
- 2111 A13
- 2112 A13
- 2113 B14
- 2114 B12
- 2115 B11
- 3100 D3
- 3101 G2
- 3102 G3
- 3103 H3
- 3104 H3
- 3105 H2
- 3106 H4
- 3107 B7
- 3108 B10
- 3109 C8
- 3110 D5
- 3111 D5
- 3112 D5
- 3113 E4
- 3114 E5
- 3115 E4
- 3116 D11
- 3117 A14
- 3118 A13
- 3119 B13
- 3120 B14
- 3121 B11
- 3122 B12
- 3123 B14
- 3128 I4
- 3129 I5
- 3130 I6
- 3132 G10
- 3141 E7
- 4103 H5
- 4105 G5
- 4106 G5
- 4107 G6
- 4108 G6
- 4109 G6
- 4110 G7
- 4111 H5
- 4112 H5
- 6100 D2
- 6101 H3
- 6102 C11
- 6106 G7
- 6107 I7
- 6121 E7
- 7100 C9
- 7101 G4
- 7102 G1
- 7103 B13
- 7104 B13
- 7105 B13
- 7106 G11
- T100 C1
- T101 D1
- T102 D1
- T103 D1
- T104 D1
- T105 E2
- T106 E2
- T107 E2
- T108 E2
- T109 E2
- T110 F2
- T111 A2
- T112 A2
- T113 A2
- T114 A2
- T115 A2
- T116 A2
- T117 A2
- T118 A2
- T119 B2
- T120 B2
- T121 B2
- T122 B2
- T123 B2
- T124 B2
- T125 B2
- T126 F2

■ SCHEMATIC DIAGRAM
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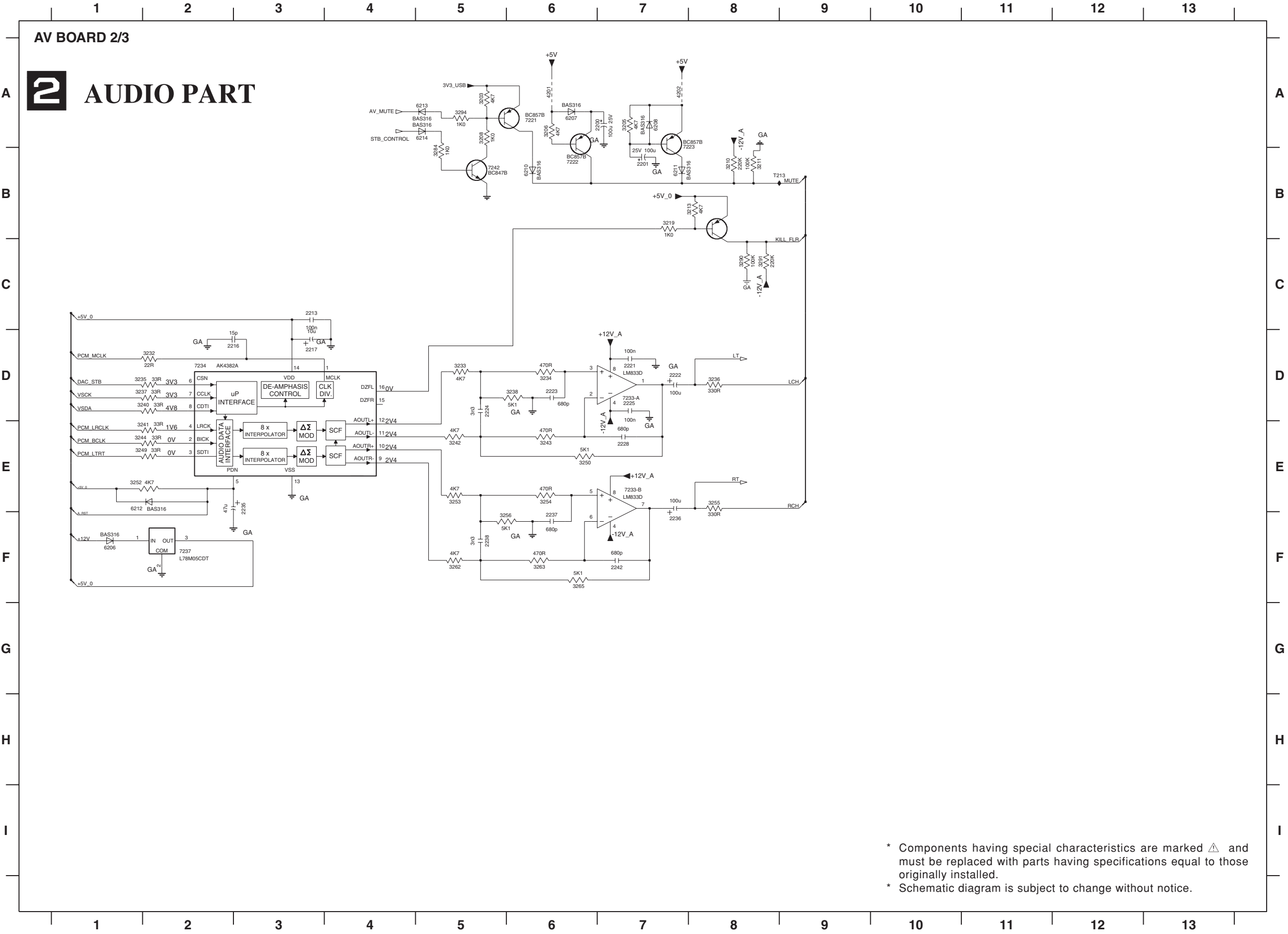


1103-A A13	4127 E2
1103-B A13	5100 B1
1109 B13	5103 B1
1110 C13	6101 A11
1111 C13	6102 B12
1112 D1	6104 B12
1113 F13	6105 B12
2102 B11	6106 C12
2108 B4	6107 G13
2109 B8	6108 G13
2110 B12	6109 G12
2111 B1	6110 H13
2113 B1	6111 H12
2114 B13	6112 H13
2117 C13	6114 I13
2119 C1	7104 B9
2120 C1	7105 B4
2121 C13	7108 C5
2127 C6	7109 D3
2129 D4	7113 E3
2135 E3	7116 F11
2137 F12	7119 F11
2143 F12	7120 G3
2144 G12	7123 G9
2147 G8	7124 G3
2149 G11	7127 H7
2150 G12	7138 H2
2151 G13	7140 H4
2153 G11	7141 I4
2154 H6	7142 I5
2155 H12	T101 D1
2156 H11	T102 D1
2159 I12	T103 D1
2168 I11	T104 D1
2170 I13	T105 D1
2171 A11	T106 E1
3101 G7	T107 E1
3102 G9	T108 E1
3103 G9	T109 F1
3104 G12	T110 F1
3105 I5	T111 F1
3108 A8	T112 F1
3109 B3	T113 G1
3110 B8	T114 G1
3111 B11	T115 B13
3112 B9	T116 B13
3113 B9	T117 C13
3114 B9	T119 G1
3115 B10	T120 H1
3117 B11	T121 H1
3123 C11	T122 D1
3131 D5	T123 H1
3132 D5	T124 A12
3133 D3	T126 A12
3134 D4	T127 F13
3149 F2	T128 F13
3150 F3	T129 G13
3151 F11	T130 G13
3152 F12	T131 G13
3153 F11	T132 G13
3159 F3	T133 H13
3160 F11	T134 H13
3161 F2	T135 I13
3162 F12	T137 A12
3163 F11	T138 C12
3164 G1	T139 C12
3165 G2	T140 D12
3166 G4	T141 D12
3169 G3	T142 D12
3170 G8	T143 D12
3171 G4	T144 E12
3173 G2	T145 G1
3174 G1	
3175 F1	
3176 G3	
3177 I11	
3178 G8	
3179 A11	
3180 G9	
3181 F10	
3182 G10	
3183 G10	
3184 H5	
3186 H7	
3187 H2	
3189 H5	
3190 H7	
3191 H7	
3192 H8	
3193 H8	
3194 H3	
3195 H3	
3196 H4	
3198 H4	
3199 I3	
4100 C7	
4101 B11	
4102 B3	
4103 B11	
4104 C7	
4105 C11	
4106 B7	
4107 B5	
4108 B7	
4109 B5	
4110 B5	
4111 D7	
4112 B7	
4113 B7	
4114 F4	
4115 B8	
4118 G11	
4119 H11	
4121 H11	
4125 D2	

* Components having special characteristics are marked Δ and must be replaced with parts having specifications equal to those originally installed.
* Schematic diagram is subject to change without notice.

■ SCHEMATIC DIAGRAM
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The first digit of a component indicates the component type.
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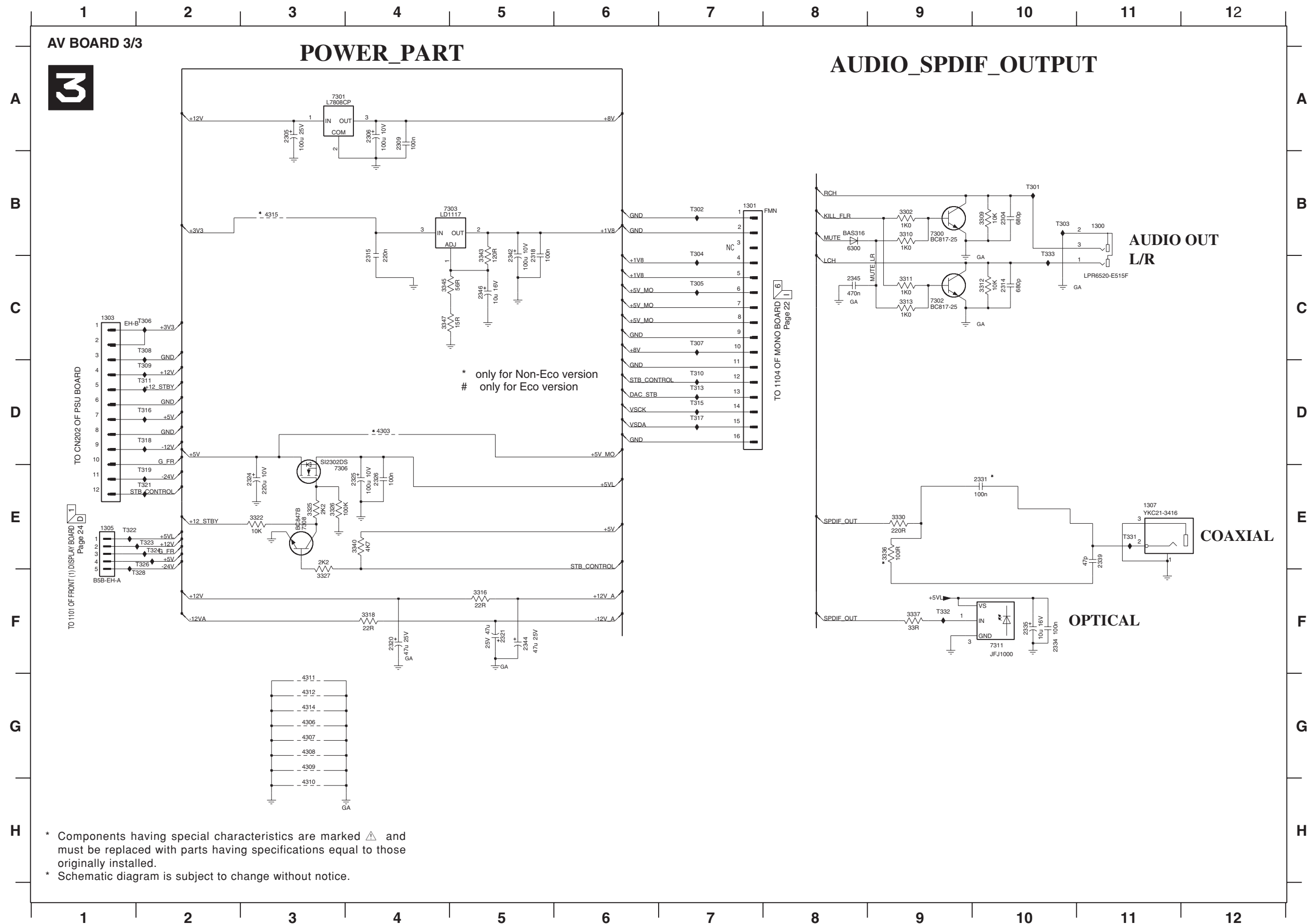
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* Schematic diagram is subject to change without notice.

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2xxx : Capacitor 4xxx : SMD jumper 6xxx : Diode 9xxx : Wire jumper



EXPLODED VIEW

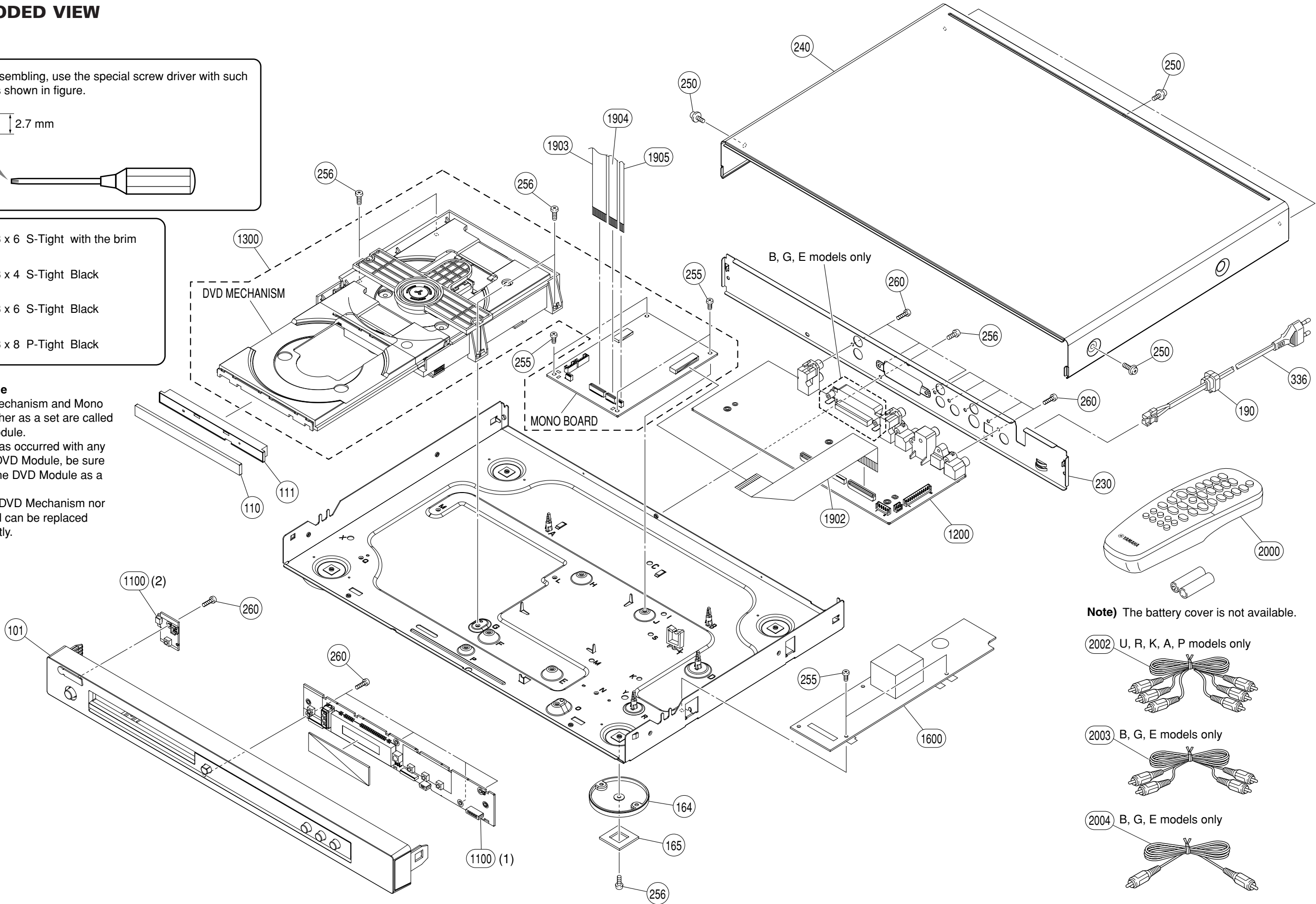
When disassembling, use the special screw driver with such tip shape as shown in figure.

T10 2.7 mm

- 250 3 x 6 S-Tight with the brim
- 255 3 x 4 S-Tight Black
- 256 3 x 6 S-Tight Black
- 260 3 x 8 P-Tight Black

DVD Module

- The DVD Mechanism and Mono Board together as a set are called the DVD Module.
- If a failure has occurred with any part of the DVD Module, be sure to replace the DVD Module as a whole.
- Neither the DVD Mechanism nor Mono Board can be replaced independently.



Note) The battery cover is not available.

2002 U, R, K, A, P models only

2003 B, G, E models only

2004 B, G, E models only

MECHANICAL PARTS

WARNING

- Components having special characteristics are marked  and must be replaced with parts having specifications equal to those originally installed.

Ref. No.	PART NO.	Description	Remarks	Markets
* 101	AAX59610	FRONT PANEL ASS'Y	S550GD 3141 079 02931	RK
* 101	AAX59590	FRONT PANEL ASS'Y	S550BL 3141 079 02911	UABGEP
* 101	AAX59600	FRONT PANEL ASS'Y	S550TI 3141 079 02921	UGE
* 101		FRONT PANEL ASS'Y	S550SI	BGE
* 101	AAX59620	FRONT PANEL ASS'Y	S5750BL 3141 079 02941	U
* 101	AAX59630	FRONT PANEL ASS'Y	S5750SI 3141 079 02951	UA
* 110	AAX58300	TRAY COVER	3139 244 05121	
* 111	AAX58310	TRAY CATCH	3139 244 05131	
* 164	AAX59120	FOOT	GD 3139 244 05411	
* 164	AAX58460	FOOT	BL, TI, SI 3139 244 05111	
* 165	AAX58260	CUSHION	3139 243 10181	
190	AAX53540	BUSH	450H259010 3139 114 26671	
* 230	AAX59100	REAR PANEL	S550 3139 241 22152	UAP
* 230	AAX59110	REAR PANEL	S550 3139 241 22301	RK
* 230	AAX58440	REAR PANEL	S550 3139 241 22151	BGE
* 230	AAX59090	REAR PANEL	S5750 3139 241 22141	UA
* 240	AAX59020	TOP COVER	GD 3139 241 22391	
* 240	AAX58270	TOP COVER	BL 3139 241 22171	
* 240	AAX58290	TOP COVER	TI 3139 241 22191	
* 240	AAX58280	TOP COVER	SI 3139 241 22181	
250	AAX57730	PW HEAD TORX S-TIGHT SCREW	GD 3x6 MFN133 3103 301 45951	
250	AAX55450	PW HEAD TORX S-TIGHT SCREW	BL 3x6 MFZN2BL 3139 110 40611	
250	AAX53440	PW HEAD TORX S-TIGHT SCREW	TI,SI 3x6 MFN133 3104 120 40081	
255	AAX55930	PAN HEAD TORX S-TIGHT SCREW	3x4 MFZN2BL 3141 010 40591	
256	AAX23640	PAN HEAD TORX S-TIGHT SCREW	3x6 MFZN2BL 2511 077 00039	
260	AAX53520	PAN HEAD TORX P-TIGHT SCREW	3x8 MFZN2BL 2511 076 50012	
*  336	AAX47750	POWER CABLE	1.8m 2422 070 98235	U
 336	AAX53630	POWER CABLE	1.8m 2422 070 98231	RGEP
*  336	AAX59130	POWER CABLE	1.8m 2422 070 98222	K
*  336	AAX47740	POWER CABLE	1.8m 2422 070 98233	A
*  336	AAX58470	POWER CABLE	1.8m 3103 140 25882	B
* 1100	AAX58190	P.C.B. ASS'Y	FRONT 3139 248 83061	
* 1200	AAX59010	P.C.B. ASS'Y	A/V 3139 248 83151	URKAP
* 1200	AAX58170	P.C.B. ASS'Y	A/V 3139 248 83161	BGE
* 1300	AAX58160	DVD MODULE	MODULE SD6.1 PL 3139 117 10641	
* 1600	AAX58480	POWER SUPPLY UNIT	HE 2004 MIT 3139 248 72062	
* 1902	AAX58250	FLEXIBLE FLAT CABLE	30P 120mm P=1mm 3139 241 00541	
* 1903	AAX58220	FLEXIBLE FLAT CABLE	16P 220mm P=1mm 3139 111 02421	
* 1904	AAX58230	FLEXIBLE FLAT CABLE	9P 140mm P=1mm 3139 241 00521	
* 1905	AAX58240	FLEXIBLE FLAT CABLE	4P 400mm P=1mm 3139 241 00531	
ACCESSORIES				
* 2000	AAX58450	REMOTE CONTROL	3139 248 71873	
2002	AAX23450	AUDIO/VIDEO PIN CABLE	YE/RD/WH 1.5m 1pc 2422 076 00304	URKAP
2003	AAX21980	AUDIO PIN CABLE	RD/WH 1.5m 1pc 3103 308 92611	BGE
2004	AAX22970	VIDEO PIN CABLE	YE 1.5m 1pc 3104 108 45432	BGE
		BATTERY	UM-3 (2pcs)	

* New Parts

DVD-S550/DV-S5750

