

Service Manual

 **PIONEER®**
The Art of Entertainment

ORDER NO.
RRV1679

STEREO CD DECK RECEIVER

XR-Q250

● Refer to the service manual RRV1437 for XR-Q150/DD.

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

Type	Model	Power Requirement	The voltage can be converted by the following method.
	XR-Q250		
DD	○	AC110-127V/220-230V/240V	With the voltage selector
YPW	○	AC240V	_____
MYXK	○	AC220-230V	_____
NVXK	○	AC230V	_____

● This product is a component of a system.

For the system composition, packing, accessories, instruction manuals etc. of DD and YPW types, refer to the service manual RRV1678 for X-Q20.

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1. SAFETY INFORMATION

VARO!
AVATTAESSA JA SUOJALUKITUS
OHITETTAESSA OLET ALTTIINA
NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE.
ÄLÄ KATSO SÄTEESEEN.

ADVERSEL:
USYNLIG LASERSTRÅLING VED ÅBNING
NÅR SIKKERHEDSAFBRYDERE ER UDE AF
FUNKTION UNDGA UDSÆTTELSE FOR
STRÅLING.

VARNING!
OSYNLIG LASERSTRÅLNING NÅR DENNA
DEL ÄR ÖPPNAD OCH SPÄRREN
ÄR URKOPPLAD. BETRakta EJ STRÅLEN.

LASER
Kuva 1
Lasersatellyn
varoituserkki

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.

IMPORTANT
THIS PIONEER APPARATUS CONTAINS
LASER OF CLASS 1.
SERVICING OPERATION OF THE APPARATUS
SHOULD BE DONE BY A SPECIALLY
INSTRUCTED PERSON.

LASER DIODE CHARACTERISTICS
MAXIMUM OUTPUT POWER: 5 mw
WAVELENGTH: 780 – 785 nm

LASER
Picture 1
Warning sign for
laser radiation

LABEL CHECK



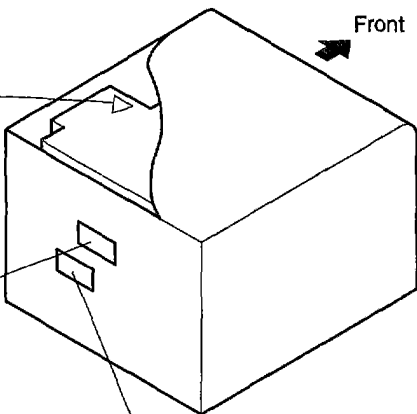
MYXK, NVXK and YPW types

NVXK and MYXK types



YPW type





Additional Laser Caution

- Laser Interlock Mechanism**
The position of the switch (S601) for detecting loading state is detected by the system microprocessor, and the design prevents laser diode oscillation when the switch (S601) is not on CLMP terminal side (CLMP signal is OFF or high level).
Thus, the interlock will no longer function if the switch (S601) 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 assembly 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.

'92S1B

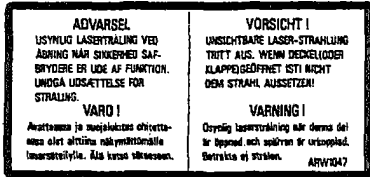
YPW type



NVXK type



MYXK type



* Refer to page 51 on the service manual RRV1437.

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.

● 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 $K = 10\%$).

$560\Omega \rightarrow 56 \times 10^1 = 561$ RD1/4PU $\boxed{5} \boxed{6} \boxed{1} J$

$47k\Omega \rightarrow 47 \times 10^3 = 473$ RD1/4PU $\boxed{4} \boxed{7} \boxed{3} J$

$0.5\Omega \rightarrow 0R5$ RN2H $\boxed{0} \boxed{R} \boxed{5} K$

$1\Omega \rightarrow 1R0$ RS1P $\boxed{1} \boxed{R} \boxed{0} K$

Ex. 2 When there are 3 effective digits (such as in high precision metal film resistors).

$5.62k\Omega \rightarrow 562 \times 10^1 = 5621$ RN1/4PC $\boxed{5} \boxed{6} \boxed{2} \boxed{1} F$

■ CONTRAST OF XR-Q250/DD, YPW, MYXK, NVXK AND XR-Q150/DD

XR-Q250/DD, YPW, MYXK, NVXK and XR-Q150/DD have the same construction except for the following:

Mark	Symbol & Description	Part No.					Remarks
		XR-Q150/ DD	XR-Q250				
			DD	YPW	MYXK	NVXK	
NSP	MAIN ASSY	AWM7176	AWM7267	AWM7268	Not used	Not used	
	MAIN ASSY	Not used	Not used	Not used	AWM7269	AWM7269	
	CMPLX ASSY	AWZ7967	AWZ8442	AWZ8443	AWZ8444	AWZ8444	
	SECND ASSY	AWZ7974	AWZ8446	AWZ8447	AWZ8448	AWZ8448	
NSP	SUB ASSY	AWM7183	AWM7271	AWM7272	Not used	Not used	
	SUB ASSY	Not used	Not used	Not used	AWM7273	AWM7273	
	FRNT1 ASSY	AWZ7981	AWZ8450	AWZ8451	AWZ8452	AWZ8452	
	FRNT2 ASSY	AWZ7988	AWZ8454	AWZ8455	AWZ8456	AWZ8456	
NSP	EVOL ASSY	AWZ7995	AWZ8458	AWZ8459	AWZ8460	AWZ8460	
	H. P ASSY	AWZ8002	Not used	Not used	Not used	Not used	
	H. P ASSY	Not used	AWZ8462	AWZ8463	AWZ8464	AWZ8464	
	PRIMARY ASSY	AWZ8009	AWZ8466	AWZ8467	AWZ8468	AWZ8468	
	FM/AM TUNER MODULE	AXQ3112	AXQ3112	AXQ3112	AXQ3214	AXQ3214	
	 Voltage Selector (AC110-127V/220-230V/240V)	AKX7002	AXK7002	Not used	Not used	Not used	
	 Power Transformer (AC110-127V/220-230V/240V)	ATS7093	ATS7093	Not used	Not used	Not used	
 Power Transformer (AC240V)	Not used	Not used	ATS7134	Not used	Not used		
 Power Transformer (AC220-230V)	Not used	Not used	Not used	ATS7091	ATS7091		
 AC Power Cord	PDG1013	ADG1157	ADG1159	ADG7008	ADG7007		
 Fuse (For AC power cord) (T5A)	Not used	Not used	Not used	Not used	AEK7001	No. 1	
 Fuse (T500mA, FU2)	AEK1051	AEK1051	Not used	Not used	Not used		
	Ceramic Capacitor	Not used	Not used	Not used	CKDYB152K50	CKDYB152K50	No. 2
	Operation Knob	AAD7205	AAD7321	AAD7321	AAD7321	AAD7321	
	Cassette Panel	AAK7174	AAK7273	AAK7273	AAK7273	AAK7273	
	Azimuth Cover	AZA7150	Not used	Not used	Not used	Not used	
	Azimuth Cover S	Not used	AZA7202	AZA7202	AZA7203	AZA7203	
	Door Pocket	AAN7074	AAN7074	AAN7074	AAN7108	AAN7108	
	Door Spring	ABH7064	ABH7064	ABH7064	ABH7122	ABH7122	
	Deck Holder L	AMR7052	AMR7052	AMR7052	AMR7084	AMR7084	
	Deck Holder R	AMR7053	AMR7053	AMR7053	AMR7085	AMR7085	
	Latch Mold	AEC7016	AMR7127	AMR7127	AMR7127	AMR7127	

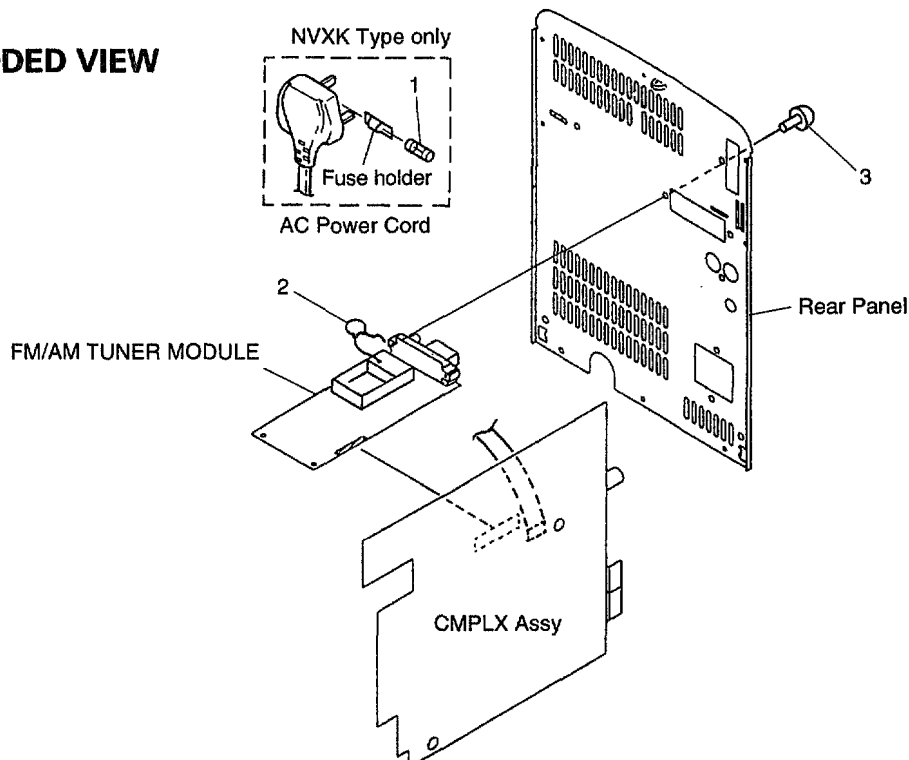
XR-Q250

Mark	Symbol & Description	Part No.					Remarks
		XR-Q150/ DD	XR-Q250				
			DD	YPW	MYXK	NVXK	
NSP	Front Panel Assy	AMB7325	Not used	Not used	Not used	Not used	No. 3
	Front Panel	AMB7324	Not used	Not used	Not used	Not used	
	Display Panel	AAK7173	Not used	Not used	Not used	Not used	
NSP	Front Panel D-S Assy	Not used	AXG7020	AXG7020	Not used	Not used	
	Front Panel D-S	Not used	AMB7427	AMB7427	Not used	Not used	
	Slot Panel	Not used	AAK7271	AAK7271	AAK7271	AAK7271	
	FL Panel	Not used	AAK7272	AAK7272	AAK7272	AAK7272	
	Center Lens	Not used	AAK7274	AAK7274	AAK7274	AAK7274	
	Front Panel E-S	Not used	Not used	Not used	AMB7398	AMB7398	
	Screw	BBZ30P080FZK	BBZ30P080FZK	BBZ30P080FZK	ABA-115	ABA-115	
	Standby Lens	AAK7182	AAK7182	AAK7182	AAK7221	AAK7221	
	Chassis	ANA7027	ANA7027	ANA7027	ANA7028	ANA7028	
	Mechanism Stay	AND7003	AND7003	AND7003	AND7013	AND7013	
	Rear Panel	ANC7380	ANC7465	ANC7466	ANC7470	ANC7471	
	Terminal Holder	ANG7044	ANG7044	ANG7044	ANG7046	ANG7046	
	Bonnet	ANE7079	Not used	Not used	Not used	Not used	
	Bonnet D-S	Not used	ANE7134	ANE7134	Not used	Not used	
	Bonnet E-S	Not used	Not used	Not used	ANE7139	ANE7139	
	Heat Sink	ANH7039	ANH7039	ANH7039	ANH7034	ANH7034	
	Shield Plate	ANK7019	ANK7019	ANK7019	ANK7024	ANK7024	
NSP	Fuse Card	AAX1585	AAX1585	AAX1585	Not used	Not used	
	Caution Label	Not used	Not used	PRW1018	ARW1047	ARW1050	
	Caution Label (F)	Not used	Not used	VRW-328	ARW1046	ARW1046	
	Caution Label (G)	Not used	Not used	VRW-329	VRW-329	VRW-329	

Note: The numbers in the remarks column correspond to the numbers on the exploded diagram.

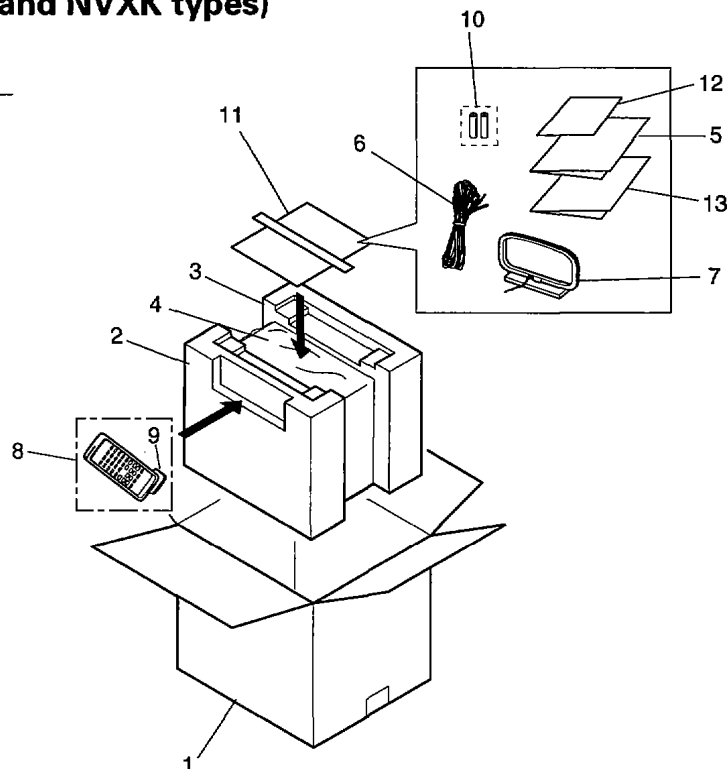
Refer to "● EXPLODED VIEW".

● EXPLODED VIEW



● PACKING AND PARTS LIST (For MYXK and NVXK types)

Mark	No.	Description	Parts No.
	1	PACKING CASE	AHD7348
	2	PAD F	AHA7100
	3	PAD R	AHA7101
	4	MIRROR MAT (800×900×0.5)	Z23-020
	5	OPERATING INSTRUCTIONS (English/German/Italian/Dutch) (MYXK type)	ARE7093
	5	OPERATING INSTRUCTIONS (English) (NVXK type)	ARB7088
	6	FM ANTENNA ASSY	ADH7005
	7	LOOP ANTENNA ASSY	ATB7002
	8	REMOTE CONTROL UNIT (CU-XR019)	AXD7067
	9	BATTERY COVER	AZA7123
NSP	10	BATTERY (R6P, AA)	VEM-013
NSP	11	VINYL BAG (235×320×0.06)	Z21-019
	12	ANTENNA INSTRUCTION	ARM7024
	13	OPERATING INSTRUCTIONS (French/Spanish/Portuguese/Swedish) (MYXK type only)	ARC7156



■ CONTRAST OF PCB ASSEMBLIES CMPLX ASSY

AWZ8442, AWZ8443, AWZ8444 and AWZ7967 have the same construction except for the following:

Mark	Symbol & Description	Part No.				Remarks
		AWZ7967	AWZ8442	AWZ8443	AWZ8444	
	IC1011, IC1013, IC5301, IC5401, IC5651, IC8401 IC1012 Q1001, Q1002, Q1006, Q1007, Q1009, Q5101-Q5104, Q5301, Q5302	XRA4558F-P XRU4052BCF 2SC2712	XLA4558F-P XLU4052BCF 2SC2412K	XLA4558F-P XLU4052BCF 2SC2412K	XLA4558F-P XLU4052BCF 2SC2412K	
	RY1001 L1001, L1002 L1004 C1001-C1006, C9001-C9004 C1014, C1015	ASR7007 ATH-133 Not used Not used CCSLSL471J50	ASR7007 ATH-133 Not used Not used CKSQYB332K50	ASR7007 ATH-133 PTL1014 Not used CKSQYB332K50	ASR7008 ATH-059 PTL1014 CKSQYF104Z50 CKSQYB332K50	 * *
	C1060, C1061 C1065-C1068, C9008, C9009 C1370, C1371, C1393, C1394 C5304 C5499 C9005-C9007, C9010, C9011	CEAS100M50 Not used Not used CEAS330M16 Not used Not used	CEAS100M50 Not used Not used CEAS330M16 Not used Not used	CEAS100M50 Not used CKSQYB102K50 CEAS330M16 Not used Not used	CEJA100M50 CCSQCH101J50 CKSQYB102K50 CEJA330M16 CKDYB102K50 CKSQYB102K50	 * * * *
	R1001, R1002, R9002, R9003 R1021 R5753 (4.7kΩ×5) R5754 (47kΩ×5) R9995	Not used RFA1/4PS390J ACX7016 ACX7017 RS1/10S000J	Not used RFA1/4PS390J ACX7016 ACX7017 RS1/10S000J	Not used RFA1/4PS390J ACX7016 ACX7017 Not used	RS1/10S100J RFA1/4PL390J RA5T472J RA5T473J Not used	 *
	JA1001 Cable holder (J1001) Cable holder (J5751)	RKB1041 Not used Not used	AKB7043 Not used Not used	AKB7043 Not used Not used	AKB7043 51048-0500 51048-1300	 * *

Note *: Refer to **B** F.

XR-Q250

SECND ASSY

Although AWZ8446, AWZ8447, AWZ8448 and AWZ7974 are different in part number, they consist of the same component.

FRNT1 ASSY

AWZ8450, AWZ8451, AWZ8452 and AWZ7981 have the same construction except for the following:

Mark	Symbol & Description	Part No.				Remarks
		AWZ7981	AWZ8450	AWZ8451	AWZ8452	
	Q404 Q408 D430, D431 D418 D419 S401-S405	DTC143EK 2SC2712 SLR-342VCT31 1SS254 Not used ASG1051	Not used 2SC2412K Not used 1SS254 Not used ASG1051	Not used 2SC2412K Not used 1SS254 Not used ASG1051	Not used 2SC2412K Not used Not used 1SS254 ASG1029	*
	R473 R487 R534 R540 R991	RS1/10S101J RS1/10S000J RS1/10S000J Not used Not used	Not used RS1/10S000J Not used Not used Not used	Not used RS1/10S000J Not used Not used Not used	Not used RS1/10S102J Not used RS1/10S102J RS1/10S000J	* *

Note *: Refer to **G** F.

FRNT2 ASSY

AWZ8454, AWZ8455, AWZ8456 and AWZ7988 have the same construction except for the following:

Mark	Symbol & Description	Part No.				Remarks
		AWZ7988	AWZ8454	AWZ8455	AWZ8456	
	Q301 S451-S462	2SC2712 ASG1051	2SC2412K ASG1051	2SC2412K ASG1051	2SC2412K ASG1029	

EVOL ASSY

AWZ8458, AWZ8459, AWZ8460 and AWZ7995 have the same construction except for the following:

Mark	Symbol & Description	Part No.				Remarks
		AWZ7995	AWZ8458	AWZ8459	AWZ8460	
	IC1007 C1041, C1042, C1415 C1051, C1052 C1413, C1414	XRA4558F-P Not used CKSQYB102K50 Not used	XLA4558F-P Not used CKSQYB331K50 Not used	XLA4558F-P Not used CKSQYB331K50 Not used	XLA4558F-P CCSQCH101J50 CKSQYB331K50 CCSQCH220J50	* *

Note *: Refer to **D** F.

PRIMARY ASSY

AWZ8466, AWZ8467, AWZ8468 and AWZ8009 have the same construction except for the following:

Mark	Symbol & Description	Part No.				Remarks
		AWZ8009	AWZ8466	AWZ8467	AWZ8468	
	L1101 C1101 H1101, H1102 Fuse holder H1103, H1104 Fuse holder	Not used ACG7005 (0.01μF/250V) RKR1003 RKR1003	Not used ACG7010 (0.01μF/250V) RKR1003 RKR1003	Not used ACG7010 (0.01μF/250V) RKR1003 Not used	ATF-151 ACG7010 (0.01μF/250V) AKR1003 Not used	*

Note *: Refer to **F** F.

H. P ASSY

AWZ8463, AWZ8464 and AWZ8002 have the same construction except for the following:

Mark	Symbol & Description	Part No.			Remarks
		AWZ8002	AWZ8463	AWZ8464	
	L1401 C1302, C1304, C1393	Not used Not used	Not used CKSQYB102K50	PTL1014 CKSQYB102K50	* *

Note *: Refer to **E** F.

Note: Although AWZ8462 and AWZ8002 are different in part number, they consist of the same component.

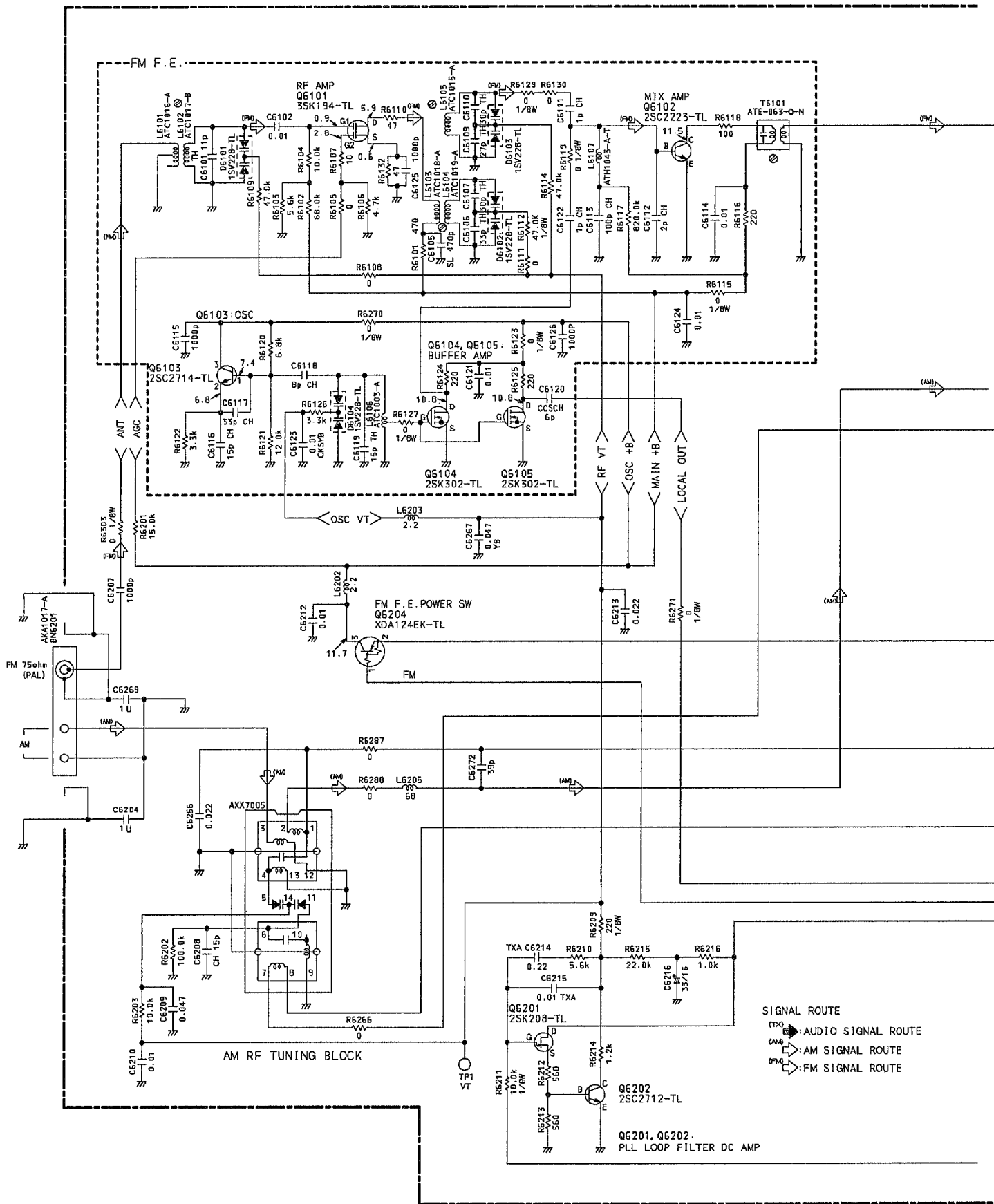
PCB PARTS LIST

Mark	No.	Description	Parts No.	Mark	No.	Description	Parts No.
A FM/AM TUNER MODULE (AXQ3214)							
SEMICONDUCTORS							
	IC6201		LA1836M		C6224, C6231, C6233, C6246, C6262		CEAS100M50
	IC6202		LM7001J		C6227		CEAS101M10
	Q6102		2SC2223		C6216, C6217		CEAS330M16
	Q6203		2SC2235		C6219		CEAS470M10
	Q6202, Q6218		2SC2712		C6243–C6245		CEAS470M16
					C6238, C6248		CEJA100M16
					C6249, C6250		CEJA44R7M35
					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				
	L6102		ATC1017		C6212, C6218		CKSQYF103Z50
	L6103		ATC1018		C6220, C6226, C6239, C6242		CKSQYF223Z50
					C6255, C6256		CKSQYF223Z50
	L6104		ATC1019		C6235		CKSQYF224Z25
	L6207		ATE1013		C6225, C6241		CKSQYF473Z50
	F6204		ATF–107				
	F6203		ATF–119		C6123		CKSYB103K50
	F6205		ATF1152		C6232		CKSYB273K50
					C6223		CKSYF103Z50
	F6202 (450kHz)		ATF1155		C6263		CKSYF473Z50
	L6107 (2.2μH)		ATH1043	RESISTORS			
	L6202, L6203, L6208		LCTA2R2J3225		R6299, R6300		RD1/4PU102J
	L6205		LCTA680J3225		R6115, R6119, R6123, R6127, R6129		RS1/8S000J
TRANSFORMERS					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 (1μF/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 (10kΩ)		ACP1056
	C6113		CCSQCH101J50		VR6202		VRTB6VS223
	C6116, C6208, C6221, C6222		CCSQCH150J50		Other Resistors		RS1/10S□□□J
	C6117		CCSQCH330J50	OTHERS			
	C6272		CCSQSL330J50		BN6201	2P TERMINAL WITH PAL	AKA1017
					CN6201	14P SOCKET	KP200IA14L
	C6105		CCSQSL47J50			AM RF TUNING BLOCK	AXX7005
	C6101		CCSQTH110J50		X6203 (7.200MHz)		ASS1042
	C6119		CCSQTH150J50		X6201 (456kHz)		ASS1066
	C6109		CCSQTH270J50		X6202 (450kHz)		ATF1027
	C6107, C6110		CCSQTH300J50				
	C6106		CCSQTH330J50				
	C6261		CEAS010M50				

XR-Q250

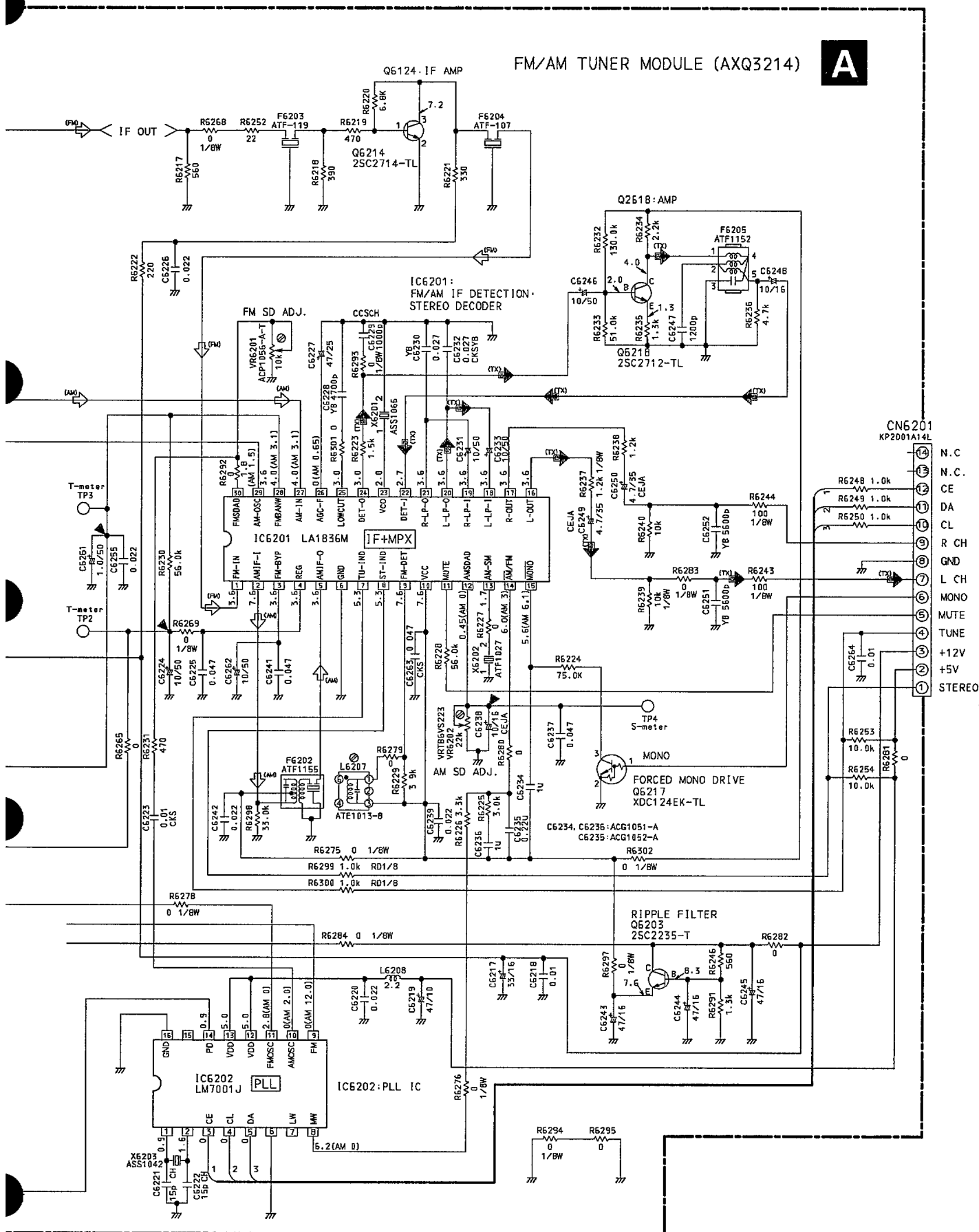
3. SCHEMATIC DIAGRAM[S]

3.1 FM/AM TUNER MODULE (AXQ3214)

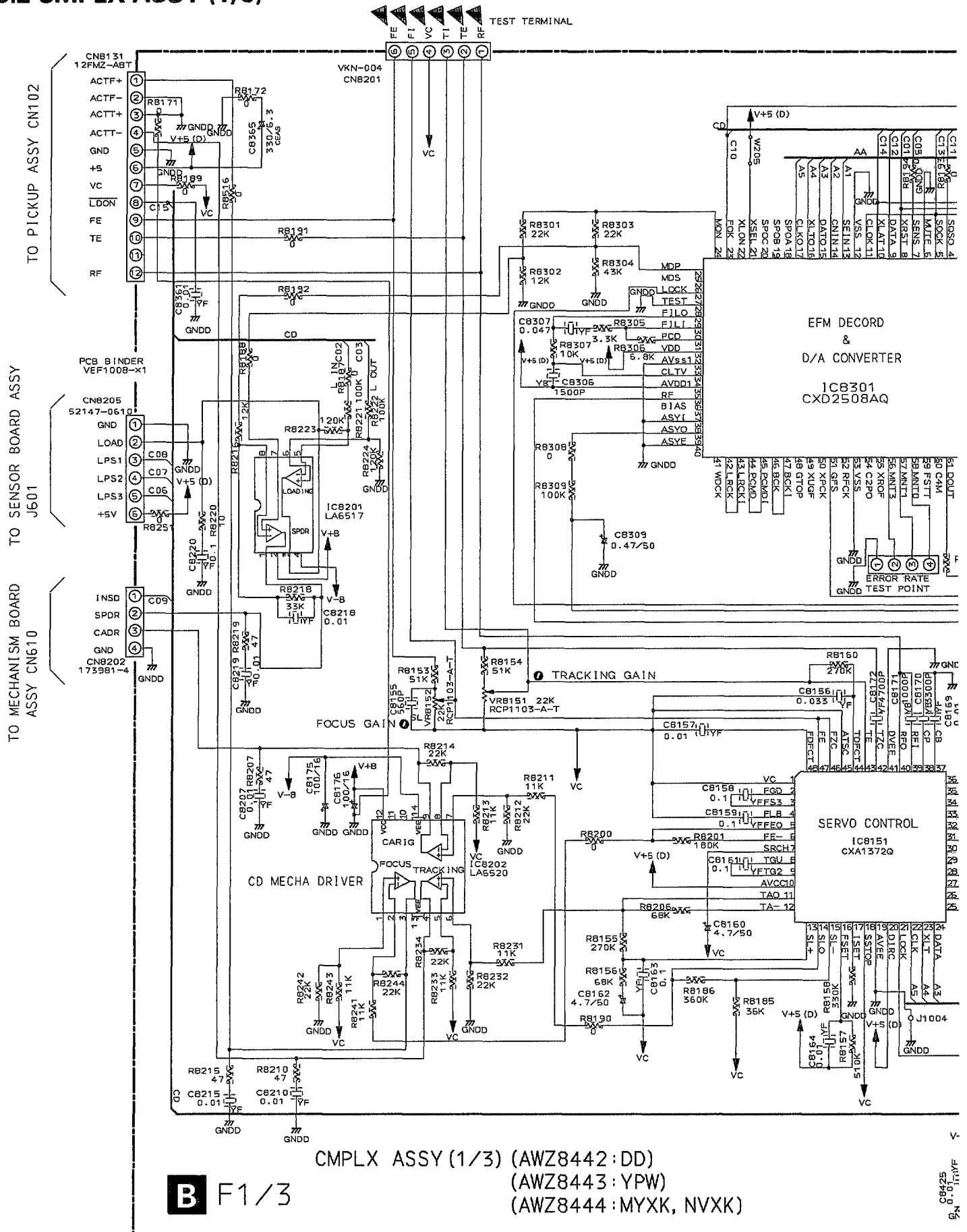


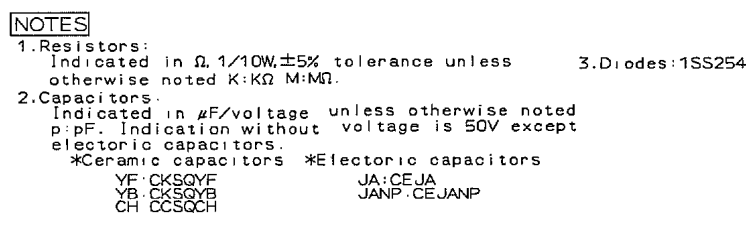
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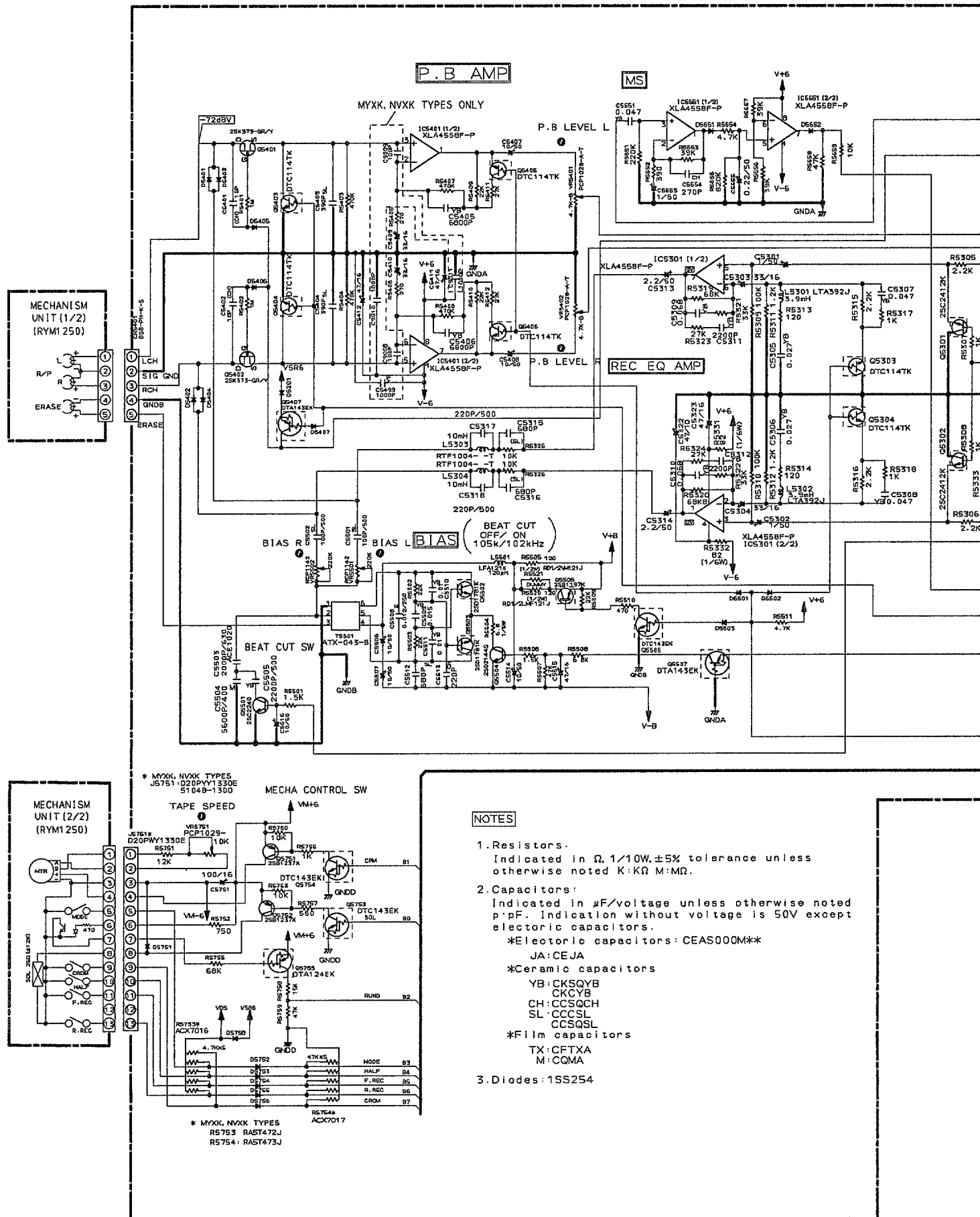
As for the adjustment of the FM/AM TUNER MODULE (AXQ3214), refer to page 45 and 46 (AXQ1014) in the service manual RRV1437 of XR-Q150.



3.2 CMPLX ASSY (1/3)

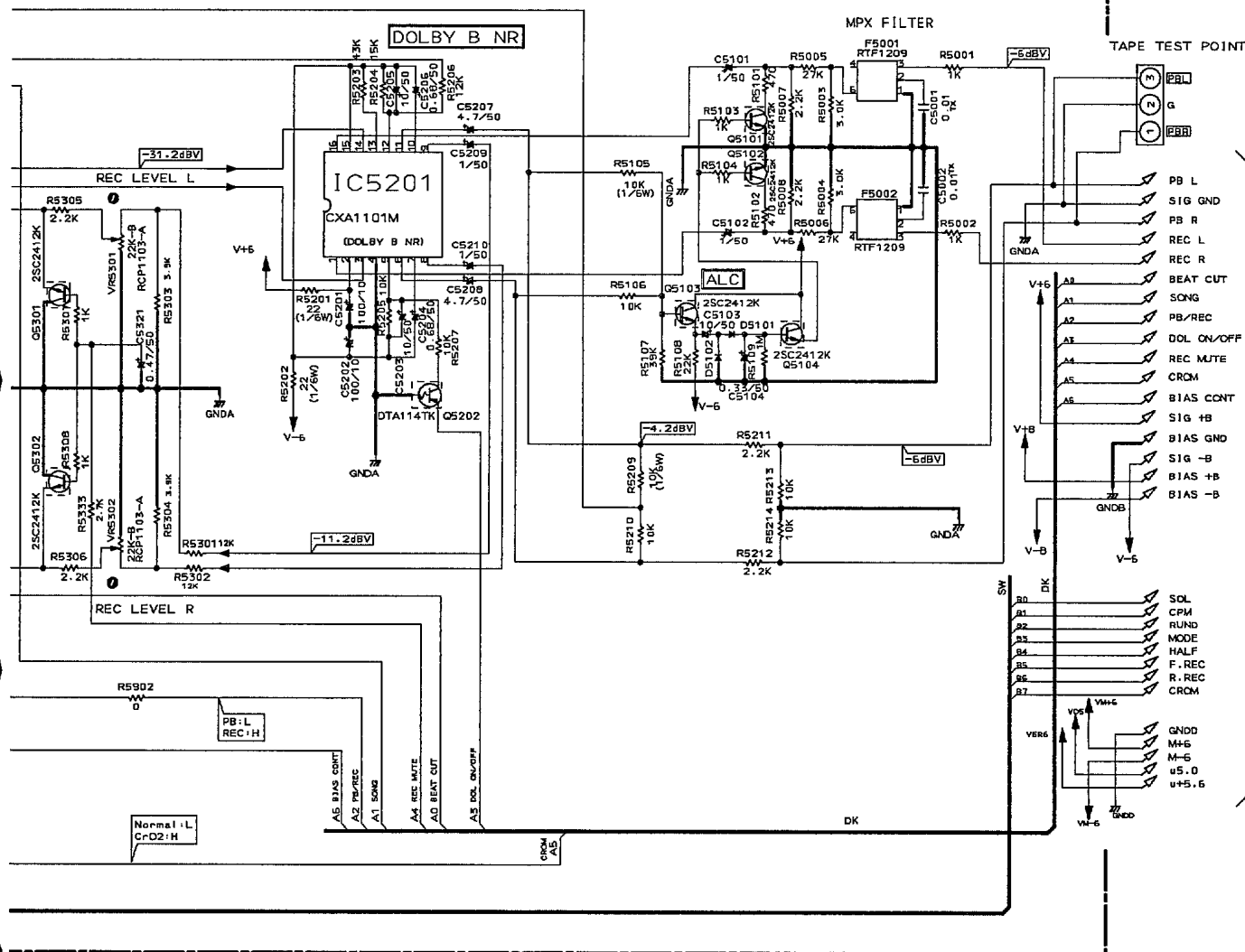






CMLPX ASSY (2/3) (AWZ8442:DD)
(AWZ8443:YPW)
(AWZ8444:MYXK, NVXK)

B F2/3



B F3/3

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:kΩ, M:MΩ, or Ω unless otherwise noted.
Rated power: 1/4W, 1/6W, 1/8W, 1/10W unless otherwise noted.
Tolerance: (F): ±1%, (G): ±2%, (K): ±10%, (M): ±20% or ±5% unless otherwise noted.

4. CAPACITORS:

Unit: p:pF or μF unless otherwise noted.
Ratings: capacitor (μF) / voltage (V) unless otherwise noted.
Rated voltage: 50V except for electrolytic capacitors.

5. COILS:

Unit: m:mH or μH unless otherwise noted.

6. VOLTAGE AND CURRENT:

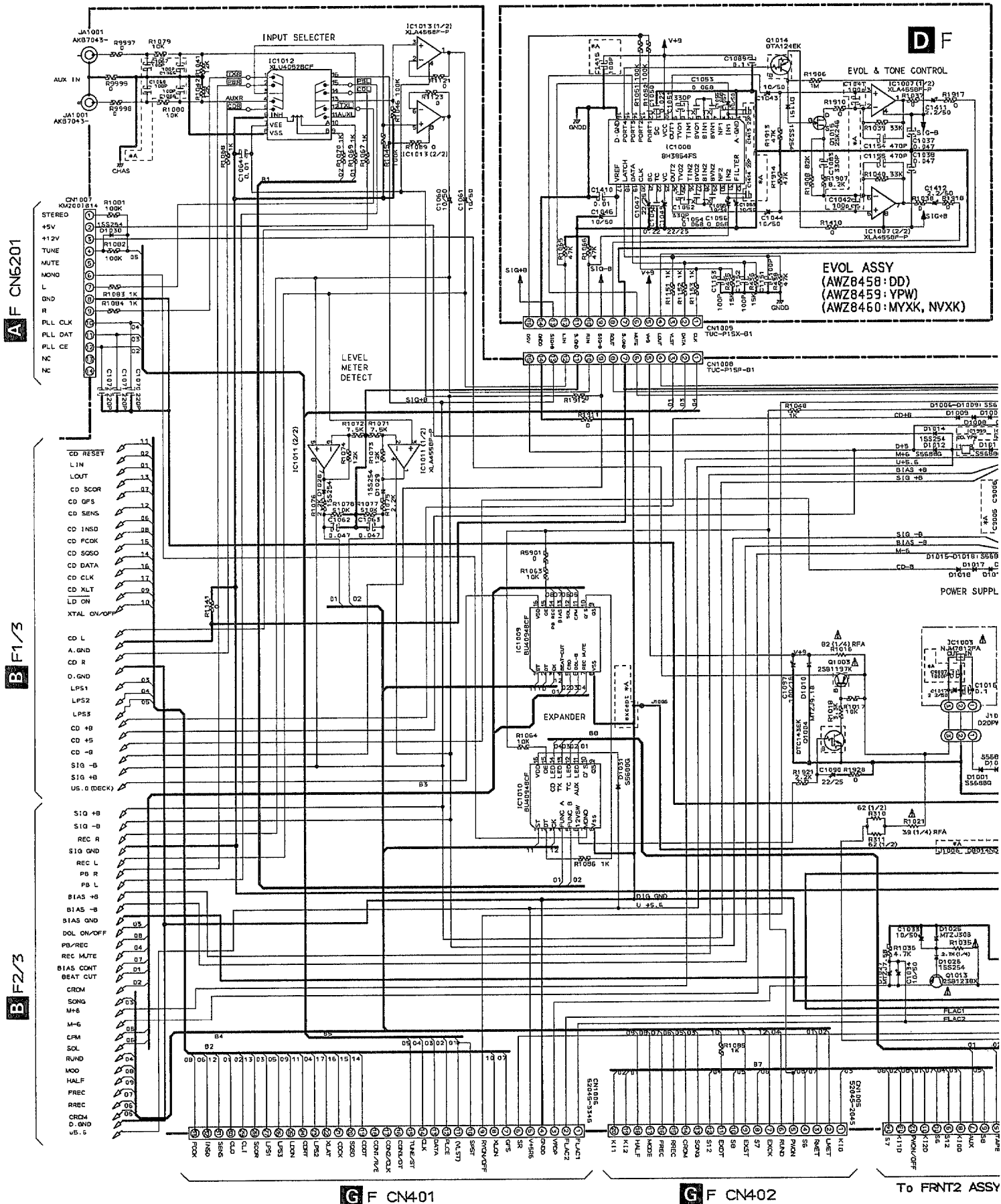
- V : Signal voltage at rated output.
□ or ← V :
DC voltage (V) at no input signal unless otherwise noted.
Value in () is DC voltage at rated power.
← mA or ← mA :
DC current at no input signal unless otherwise noted.

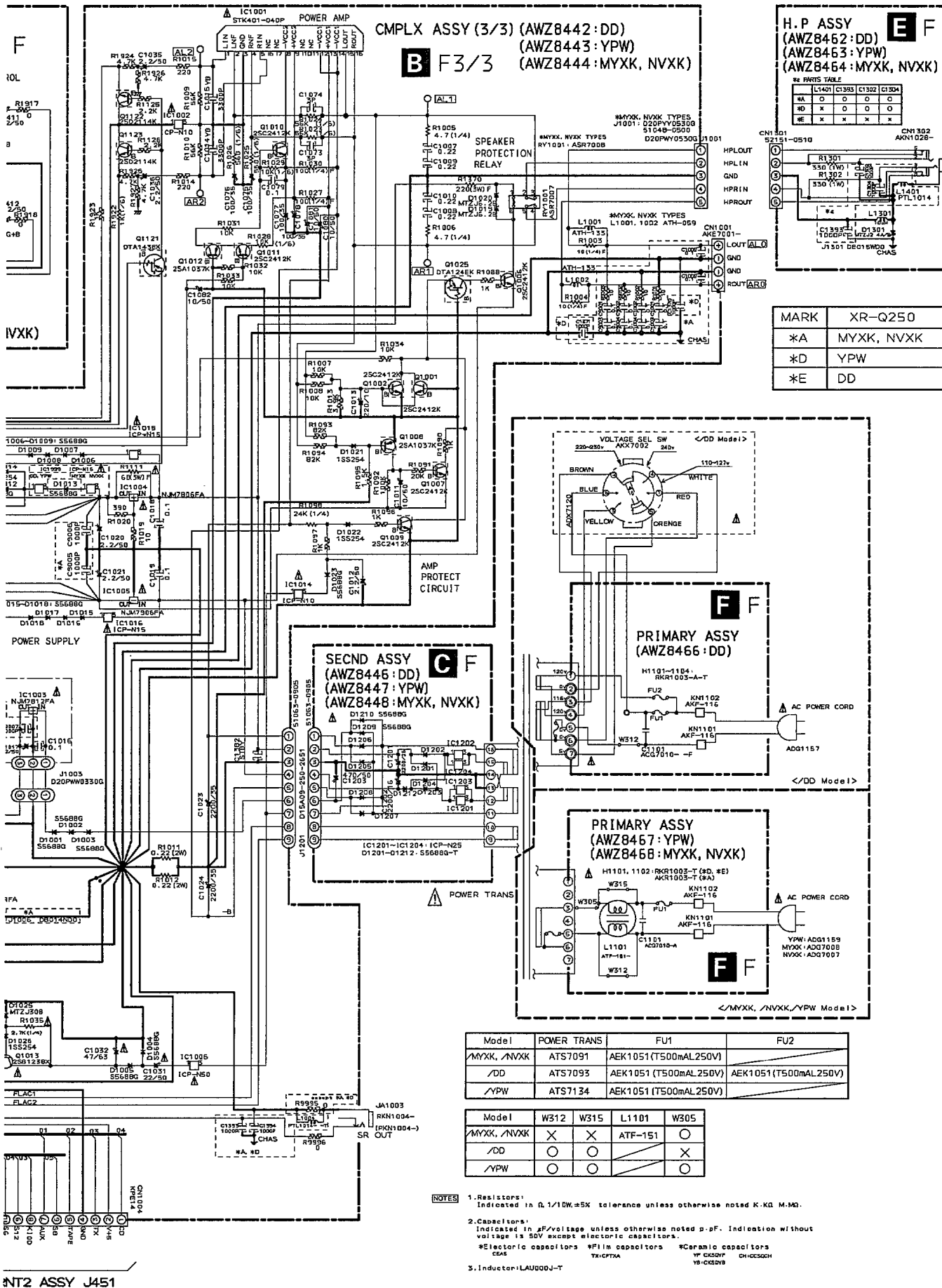
7. OTHERS:

- or ● : Adjusting point.
- or ● : Measurement point.
- The ▲ 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.

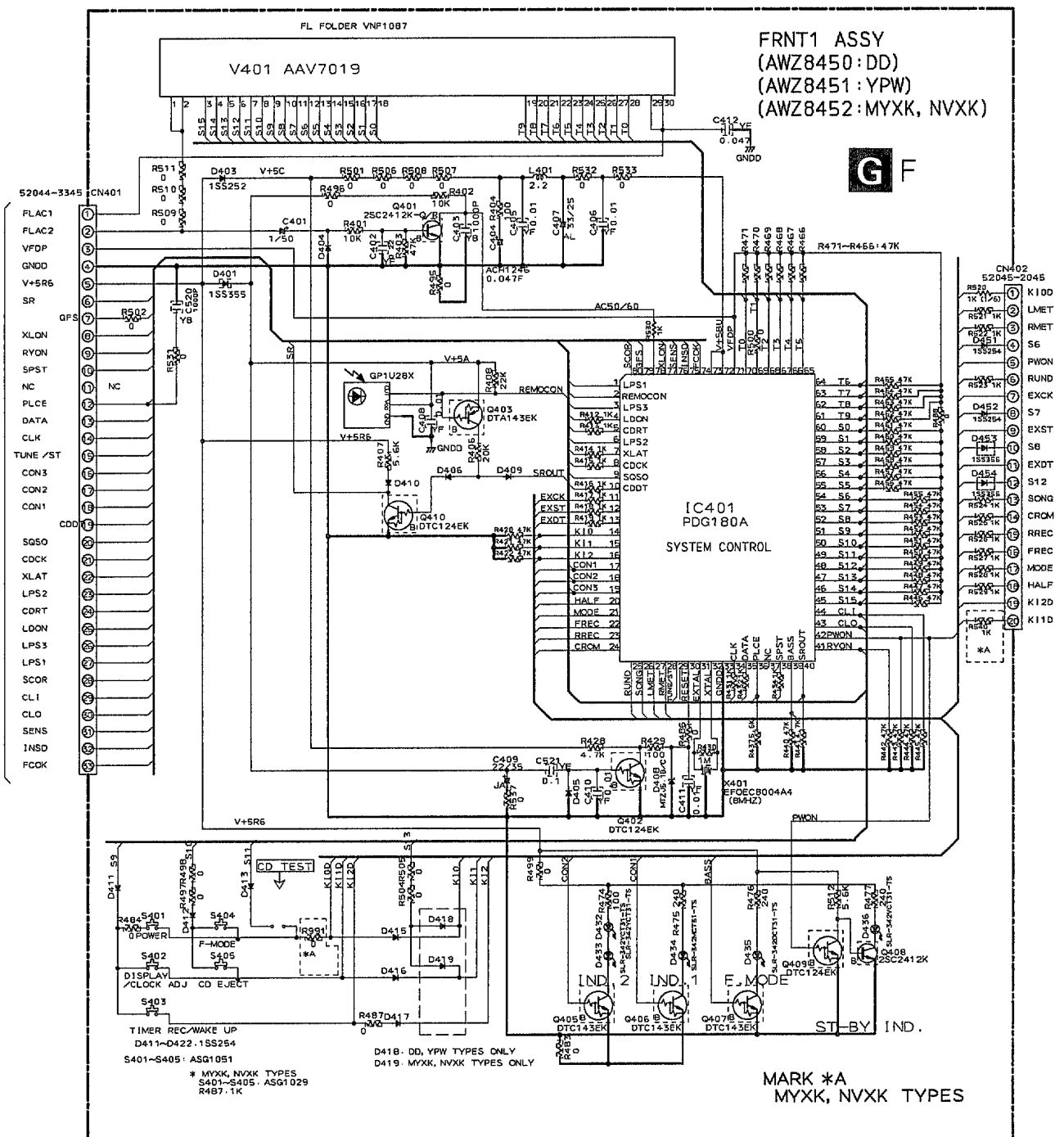
XR-Q250

3.4 CMPLX ASSY (3/3), SECND ASSY, EVOL ASSY, H. P ASSY AND PRIMARY ASSY





B F (3/3) CN1006



B F (3/3) CN1005

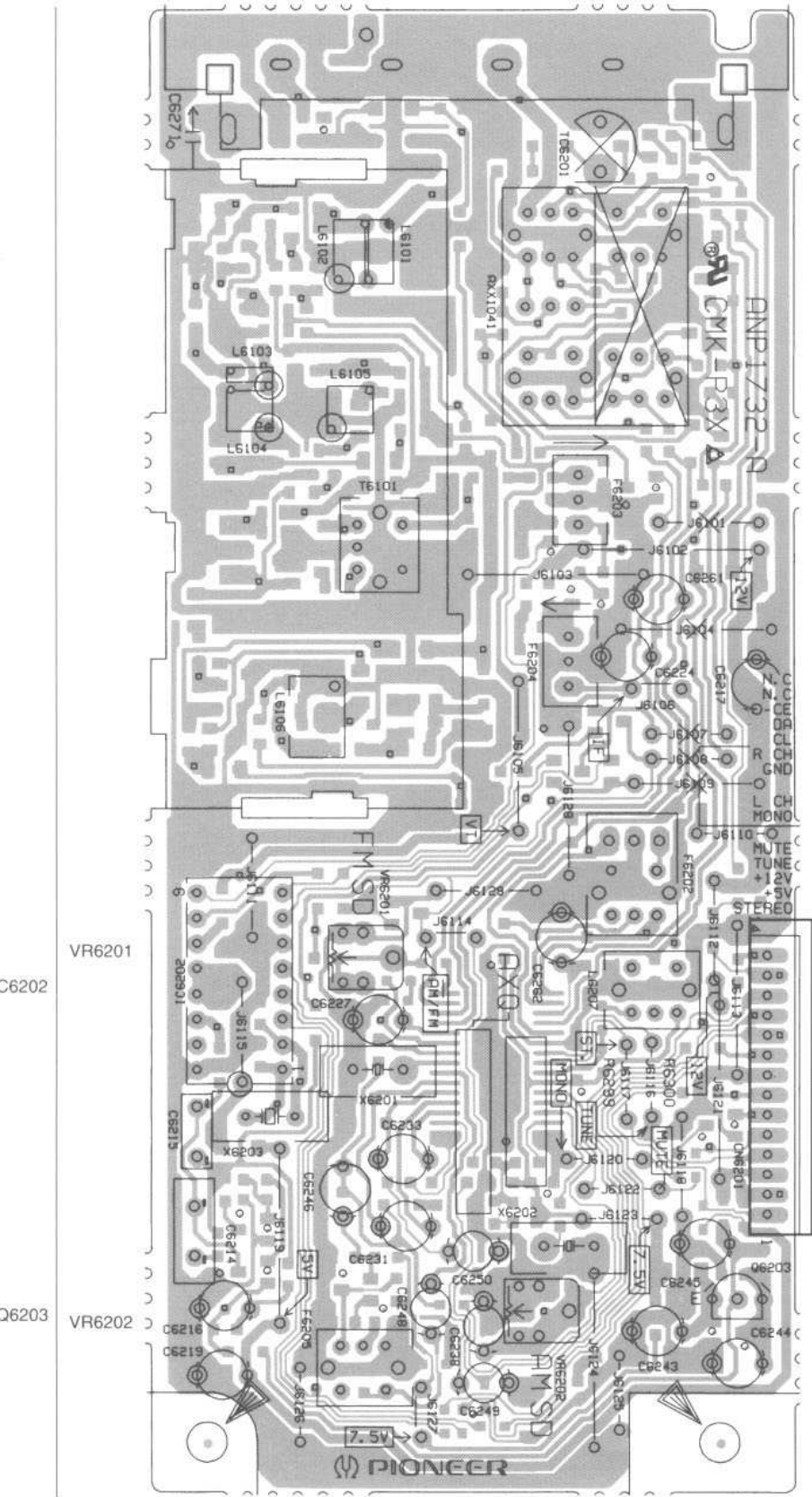
NOTES

1. Resistors:
Indicated in Ω , 1/10W $\pm 5\%$ tolerance unless otherwise noted K QJ M:MM.
2. Capacitors:
Indicated in μ F/voltage unless otherwise noted p:pf. Indication without voltage is 50V except electrolytic capacitors.
*Electronic capacitors: CEJA000J
AL:CEAL
*Ceramic capacitors
YF:CK50V
VB:CK50V
3. Diodes: 1SS254
4. Inductor: LAU000J

4. PCB CONNECTION DIAGRAMS

4.1 FM/AM TUNER MODULE

A F FM/AM TUNER MODULE (AXQ3214)



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
		Transistor with resistor
		Field effect transistor
		Resistor array
		3-terminal regulator

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.

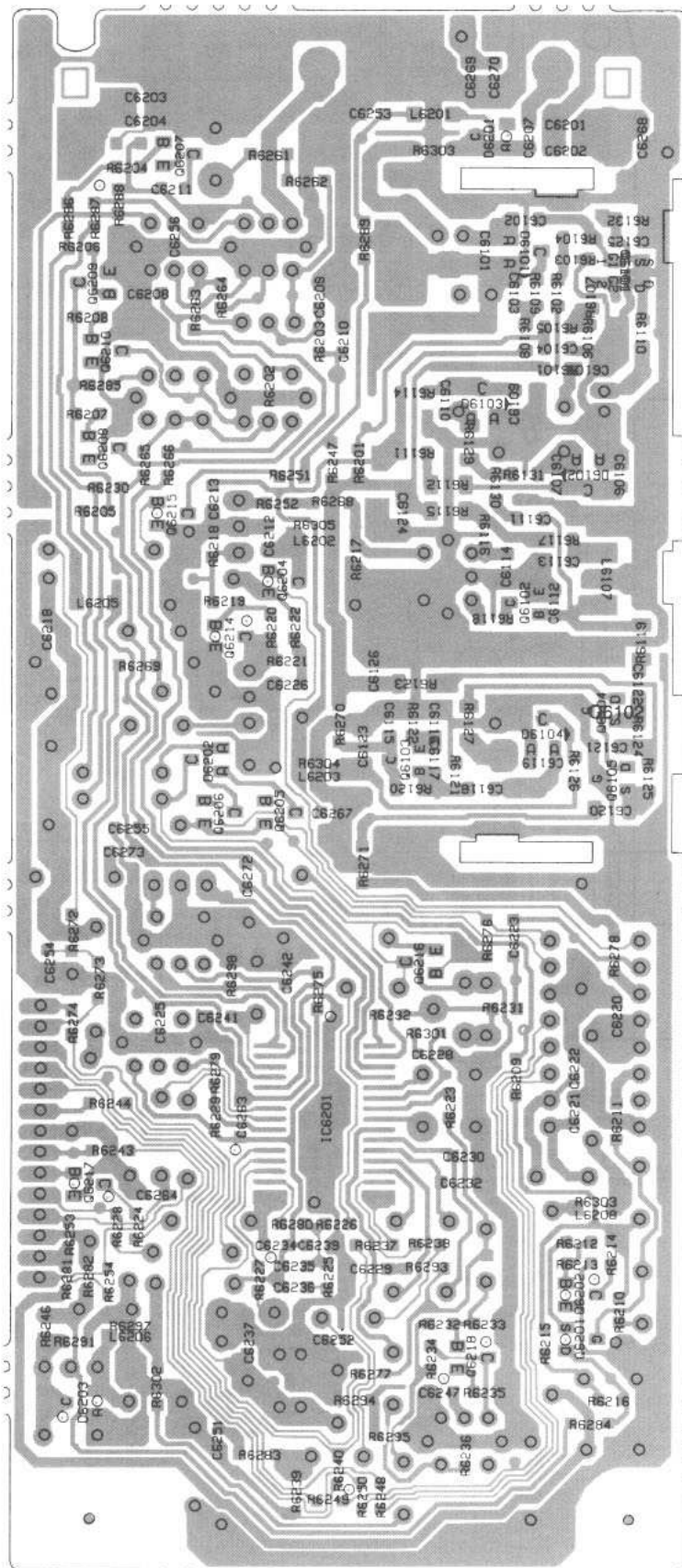
Symbol in PCB Diagrams	Symbol in Schematic Diagrams	Part Name
		Transistor
		Diode
		Capacitor (Polarized)

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.

B F CN1007

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.

● This diagram is viewed from the mounted parts side.



Q6207

Q6209
Q6101

Q6210

Q6208

Q6215

Q6204
Q6102
Q6214

Q6104

Q6103

Q6105

Q6206

Q6205

Q6216

IC6201

Q6217

Q6202

Q6201
Q6218

● This diagram is viewed from the foil side.

XR-Q250

4.2 CMPLX ASSY

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.

B

F CMPLX ASSY

E F
CN1301

G F CN402

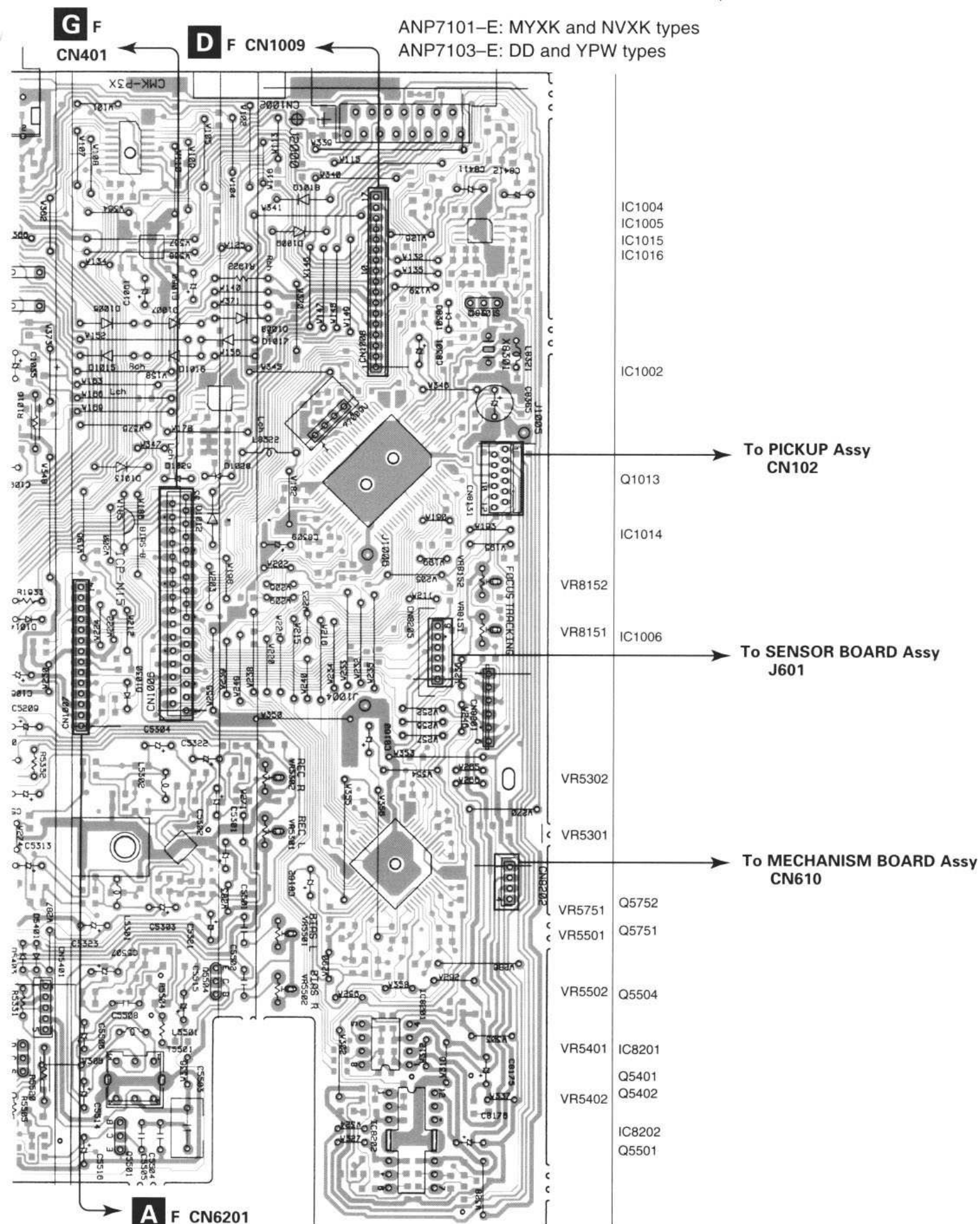
To SECND Assy
J1201

To FRNT2 Assy
J451

To MECHANISM
UNIT (2/2)

To MECHANISM UNIT (1/2)

● This diagram is viewed from the mounted parts side.



B F CMLPX ASSY

- Q8401
- Q8402
- IC1012

- IC8401
- IC1103

- Q1121 Q1011
- Q1123 Q1012
- Q1010

- Q1122
- IC1101
- Q8302 Q1003 Q1006

- IC8301 Q1025

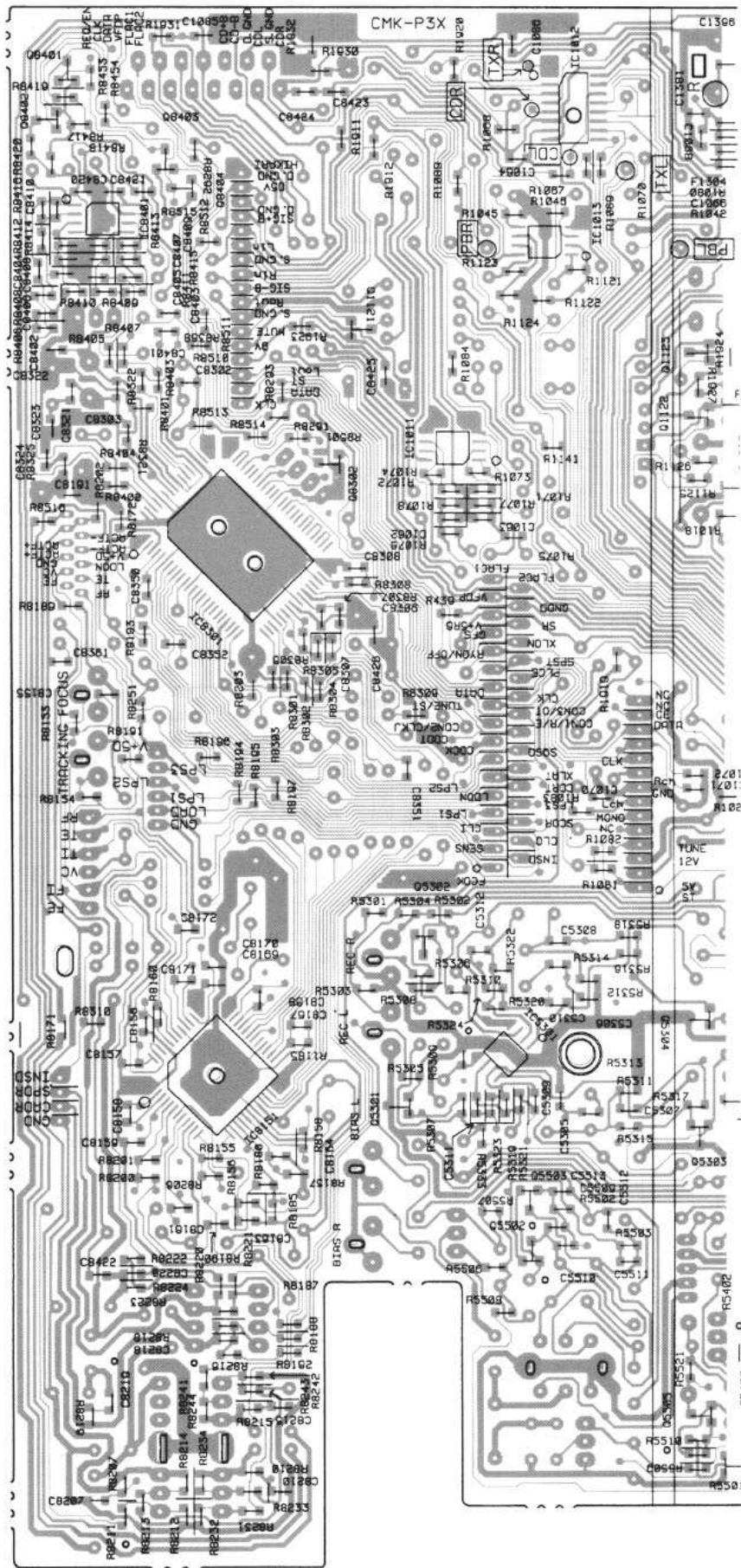
- Q1004
- Q1009
- Q1001
- Q1002
- IC1010
- Q1008
- Q1007

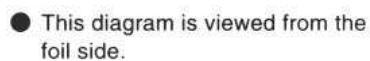
- Q5302

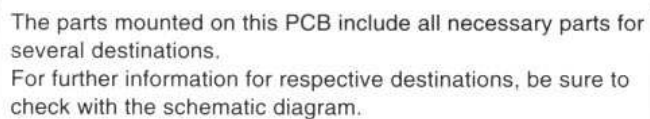
- Q5304 Q5755
- IC5301
- IC8151
- Q5301 IC5201
- Q5101
- Q5303 Q5103
- Q5503 Q5102 Q5104
- Q5502 Q5111
- Q5112
- Q5403 IC5651
- IC1009
- Q5753
- Q5754
- Q5405
- IC5401
- Q5404

- Q5505
- Q5407
- Q5406

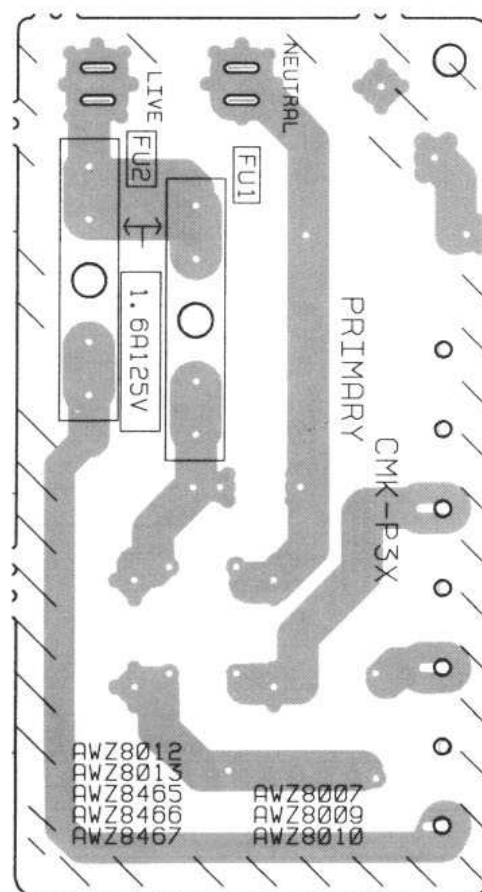
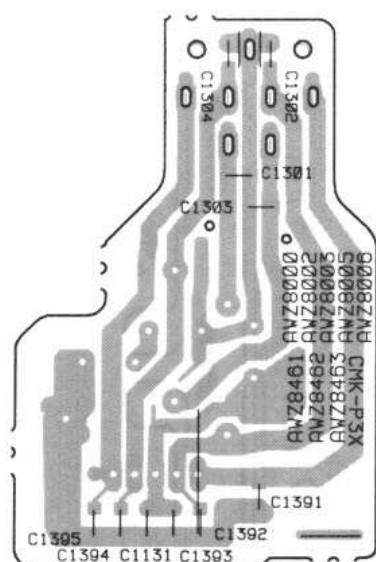
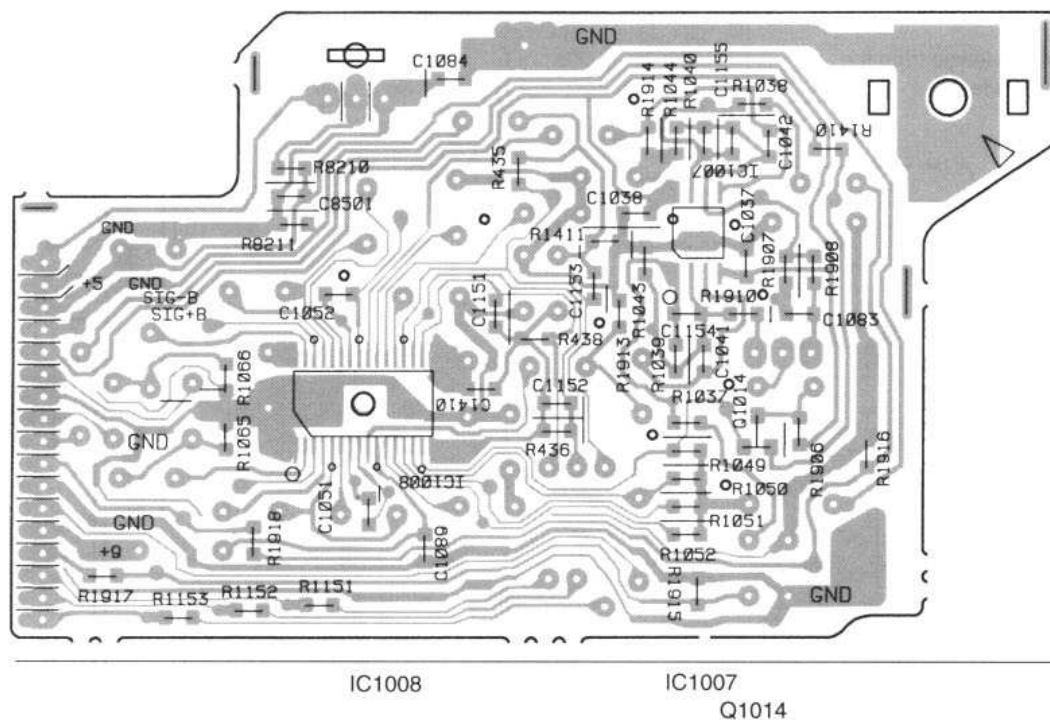
- Q5507
- Q5506





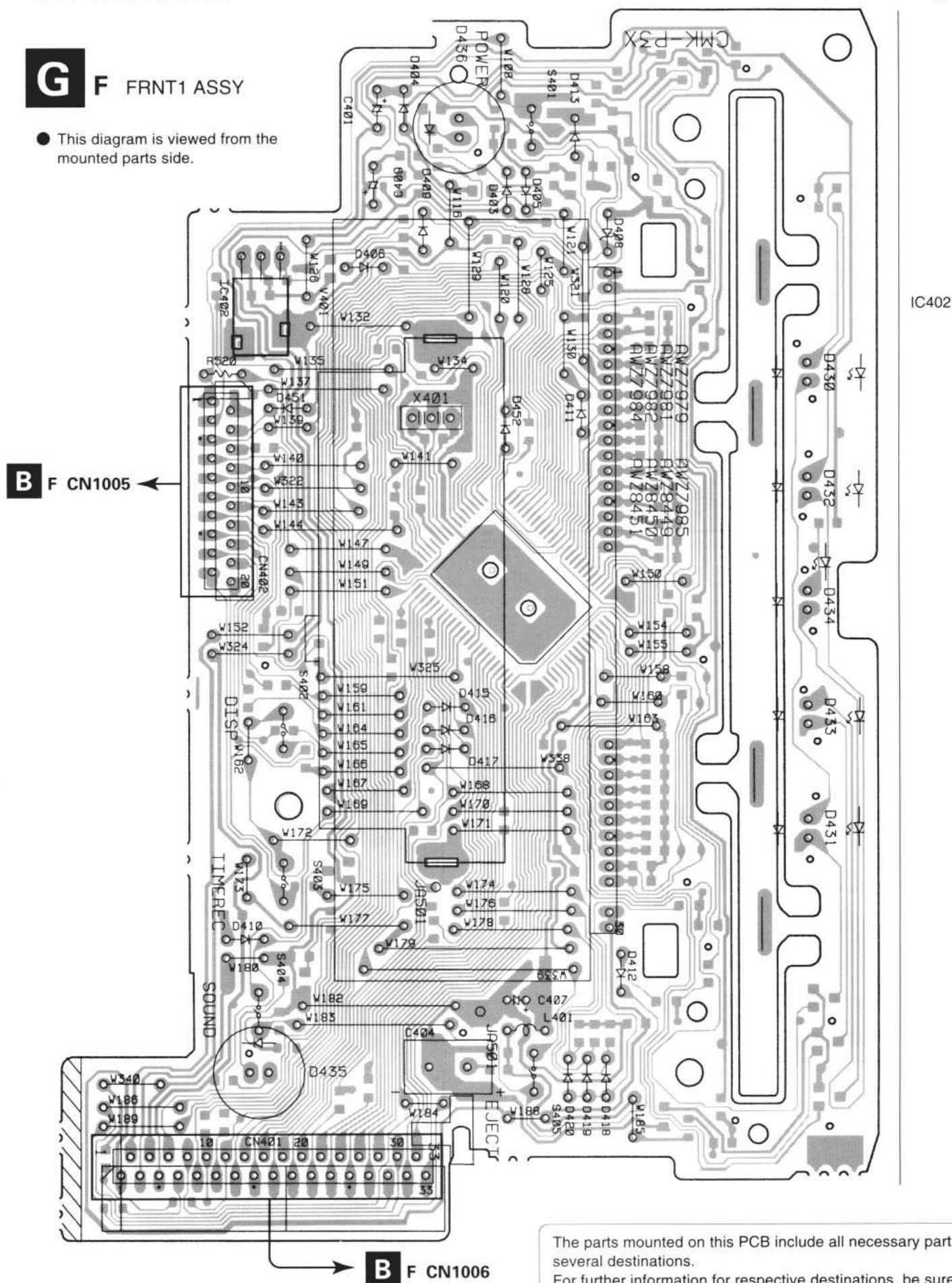


- This diagram is viewed from the foil side.



G F FRNT1 ASSY

● 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.

