

Service Manual

ORDER NO.
RRV1626

STEREO FILE-TYPE CD CASSETTE DECK RECEIVER

XR-P560F

- Refer to the service manual RRV1515 for XR-P260F /KUXJ.



THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Type	Model	Power Requirement	Remarks
	XR-P560F		
MYIXK	○	AC220-230V	
MYXK/EA	○	AC220-230V	
MYXK/EB	○	AC220-230V	
NVXK	○	AC230V	


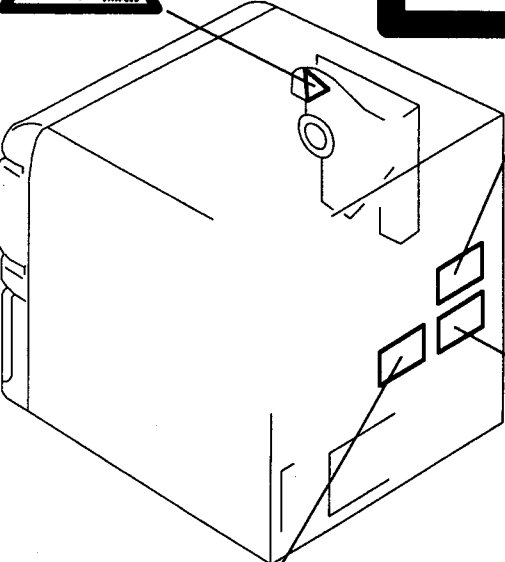
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1. SAFETY INFORMATION

<p>VARO! AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.</p>	 <p>LASER Kuva 1 Lasersäteilyn varoitusmerkki</p>	<p>WARNING! DEVICE INCLUDES LASER DIODE WHICH EMITS INVISIBLE INFRARED RADIATION WHICH IS DANGEROUS TO EYES. THERE IS A WARNING SIGN ACCORDING TO PICTURE 1 INSIDE THE DEVICE CLOSE TO THE LASER DIODE.</p>	 <p>LASER Picture 1 Warning sign for laser radiation</p>
<p>ADVERSEL: USYNLIG LASERSTRÅLING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION UNDGÅ UDSÆTTELSE FOR STRÅLING.</p>	<p>IMPORTANT THIS PIONEER APPARATUS CONTAINS LASER OF CLASS 1. SERVICING OPERATION OF THE APPARATUS SHOULD BE DONE BY A SPECIALLY INSTRUCTED PERSON.</p>		
<p>VARNING! OSYNLIG LASERSTRÅLING NÅR DENNA DEL ÄR ÖPPNAD OCH SPÄRREN ÄR URKOPPLAD. BETRAKTA EJ STRÅLEN.</p>	<p>LASER DIODE CHARACTERISTICS MAXIMUM OUTPUT POWER: 5 mw WAVELENGTH: 780-785 nm</p>		

LABEL CHECK

<p>All types</p>  	<p>All types</p> <div style="border: 2px solid black; padding: 5px; text-align: center;"> <p>CLASS 1 LASER PRODUCT ARW1046</p> </div>	<p>Additional Laser Caution</p> <ol style="list-style-type: none"> Laser Interlock Mechanism The position of the switch (S651) for detecting loading state is detected by the system microprocessor, and the design prevents laser diode oscillation when the switch (S651) is not on CLMP terminal side (CLMP signal is OFF or high level.). Thus, the interlock will no longer function if the switch (S651) is deliberately set to CLMP terminal side (low level). The interlock also does not function in the test mode * . Laser diode oscillation will continue, if pin 1 of M51593FP (IC101) on the PRE AMP BOARD ASSY mounted on the pickup assy is connected to GND, or pin 19 is connected to low level (ON), or else the terminals of Q101 are shorted to each other (fault condition). When the cover is opened, close viewing of the objective lens with the naked eye will cause exposure to a Class 1 laser beam. <p>* Refer to page 55 in the service manual RRV1515.</p>
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<p>ADVARSEL USYNLIG LASERSTRÅLING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLING. VARO! Avattaessa ja suojalukitus ohitettaessa olet alttiina näkymättömälle lasersäteilylle. Älä katso säteeseen.</p>	<p>VORSICHT! UNSICHTBARE LASER-STRÅHLUNG TRITTT AUS, WENN DECKEL/DOER KLAPPE/GEÖFFNET IST! NICHT DEM STRAHL AUSSETZEN! VARNING! Osynlig laserstråling når denna del är öppnad och spärren är urkopplad. Betrakta ej strålen.</p>
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MYXK/EA and MYXK/EB types

ADVARSEL
USYNLIG LASERSTRÅLING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLING.
VORSICHT!
UNSICHTBARE LASER-STRÅHLUNG TRITTT AUS, WENN DECKEL (ODER KLAPPE) GEÖFFNET IST! NICHT DEM STRAHL AUSSETZEN!
ARW1046

MYIXK type

CAUTION
INVISIBLE LASER RADIATION WHEN OPEN, AVOID EXPOSURE TO BEAM
ARW1050

NVXK type

2. CONTRAST OF MISCELLANEOUS PARTS

NOTES:

- Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
- The Δ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- Parts marked by "⊙" are not always kept in stock. Their delivery time may be longer than usual or they may be unavailable.
- When ordering resistors, first convert resistance values into code form as shown in the following examples.
 - Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J=5%, and K=10%).
 - 560 Ω \rightarrow $56 \times 10^1 \rightarrow$ 561 RD1/4PU $\boxed{5}\boxed{6}\boxed{1}J$
 - 47k Ω \rightarrow $47 \times 10^3 \rightarrow$ 473 RD1/4PU $\boxed{4}\boxed{7}\boxed{3}J$
 - 0.5 Ω \rightarrow 0R5 RN2H $\boxed{0}\boxed{R}\boxed{5}K$
 - 1 Ω \rightarrow 1R0 RSIP $\boxed{1}\boxed{R}\boxed{0}K$
 - Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).
 - 5.62k Ω \rightarrow $562 \times 10^1 \rightarrow$ 5621 RN1/4PC $\boxed{5}\boxed{6}\boxed{2}\boxed{1}F$

■ CONTRAST OF XR - P560F/MYIXK, MYXK/EA, MYXK/EB, NVXK AND XR - P260F/KUXJ

XR - P560F/MYIXK, MYXK/EA, MYXK/EB, NVXK and XR - P260F/KUXJ have the same construction except for the following :

Mark	Symbol & Description	Part No.					Remarks
		XR - P260F /KUXJ	XR - P560F /MYIXK	XR - P560F /MYXK/EA	XR - P560F /MYXK/EB	XR - P560F /NVXK	
NSP	FM/AM TUNER MODULE	AXQ3112	AXQ3214	AXQ3214	AXQ3214	AXQ3214	
	MAIN Assy	AWM7203	AWM7204	AWM7204	AWM7204	AWM7204	
	└ AF Assy	AWZ8232	AWZ8233	AWZ8233	AWZ8233	AWZ8233	
	└ AMP Assy	AWZ8239	AWZ8240	AWZ8240	AWZ8240	AWZ8240	
	└ REG Assy	AWZ8246	AWZ8293	AWZ8293	AWZ8293	AWZ8293	
	NSP └ PRIMARY Assy	AWZ8248	AWZ8249	AWZ8249	AWZ8249	AWZ8249	
	NSP └ SECONDARY Assy	AWZ8255	AWZ8256	AWZ8256	AWZ8256	AWZ8256	
	NSP └ RELAY Assy	AWZ8262	AWZ8294	AWZ8294	AWZ8294	AWZ8294	
	NSP COMP Assy	AWM7210	AWM7211	AWM7211	AWM7211	AWM7211	
	└ GM - CD Assy	AWZ8263	AWZ8264	AWZ8264	AWZ8264	AWZ8264	
└ VR Assy	AWZ8270	AWZ8271	AWZ8271	AWZ8271	AWZ8271		
└ CONTROL Assy	AWZ8277	AWZ8278	AWZ8278	AWZ8278	AWZ8278		
└ DISPLAY Assy	AWZ8284	AWZ8285	AWZ8285	AWZ8285	AWZ8285		
NSP └ HOME SW Assy	AWZ8288	AWZ8295	AWZ8295	AWZ8295	AWZ8295		
NSP └ HOOD SW Assy	AWZ8290	AWZ8296	AWZ8296	AWZ8296	AWZ8296		
	Volume Knob	AAB7069	AAB7046	AAB7046	AAB7046	AAB7046	No. 1
	Mic Volume Knob	AAB7070	AAB7068	AAB7068	AAB7068	AAB7068	
	Door Window L	AAK7211	AAK7197	AAK7197	AAK7197	AAK7197	
	Door Window R	AAK7267	AAK7268	AAK7268	AAK7268	AAK7268	
	Door Panel L	AAN7128	AAN7122	AAN7122	AAN7122	AAN7122	
	Door Panel R	AAN7129	AAN7123	AAN7123	AAN7123	AAN7123	
	Door M	AAN7115	AAN7124	AAN7124	AAN7124	AAN7124	
	Earth Screw	Not used	ABA1047	ABA1047	ABA1047	ABA1047	
	Washer	ABF7002	ABE - 053	ABE - 053	ABE - 053	ABE - 053	
	(Between HOME SW Assy and Rack Base)						
	Door Spring L	ABH7084	ABH7093	ABH7093	ABH7093	ABH7093	
	Door Spring R	ABH7085	ABH7094	ABH7094	ABH7094	ABH7094	
	Door M Spring	ABH7090	ABH7096	ABH7096	ABH7096	ABH7096	
	Eject Spring (L)	ABH7102	ABH7028	ABH7028	ABH7028	ABH7028	
	Eject Spring (R)	ABH7103	ABH7029	ABH7029	ABH7029	ABH7029	

Note : The numbers in the remarks column correspond to the numbers on the exploded diagram. Refer to "EXPLODED VIEWS".

XR - P560F

Mark	Symbol & Description	Part No.					Remarks	
		XR - P260F /KUXJ	XR - P560F /MYIXK	XR - P560F /MYXK/EA	XR - P560F /MYXK/EB	XR - P560F /NVXK		
△ NSP	AC Power Cord	PDG1057	ADG1138	ADG1138	ADG1138	ADG1148		
	Fuse (T5A) (With in AC Plug)	Not used	Not used	Not used	Not used	AEK1046		
NSP	LSR Support	AEC7055	VEC1596	VEC1596	VEC1596	VEC1596		
NSP	Spacer	AEC7056	PNW2488	PNW2488	PNW2488	PNW2488		
△	Fuse (FU101:T1.25A)	Not used	AEK1055	AEK1055	AEK1055	AEK1055		
△	Fuse (FU101:4A)	REK1082	Not used	Not used	Not used	Not used		
	Front Panel	AMB7319	AMB7320	AMB7320	AMB7320	AMB7320		
	Eject Arm (L)	AMR7074	AMR7024	AMR7024	AMR7024	AMR7024		
	Eject Arm (R)	AMR7075	AMR7025	AMR7025	AMR7025	AMR7025		
	Blind Mold L	AMR7100	AMR7092	AMR7092	AMR7092	AMR7092		
	NSP	Blind Mold R	AMR7101	AMR7093	AMR7093	AMR7093	AMR7093	
		Chassis	ANA7034	ANA7030	ANA7030	ANA7030	ANA7030	
		Sub Chassis	ANA7038	ANA7037	ANA7037	ANA7037	ANA7037	
		Rear Panel	ANC7305	ANC7401	ANC7312	ANC7312	ANC7398	
		Front Stay	AND7009	AND7014	AND7014	AND7014	AND7014	
	Rear Stay	AND7010	AND7015	AND7015	AND7015	AND7015		
	Home Lock Stay	AND7012	AND7016	AND7016	AND7016	AND7016		
	Bonnet	ANE7093	ANE7096	ANE7096	ANE7096	ANE7096		
	GND Holder	ANG7072	ANG7080	ANG7080	ANG7080	ANG7080		
	Link M	ANG7076	ANG7081	ANG7081	ANG7081	ANG7081		
△	Heat Sink	ANH7033	ANH7027	ANH7027	ANH7027	ANH7027		
	Power Transformer (T1) (AC120V)	ATS7099	Not used	Not used	Not used	Not used		
	Power Transformer (T1) (AC220-230V)	Not used	ATS7098	ATS7098	ATS7098	ATS7098		
△	Strain Relief	CM-22C	CM-22B	CM-22B	CM-22B	CM-22B		
	Connector Assy 5P	RKP1682	ADX7045	ADX7045	ADX7045	ADX7045		
NSP	Connector Assy 3P	RKP1683	ADX7046	ADX7046	ADX7046	ADX7046		
	C1 Ceramic Capacitor	Not used	CKDYB102K50	CKDYB102K50	CKDYB102K50	CKDYB102K50	No. 2	
	Label	ARW7016	ARW7012	ARW7012	ARW7012	ARW7012		
	Caution Label (F)	Not used	ARW1046	ARW1046	ARW1046	ARW1046	No. 3	
NSP	Caution Label	Not used	ARW1049	Not used	Not used	ARW1050	No. 4	
NSP	Caution Label	Not used	Not used	ARW1047	ARW1047	Not used	No. 5	
	65 Label	ORW1069	Not used	Not used	Not used	Not used		
NSP	Caution Label (G)	Not used	VRW-329	VRW-329	VRW-329	VRW-329	No. 6	
	FM Antenna	ADH1017	ADH1019	ADH1019	ADH1019	ADH1019		
	Loop Antenna	ATB7004	ATB7002	ATB7002	ATB7002	ATB7002		
NSP	Front Pad LR	AHA7098	AHA7102	AHA7102	AHA7102	AHA7102		
	Rear Pad LR	AHA7099	AHA7103	AHA7103	AHA7103	AHA7103		
	Packing Case	AHD7233	AHD7238	AHD7238	AHD7238	AHD7238		
	Packing Sheet	AHG7003	AHG7001	AHG7001	AHG7001	AHG7001		
	Polyethylene Bag	AHG7030	AHG1091	AHG1091	AHG1091	AHG1091		
	CD Case Rack	AMR7072	AMR7086	AMR7086	AMR7086	AMR7086		
	Operating Instructions (English)	ARB7056	Not used	Not used	ARB7057	ARB7057		
Operating Instructions (German/Italian)	Not used	ARC7088	ARC7088	Not used	Not used			
Operating Instructions (French/Dutch)	Not used	Not used	ARC7087	Not used	Not used			
Operating Instructions (French/Swedish/Spanish/Portuguese)	Not used	Not used	Not used	ARC7126	Not used			

Note : The numbers in the remarks column correspond to the numbers on the exploded diagram.
Refer to "EXPLODED VIEWS".

AF ASSY

AWZ8233 and AWZ8232 have the same construction except for the following :

Mark	Symbol & Description	Part No.		Remarks
		AWZ8232	AWZ8233	
	L3201 C1006 (0.01 μ F/150V) C2001, C2002 C2044, C2045, C2107, C2108 C2105, C2106, C2109 - C2112, C3201	Not used ACG1005 Not used Not used Not used	LAU221J Not used CCSQCH101J50 CKSQYB102K50 CKSQYF104Z50	* * * *
	C3012 - C3015 C3017, C3018 C4109, C4110, C4211, C4212 R2015 R2019	Not used CKSQYF104Z50 Not used RS1/10S153J RS1/10S331J	CCSQCH150J50 Not used CCSQCH470J50 RS1/10S752J RS1/10S132J	* * *
	R2107, R2108 R3046 CN10 SPEAKER TERMINAL 4 - P J3001 BOARD - IN WIRE J3002 BOARD - IN WIRE	Not used RS1/10S000J AKE7023 DB020ND0 DB925ND0	RD1/4PM100J Not used AKE7024 Not used Not used	*

Note * : Refer to SCH - 2F and SCH - 3F.

AMP ASSY

AWZ8240 and AWZ8239 have the same construction except for the following :

Mark	Symbol & Description	Part No.		Remarks
		AWZ8239	AWZ8240	
	C305, C306	Not used	CCSQCH101J50	*

Note * : Refer to SCH - 5F.

REG ASSY

Although AWZ8246 and AWZ8293 are different in part number, they consist of the same components.

PRIMARY ASSY

AWZ8249 and AWZ8248 have the same construction except for the following :

Mark	Symbol & Description	Part No.		Remarks
		AWZ8248	AWZ8249	
Δ	L101	Not used	ATF - 151	*
Δ	C101, C102 (0.01 μ F/250V)	Not used	ACG7005	*
Δ	R101 (2.2M Ω , 1/2W)	ACN - 208	Not used	

Note * : Refer to SCH - 3F.

XR - P560F

SECONDARY ASSY

Although AWZ8255 and AWZ8256 are different in part number, they consist of the same components.

RELAY ASSY

Although AWZ8262 and AWZ8294 are different in part number, they consist of the same components.

GM - CD ASSY

AWZ8264 and AWZ8263 have the same construction except for the following :

Mark	Symbol & Description	Part No.		Remarks
		AWZ8263	AWZ8264	
	VR8151,VR8152	RCP1103	VRTP6HS223	

VR ASSY

Although AWZ8270 and AWZ8271 are different in part number, they consist of the same components.

CONTROL ASSY

AWZ8278 and AWZ8277 have the same construction except for the following :

Mark	Symbol & Description	Part No.		Remarks
		AWZ8277	AWZ8278	
	D501	1SS254	Not used	
	D502	Not used	1SS254	*
	L591	Not used	LAU180J	*
	C515,C522	Not used	CKSQYB472K50	*
	C516,C517,C591,C592	Not used	CCSQCH101J50	*
	C595,C596	Not used	CKSQYB102K50	*

Note * : Refer to SCH-4F.

DISPLAY ASSY

Although AWZ8284 and AWZ8285 are different in part number, they consist of the same components.

HOME SW ASSY

Although AWZ8288 and AWZ8295 are different in part number, they consist of the same components.

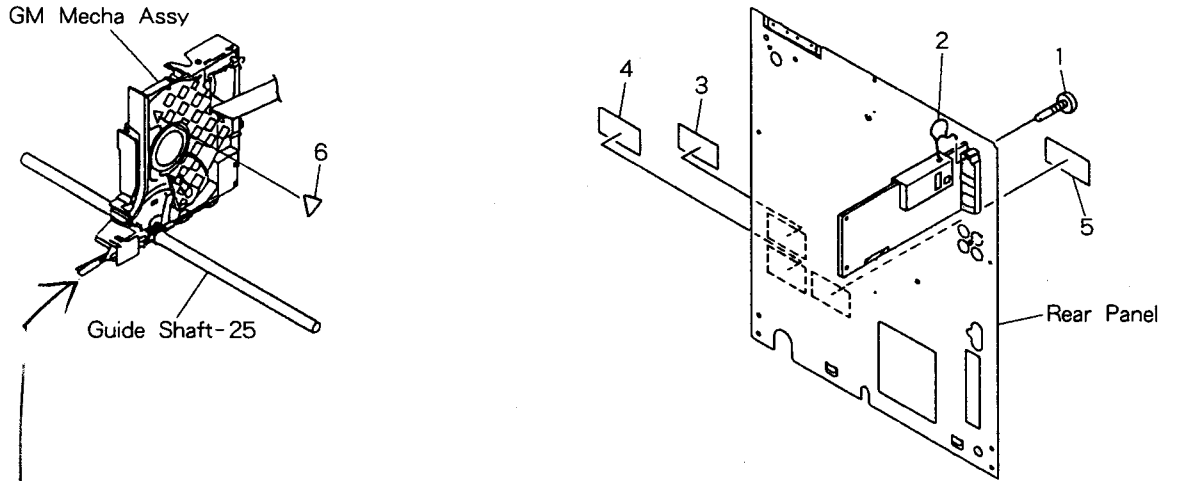
HOOD SW ASSY

Although AWZ8290 and AWZ8296 are different in part number, they consist of the same components.

■ EXPLODED VIEWS

● EXTERIOR SECTION

Note : The numbers on the exterior section correspond to the numbers in the remarks column of the comparative table.
Refer to "CONTRAST OF MISCELLANEOUS PARTS".



ARM = ANW 7057 = ANW 7128

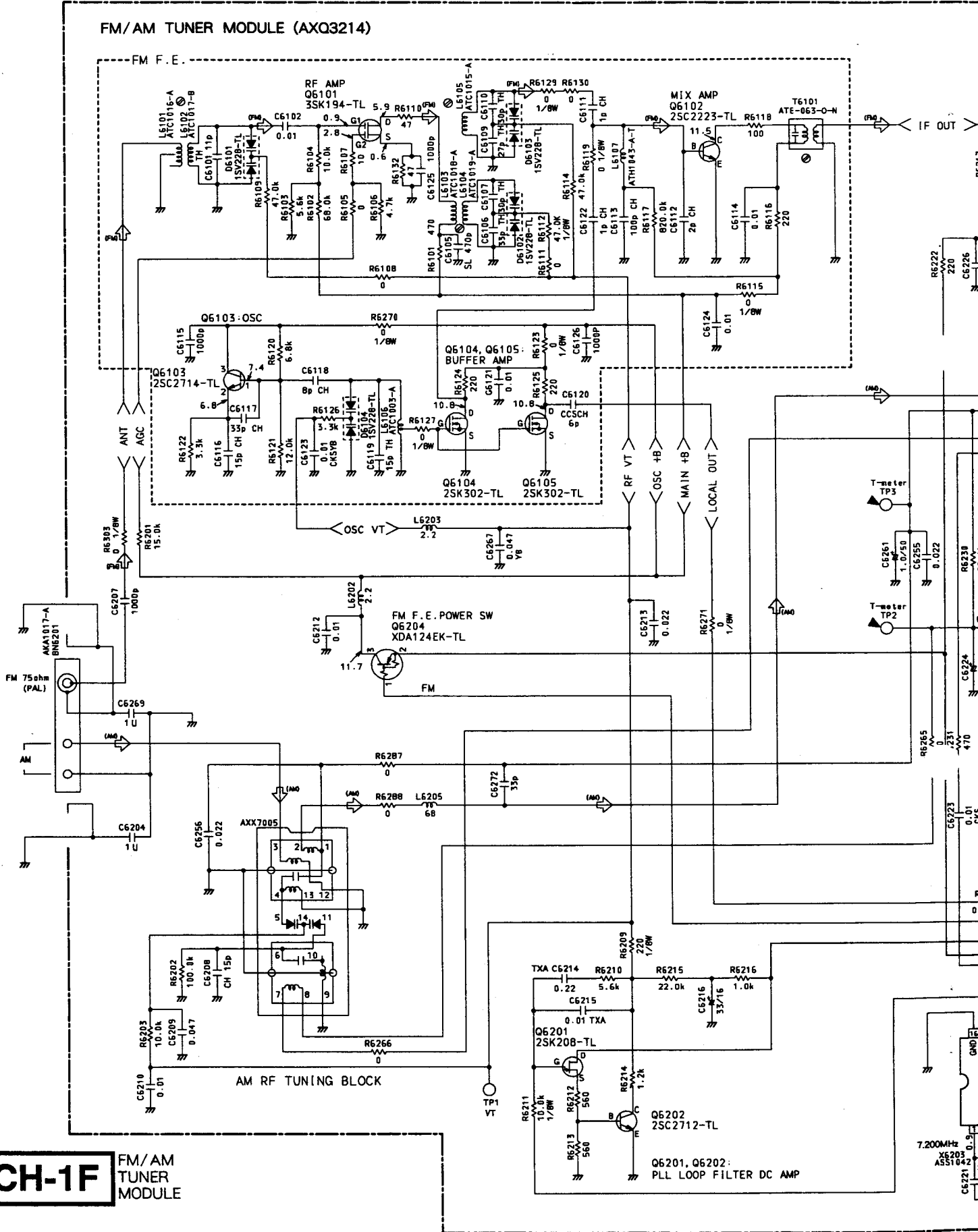
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■ PCB PARTS LIST

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
FM/AM TUNER MODULE (AXQ3214)							
SEMICONDUCTORS							
	IC6201		LA1836M		C6219		CEAS470M10
	IC6202		LM7001J		C6243-C6245		CEAS470M16
	Q6102		2SC2223		C6238, C6248		CEJA100M16
	Q6203		2SC2235		C6249, C6250		CEJA4R7M35
	Q6202, Q6218		2SC2712		C6215		CFTXA103J50
	Q6103, Q6214		2SC2714		C6214		CFTXA224J50
	Q6201		2SK208		C6115, C6125, C6126, C6207		CKSQYB102K50
	Q6104, Q6105		2SK302		C6102, C6114, C6121, C6124, C6210		CKSQYB103K50
	Q6101		3SK194		C6264		CKSQYB103K50
	Q6204		XDA124EK		C6247		CKSQYB122K50
	Q6217		XDC124EK		C6213		CKSQYB223K50
	D6101-D6104		1SV228		C6230		CKSQYB273K50
COILS AND FILTERS					C6228		CKSQYB472K50
	L6106		ATC1003		C6209, C6237, C6267		CKSQYB473K50
	L6105		ATC1015		C6251, C6252		CKSQYB562K50
	L6101		ATC1016		C6212, C6218		CKSQYF103Z50
	L6102		ATC1017		C6220, C6226, C6239, C6242		CKSQYF223Z50
	L6103		ATC1018		C6255, C6256		CKSQYF223Z50
	L6104		ATC1019		C6235		CKSQYF224Z25
	L6207 (10.7MHz)		ATE1013		C6225, C6241		CKSQYF473Z50
	F6204		ATF-107		C6123		CKSYB103K50
	F6203		ATF-119		C6232		CKSYB273K50
	F6205		ATF1152		C6223		CKSYF103Z50
	F6202 (450KHz)		ATF1155		C6263		CKSYF473Z50
	L6107 (2.2 μ H)		ATH1043		RESISTORS		
	L6202, L6203, L6208		LCTA2R2J3225		R6299, R6300		RD1/6PM102J
	L6205		LCTA680J3225		R6115, R6119, R6123, R6127, R6129		RS1/8S000J
TRANSFORMER					R6268-R6271, R6275, R6276, R6278		RS1/8S000J
	T6101		ATE-063		R6283, R6284, R6293, R6294, R6297		RS1/8S000J
CAPACITORS					R6302, R6303		RS1/8S000J
	C6204, C6234, C6236, C6269 (1 μ F/16V)		ACG1051		R6243, R6244		RS1/8S101J
	C6120		CCSCH060D50		R6211, R6239		RS1/8S103J
	C6229		CCSCH102J50		R6237		RS1/8S122J
	C6111, C6122		CCSQCH010C50		R6209		RS1/8S221J
	C6112		CCSQCH020C50		R6112		RS1/8S473J
	C6118		CCSQCH080D50		VR6201 (10k Ω)		ACP1056
	C6113		CCSQCH101J50		VR6202		VRTB6VS223
	C6116, C6208, C6221, C6222		CCSQCH150J50		Other Resistors		RS1/10S□□□J
	C6117		CCSQCH330J50		OTHERS		
	C6272		CCSQL330J50		X6203	CRYSTAL RESONATOR (7.200MHz)	ASS1042
	C6105		CCSQL471J50		X6201	CERAMIC RESONATOR (456KHz)	ASS1066
	C6101		CCSQTH110J50		X6202	CERAMIC RESONATOR (450KHz)	ATF1027
	C6119		CCSQTH150J50		BN6201	2P TERMINAL WITH PAL	AKA1017
	C6109		CCSQTH270J50		CN6201	14P SOCKET	KP2001A14L
	C6107, C6110		CCSQTH300J50			AF RF TUNING BLOCK	AXX7005
	C6106		CCSQTH330J50				
	C6261		CEAS010M50				
	C6224, C6231, C6233, C6246, C6262		CEAS100M50				
	C6227		CEAS101M10				
	C6216, C6217		CEAS330M16				

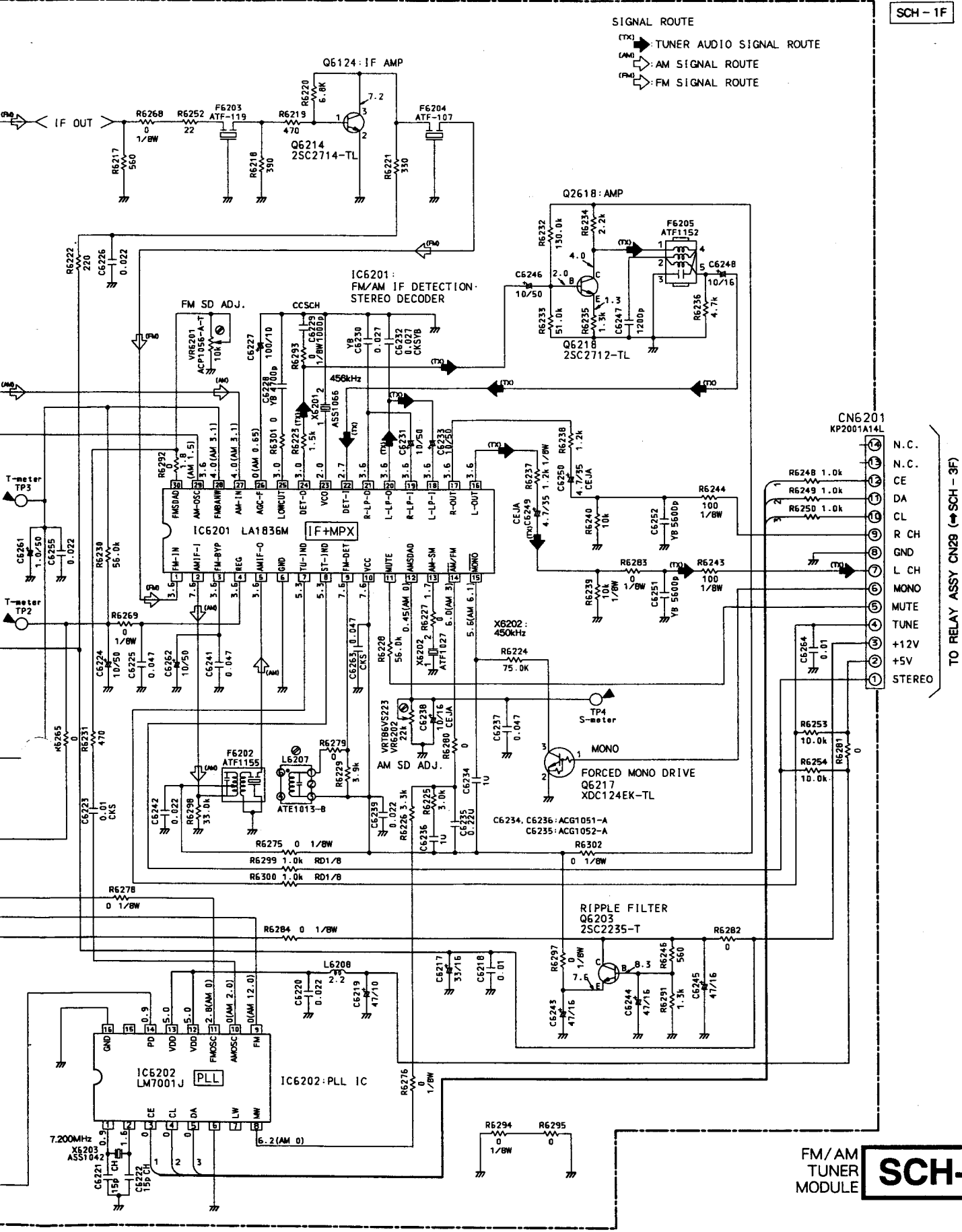
3. SCHEMATIC AND PCB DIAGRAMS

3.1 FM/AM TUNER MODULE



SCH-1F FM/AM TUNER MODULE

SIGNAL ROUTE
 (TX) TUNER AUDIO SIGNAL ROUTE
 (AM) AM SIGNAL ROUTE
 (FM) FM SIGNAL ROUTE



CN6201 KP2001A14L
 N.C.
 N.C.
 CE
 DA
 CL
 R CH
 GND
 L CH
 MONO
 MUTE
 TUNE
 +12V
 +5V
 STEREO
 TO RELAY ASSY CN28 (→SCH - 3F)

FM/AM TUNER MODULE **SCH-1F**

NOTE FOR SCHEMATIC DIAGRAMS (Type 1A)

1. When ordering service parts, be sure to refer to "PARTS LIST of EXPLODED VIEWS" or "PCB PARTS LIST".

2. Since these are basic circuits, some parts of them or the values of some components may be changed for improvement.

3. RESISTORS:

Unit: k:k Ω , M:M Ω , or Ω unless otherwise noted.

Rated power: 1/4W, 1/8W, 1/8W, 1/10W unless otherwise noted.

Tolerance:(F): $\pm 1\%$, (G): $\pm 2\%$, (K): $\pm 10\%$, (M): $\pm 20\%$ or $\pm 5\%$ unless otherwise noted.

4. CAPACITORS:

Unit: p:pF or μ F unless otherwise noted.

Ratings: capacitor (μ F) / voltage (V) unless otherwise noted.


Rated voltage: 50V except for electrolytic capacitors.

5. COILS:

Unit: m:mH or μ H unless otherwise noted.

6. VOLTAGE AND CURRENT:

 : Signal voltage at rated output.

 or \leftarrow V :

DC voltage (V) at no input signal unless otherwise noted.

Value in () is DC voltage at rated power.

\leftarrow mA or \leftarrow mA :

DC current at no input signal unless otherwise noted.

7. OTHERS:

●/○ or ●/○ : Adjusting point.

● ◀ : Measurement point.

● The Δ mark found on some component parts indicates the importance of the safety factor of the parts. Therefore, when replacing, be sure to use parts of identical designation.

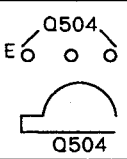
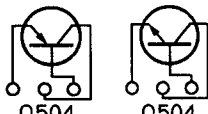
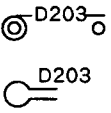

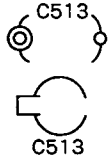

8. SCH - ON THE SCHEMATIC DIAGRAM:

● SCH- indicates the drawing number of the schematic diagram. (SCH stands for schematic diagram.)



NOTE FOR PCB DIAGRAMS:

1. Part numbers in PCB diagrams match those in the schematic diagrams.

2. A comparison between the main parts of PCB and schematic diagrams is shown below.

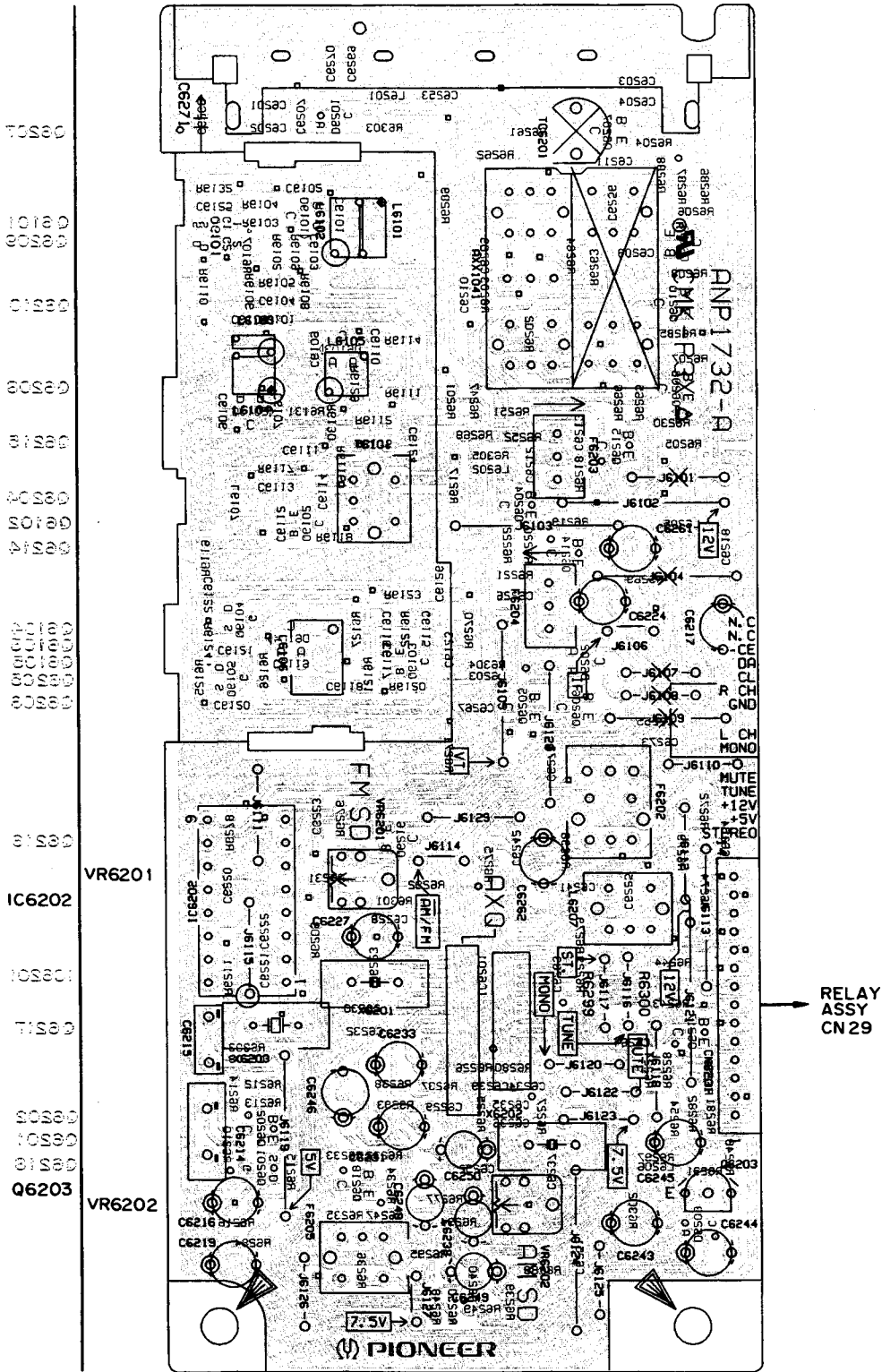
Symbol in PCB Diagrams	Symbol in Schematic Diagrams	Part Name
		Transistor
		Diode
		Capacitor (Polarized)

3. The transistor terminal marked with E or  shows the emitter.

4. The diode terminal marked with  or  shows cathode side.

5. The capacitor terminal marked with  or  shows negative terminal.

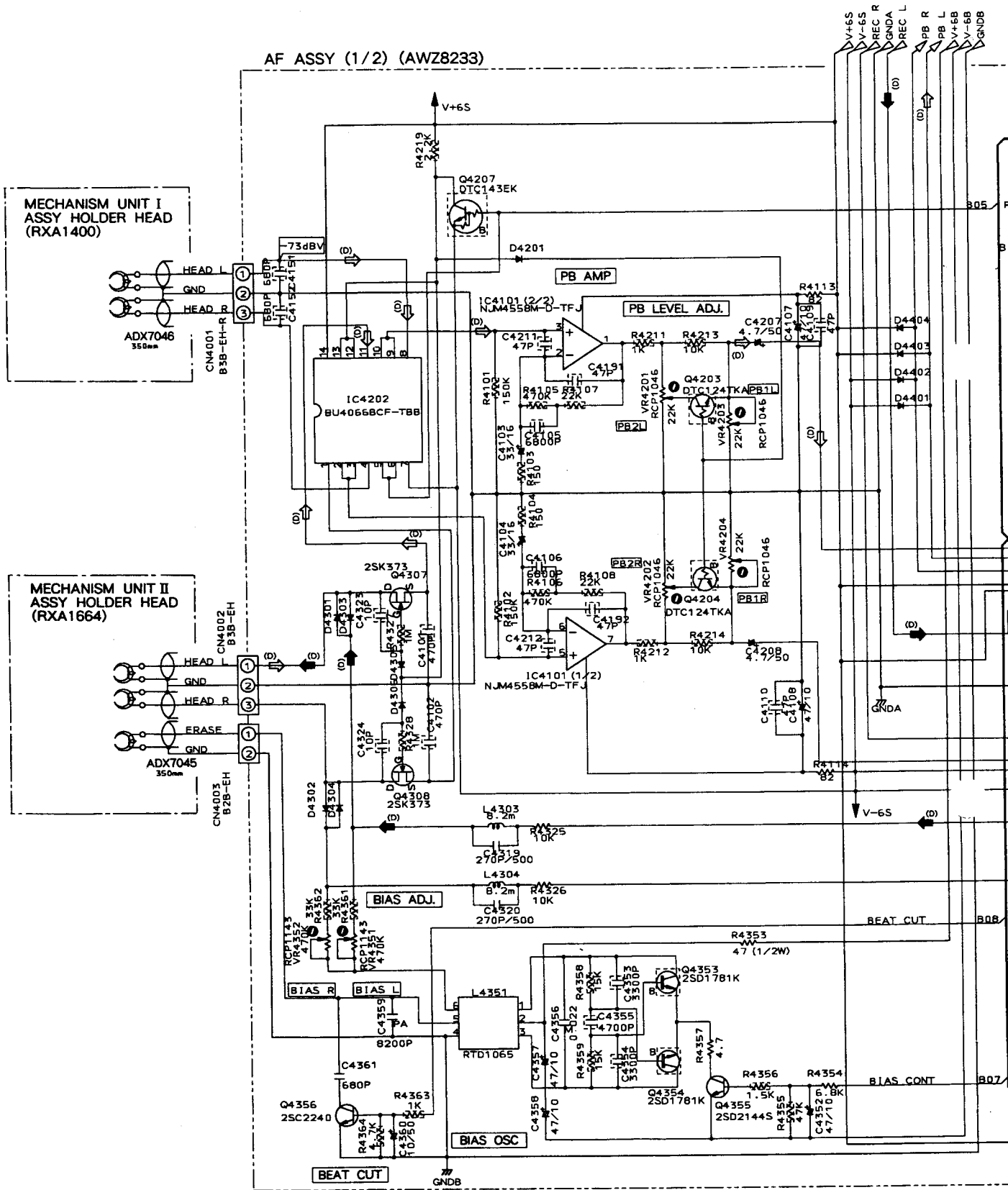
FM/AM TUNER MODULE



- This diagram is viewed from the mounted parts side.
- The parts mounted on this PCB include all necessary parts for several destinations.
For further information for respective destinations, be sure to check with the schematic diagram.

3.2 AF ASSY (1/2)

TO AF ASSY (2/2)

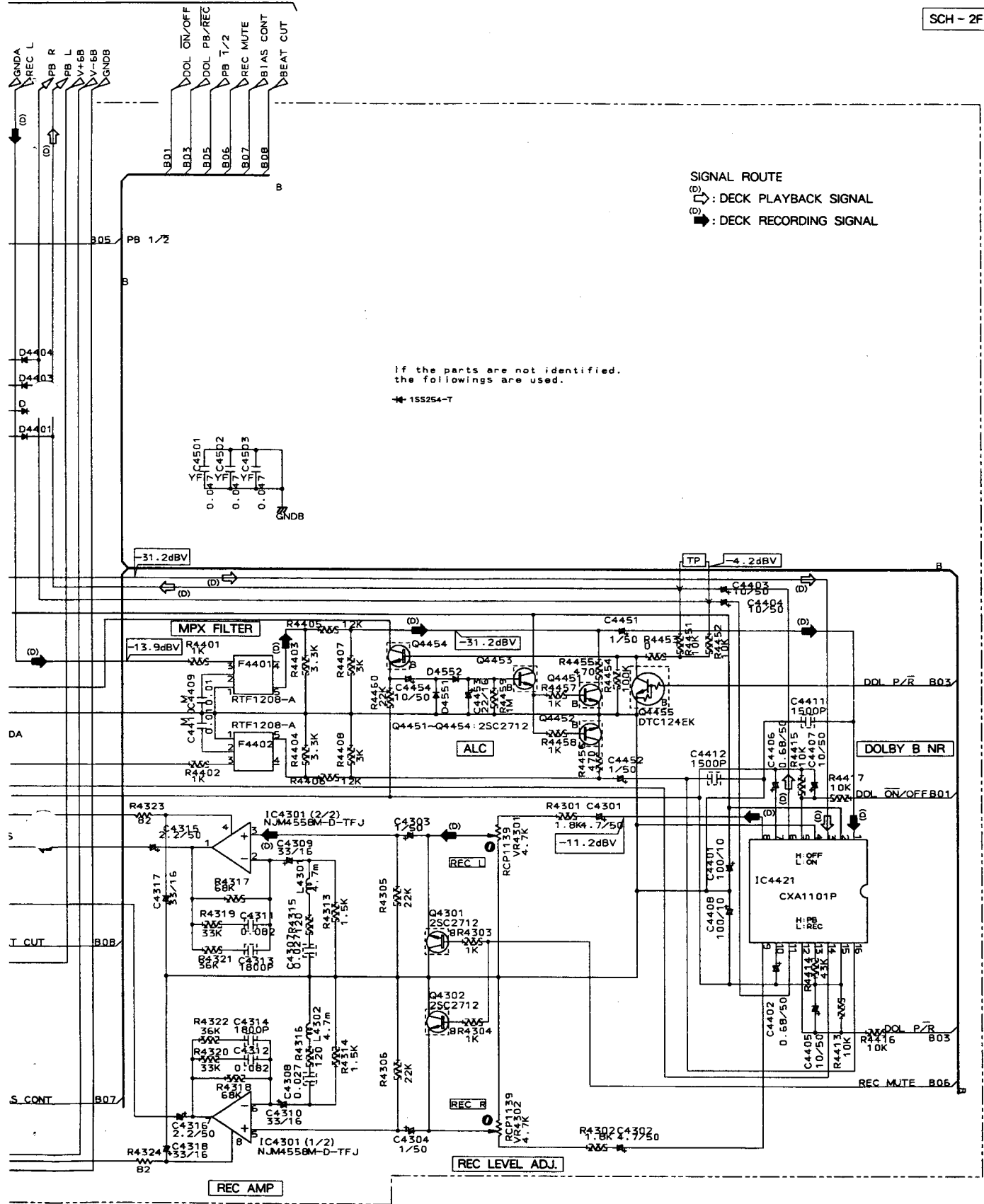


SCH-2F AF ASSY (1/2)

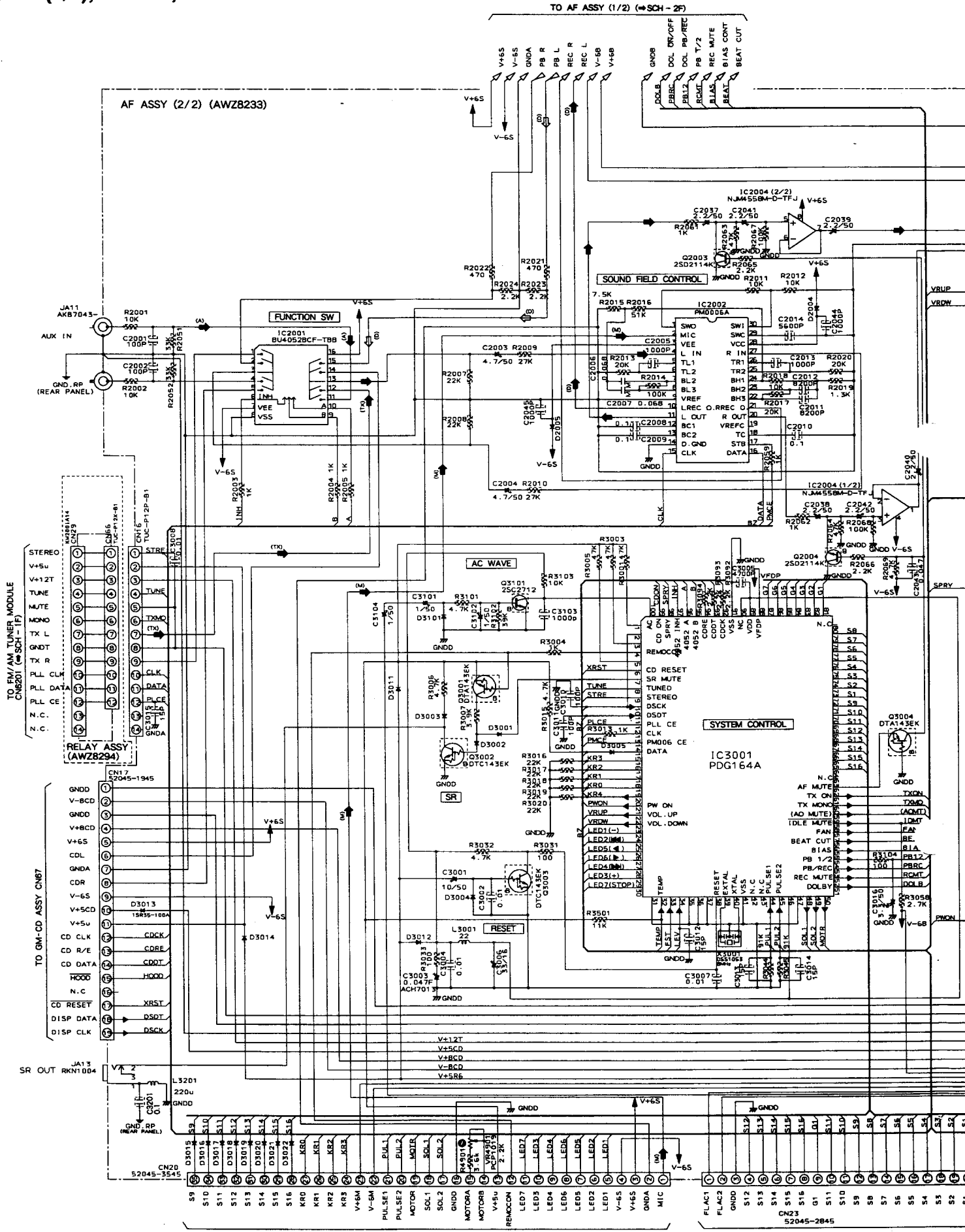
SIGNAL ROUTE
 (D) DECK PLAYBACK SIGNAL
 (R) DECK RECORDING SIGNAL

If the parts are not identified, the followings are used.

★ 15S254-T



3.3 AF (2/2), RELAY, PRIMARY AND SECONDARY ASSEMBLIES



SCH-3F

AF ASSY (2/2), RELAY ASSY,
PRIMARY ASSY,
SECONDARY ASSY

TO CONTROL ASSY CN70 (SCH-4F)

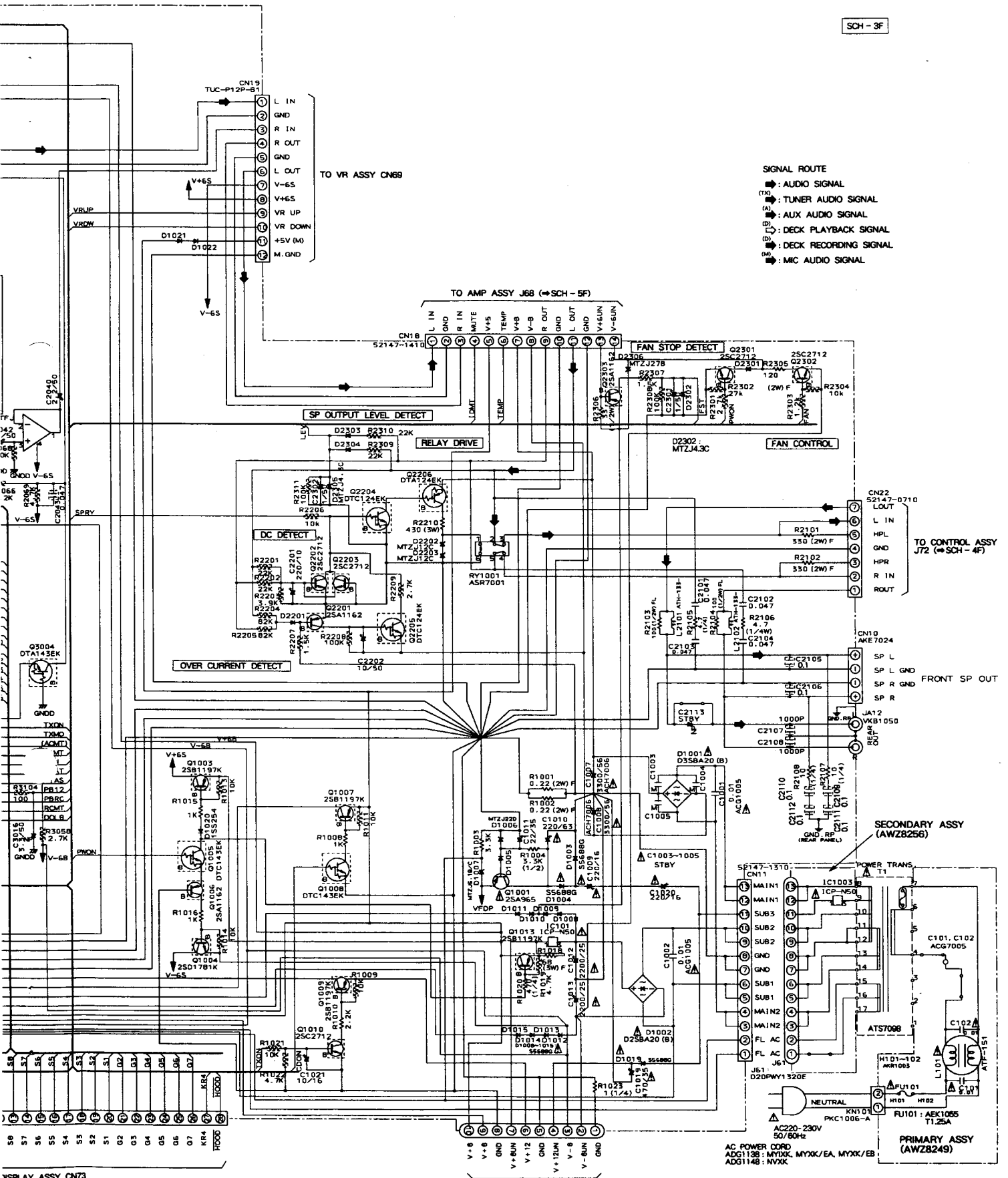
If the parts are not identified,
the followings are used.

* 155264-T

TO DISPLAY ASSY CN73

(89-452006)

SCH-3F



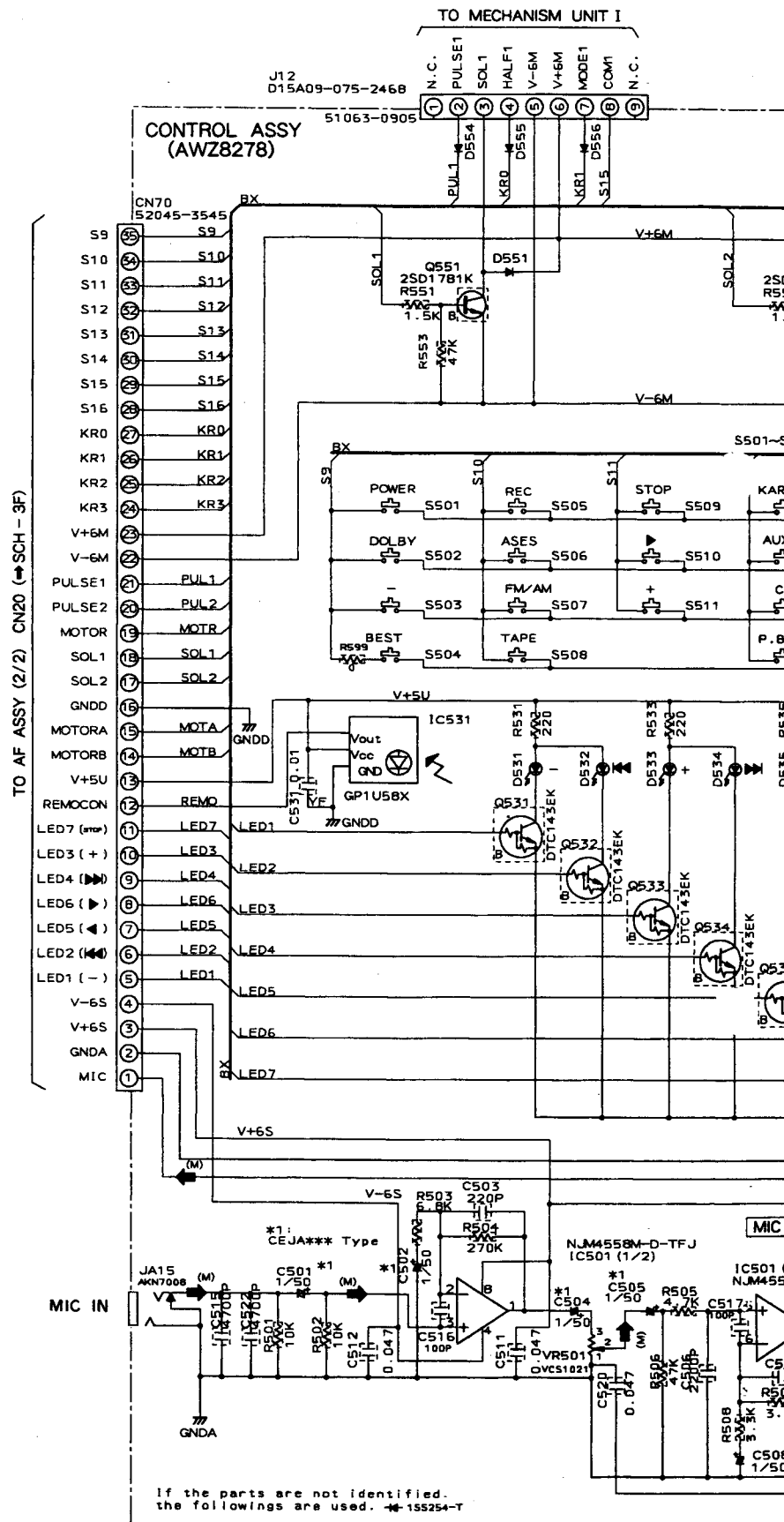
SIGNAL ROUTE

- : AUDIO SIGNAL
- (TS): TUNER AUDIO SIGNAL
- (A): AUX AUDIO SIGNAL
- (D): DECK PLAYBACK SIGNAL
- (R): DECK RECORDING SIGNAL
- (M): MIC AUDIO SIGNAL

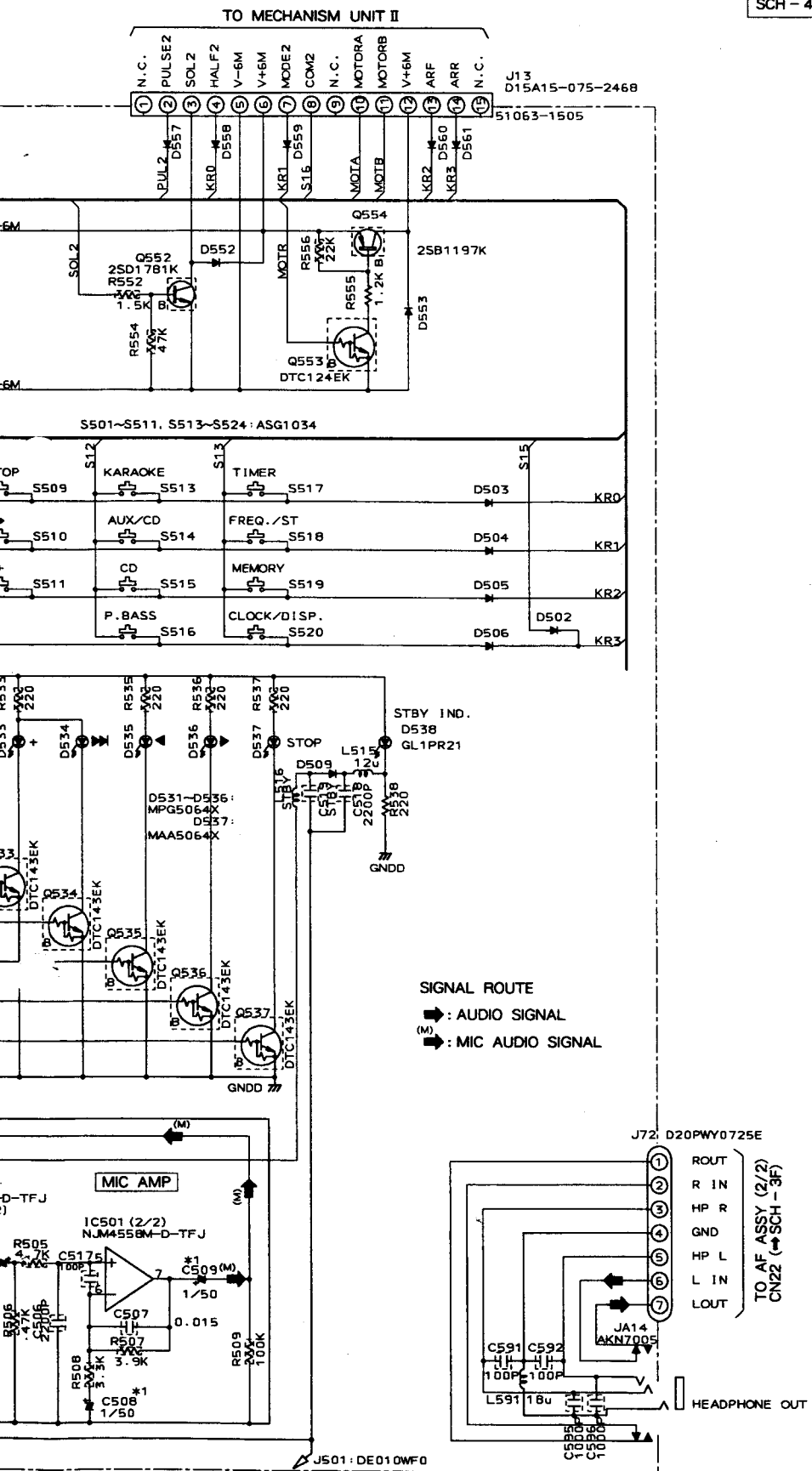
SCH-3F

XR- P560F

3.4 CONTROL ASSY



SCH-4F CONTROL ASSY

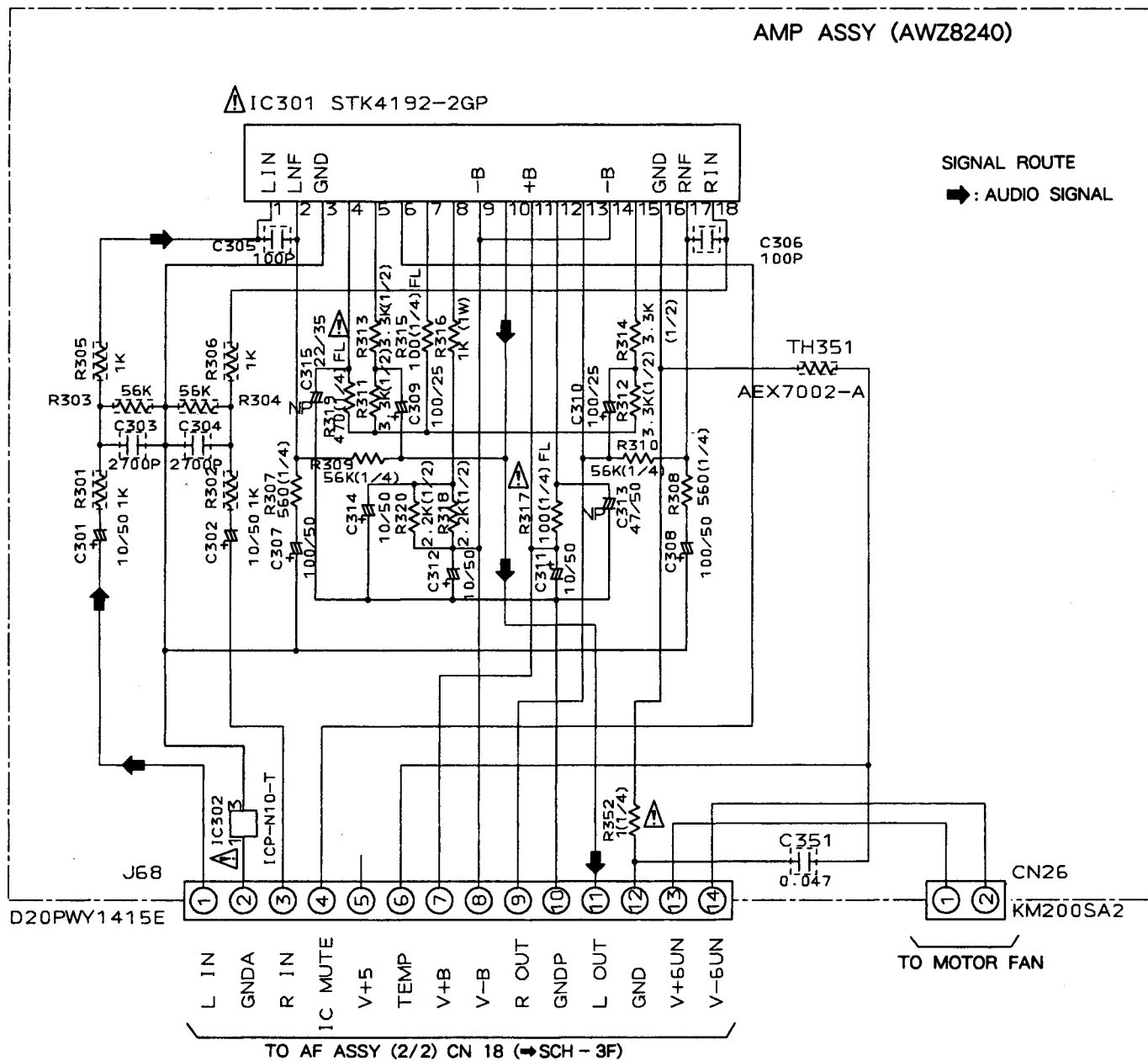


CONTROL ASSY

SCH-4F

3.5 AMP ASSY

SCH - 5F



AMP ASSY **SCH-5F**

4. ADJUSTMENTS

Adjustment of XR- P560F/MYIXK, MYXK/EA, MYXK/EB and NVXK are the same as thoes of XR- P260F/KUXJ except for the following:

4.1 TUNER SECTION

■ FM TUNER SECTION

- Set the mode selector to FM BAND.
- Connect the wiring as shown in Fig. 1

Step No.	Adjustment Title	FM SG (1kHz, ± 75 kHz dev.)		Reception Frequency Display	Adjustment Location	Specifications
		Frequency (MHz)	Level (dB μ V)			
1	Center Adjustment	98	80	98MHz	L6207	Adjust so that the DC voltage between IC6201 - Pin 4 and Pin 28 (or \oplus leads of C6224 and C6261) becomes 0V \pm 50mV.
2	Front End Sensitivity Adjustment	106	Low input (0 to 30)	106MHz	L6104 L6105 L6102 T6101	After adjusting L6104 and L6105 so that the DC voltage between IC6201 - Pin 12 and GND (or \oplus leads of C6238 and GND) becomes at maximum level, adjust T6101 and L6102.
3	Stereo Distortion	98	80	98MHz	T6101	Minimize the distortion with 1/8 rotation of the core.
4	TUNED IND. Lighting Level	98	15 (± 2 dB)	98MHz	VR6201	Adjust so that the indicator of TUNED IND. starts to light up.

Note :

- Before adjusting, make sure there is no gap between L6101 and L6102 and between L6103 and L6104. If there is a gap between them, bring them into contact with each other first, and then make adjustments.
- Make indicator adjustments in order of AM \rightarrow FM.
- Adjustment sequence : L6104 \rightarrow L6105 \rightarrow L6102 \rightarrow T6101

■ AM TUNER SECTION

- Set the mode selector to AM BAND.
- Connect the wiring as shown in Fig. 1

Step No.	Adjustment Title	AM SG (400Hz, 30% Mod.)		Reception Frequency Display	Adjustment Location	Specifications
		Frequency (kHz)	Level (dB μ V/m)			
1	TUNED IND. Lighting Level	999	47 (± 2)	999kHz	VR6202	Adjust so that the indicator of TUNED IND. starts to light up.

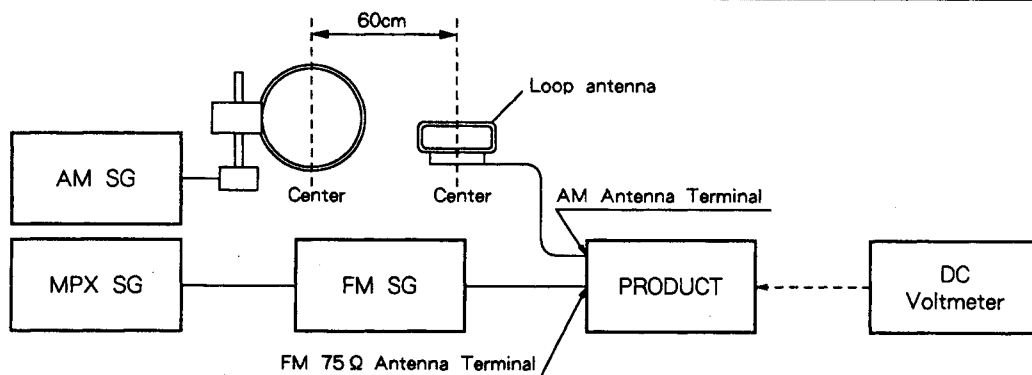


Fig. 1 AM and FM Adjustment Wiring Diagram

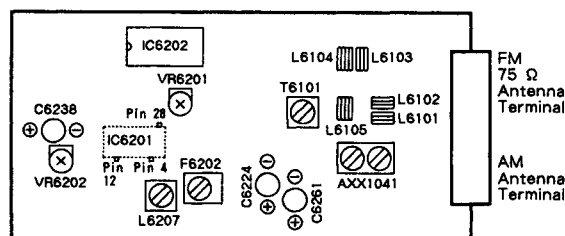


Fig. 2 Adjustment Point