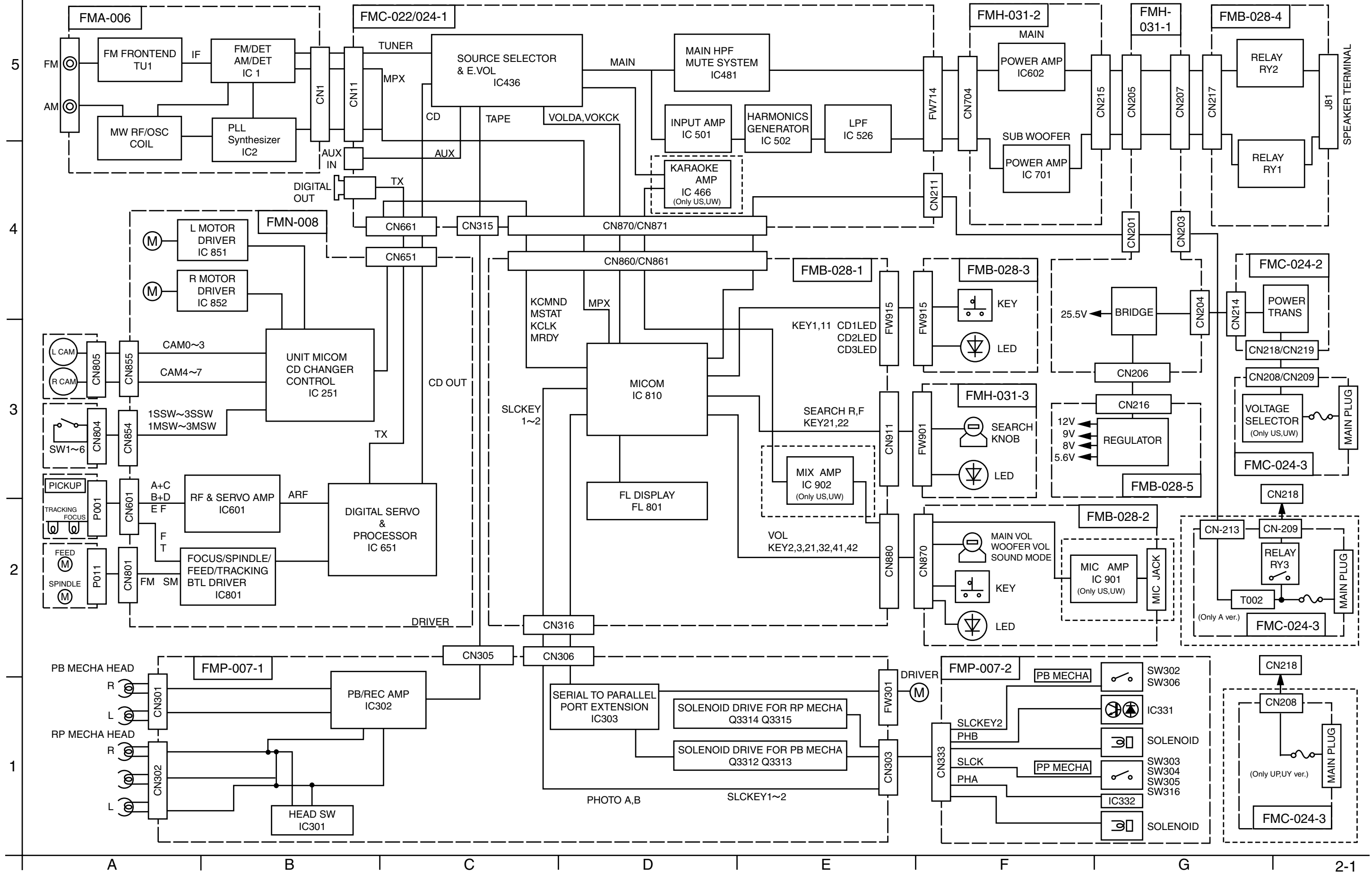


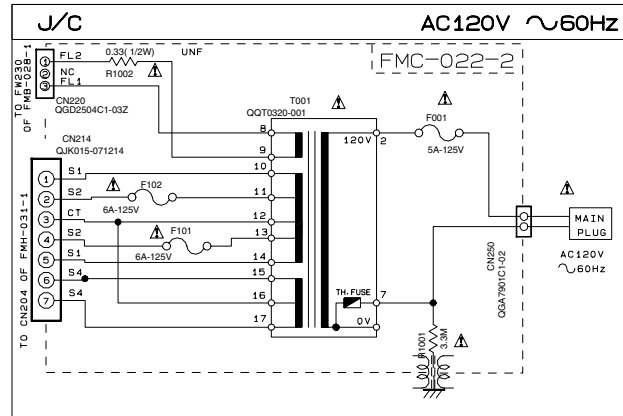
Block diagram



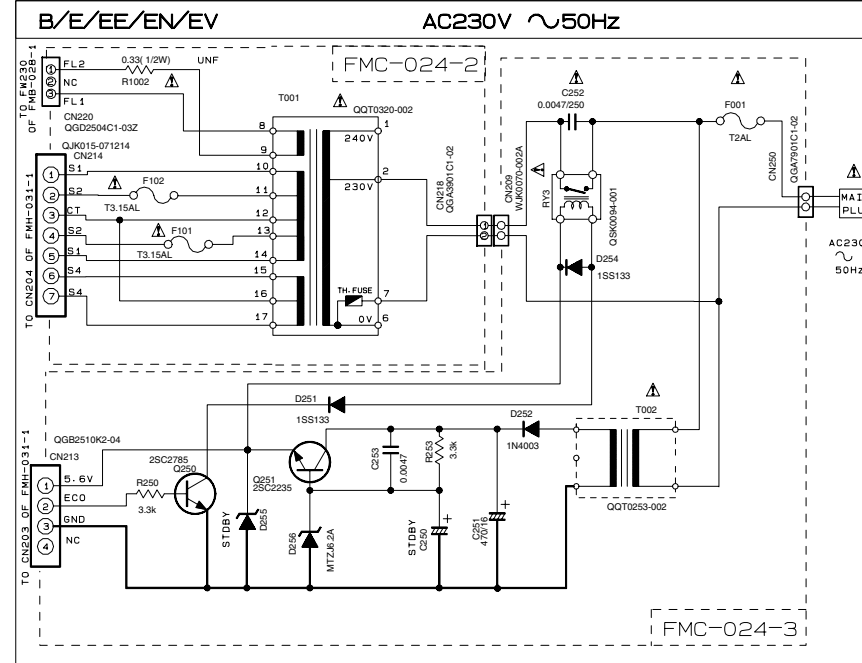
Standard schematic diagrams

Power supply section

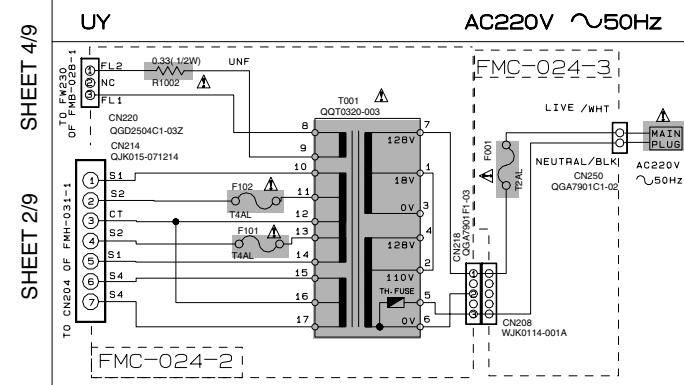
POWER SUPPLY BLOCK



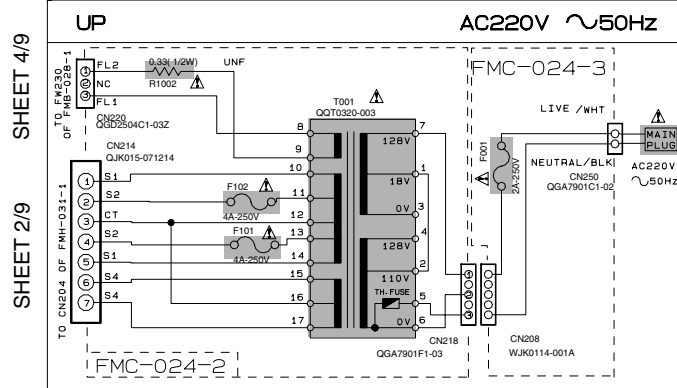
POWER SUPPLY BLOCK



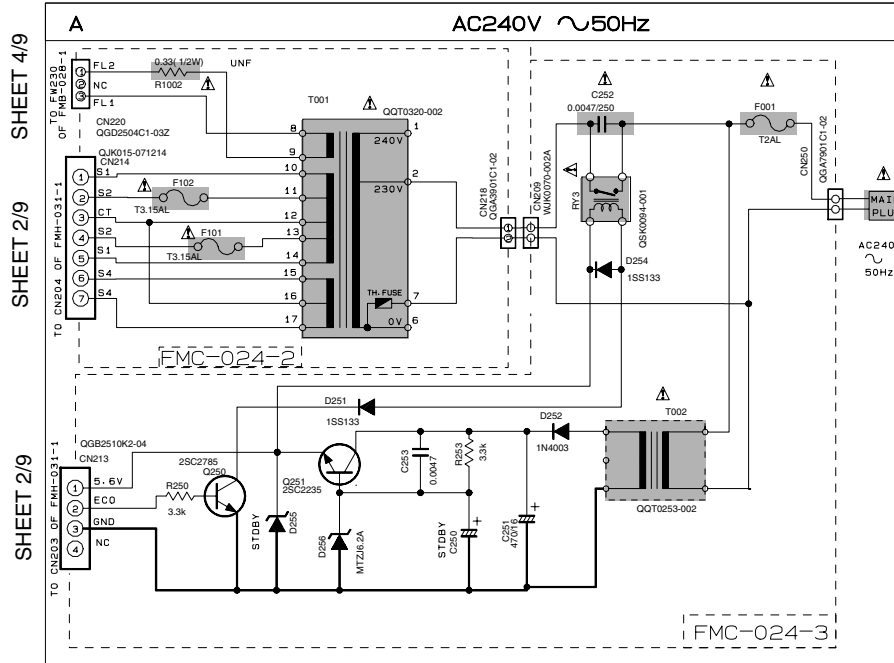
POWER SUPPLY BLOCK



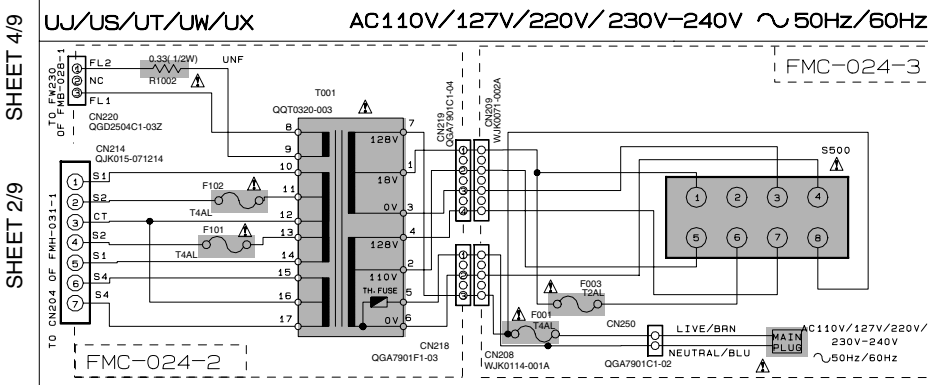
POWER SUPPLY BLOCK



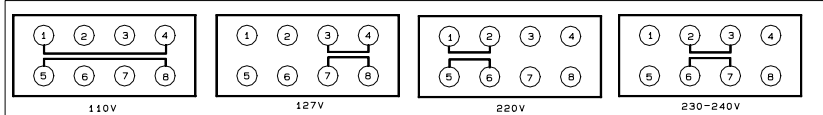
POWER SUPPLY BLOCK



POWER SUPPLY BLOCK



VOLTAGE SELECTOR LOCATION



EXPLANATION OF OVERALL OF SCHEMA.

MODEL MX-G70

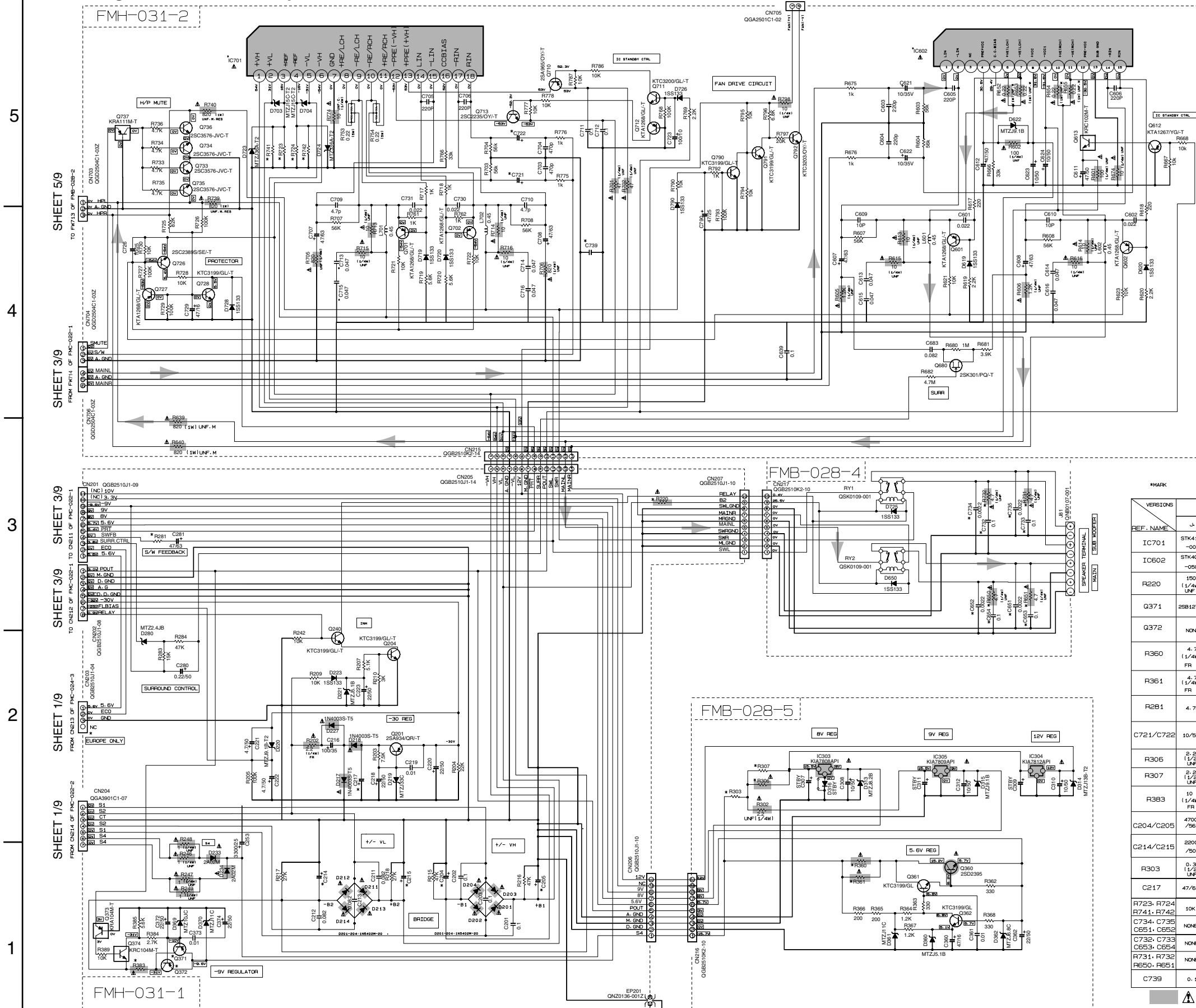
SHEET NUMBER	MODEL NUMBERS TO BE APPLIED	CIRCUITS DESCRIPTION
1/9	MX-G70	PRIMARY WITH MAINS TRANSFORMER
2/9	MX-G70	DC REGULATORS/AUDIO OUTPUT
3/9	MX-G70	EXTERNAL INPUT SOURCE SELECTOR SWITCH
4/9	MX-G70	FL DISPLAYS-SYSTEM CONTROL LSI
5/9	MX-G70	USER CONTROL KEYS MIC AMP
6/9	MX-G70	CD SERVO AND CD SYSTEM CONTROL CD CHANGER MECHANISM CONTROL
7/9	MX-G70	TAPE DECK MECHANISM CONTROL TAPE CIRCUITS SUCH AS PRE-AMP AND BIAS
8/9	MX-G70	TUNER RF/IF/FM MULTIPLEX (Only UP,US,UW,UY ver.)
9/9	MX-G70	TUNER RF/IF/FM MULTIPLEX (Only A ver.)

VERSION CODES

- J : U. S. A.
- C : CANADA
- B : U. K.
- E : CONTINENTAL EUROPE
- EE : RUSSIA
- EN : NORDIC COUNTRIES
- EV : EASTERN EUROPE
- A : AUSTRALIA
- UU : MILITARY
- UP : KOREA
- UT : TAIWAN
- UX : SAUDI ARABIA
- UY : ARGENTINA
- LW : SOUTH AMERICA EXCEPT ARGENTINA
- US : SINGAPORE AND UNIVERSAL EXCEPT ALL OF ABOVE

Parts are safety assurance parts.
When replacing those parts make
sure to use the specified one.

DC regulation & Audio output section



NOTES
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
 CONDITION — AUX MODE, VOL. MDA, BASS OFF
 2. UNLESS OTHERWISE SPECIFIED:
 RESISTORS ARE 1/4W ±5% CARBON RESISTOR.
 ALL RESISTANCE VALUES ARE IN OHM (Ω).
 ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
 ALL CAPACITANCE VALUES ARE IN #1(PF).
 ALL INDUCTANCE VALUES ARE IN #1(MH).
 ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (MF)/RATED VOLTAGE (V).
 ALL DIMENSIONS ARE IN MM.

VERSIONS	MX-G70/G71R				MX-GT80				MX-GT90			
	U	A	E	C	U	A	E	C	U	A	E	C
IC701	STK412	STK412	STK412	STK412	STK412	STK412	STK412	STK412	STK412	STK412	STK412	STK412
IC602	STK402	STK402	STK402	STK402	STK402	STK402	STK402	STK402	STK402	STK402	STK402	STK402
R220	150	150	150	150	150	150	150	150	150	150	150	150
Q371	2SB1274	NONE	NONE	NONE	2SB1274	NONE	NONE	NONE	2SB1274	NONE	NONE	NONE
Q372	NONE	KTA1025	KTA1025	KTA1025	NONE	KTA1025	KTA1025	KTA1025	NONE	KTA1025	KTA1025	KTA1025
R360	4.7	8.2	8.2	2.2	4.7	2.2	2.2	2.2	4.7	2.2	2.2	8.2
R361	4.7	1.4W	1.4W	1.4W	4.7	1.4W	1.4W	1.4W	4.7	1.4W	1.4W	1.4W
R281	4.7K	5.6K	4.7K	4.7K	7.5K	10K	6.8K	6.8K	8.2K	5.6K	5.6K	5.6K
C721/C722	10/50	10/50	10/50	10/50	10/50	10/50	10/50	10/50	10/35	10/35	10/35	10/35
R306	2.2	0.33	0.33	0.33	2.2	0.33	0.33	0.33	2.2	0.33	0.33	0.33
R307	2.2	1.2W	1.2W	1.2W	2.2	1.2W	1.2W	1.2W	2.2	1.2W	1.2W	1.2W
R383	10	SHORT	SHORT	SHORT	10	SHORT	SHORT	SHORT	10	SHORT	SHORT	SHORT
C204/C205	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700	4700
C214/C215	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
R303	0.33	SHORT	SHORT	SHORT	0.33	SHORT	SHORT	SHORT	0.33	SHORT	SHORT	SHORT
C217	47/63	47/63	47/63	47/63	47/63	47/63	47/63	47/63	47/100	47/100	47/100	47/100
R723, R724	10K	6.8K	6.8K	6.8K	10K	6.8K	6.8K	6.8K	10K	6.8K	6.8K	6.8K
R741, R742	NONE	USE	NONE	NONE	NONE	USE	NONE	NONE	USE	NONE	NONE	NONE
C732, C733	NONE	USE	NONE	NONE	NONE	USE	NONE	NONE	USE	NONE	NONE	NONE
C651, C652	NONE	USE	NONE	NONE	NONE	USE	NONE	NONE	USE	NONE	NONE	NONE
R731, R732	NONE	USE	NONE	NONE	NONE	USE	NONE	NONE	USE	NONE	NONE	NONE
R650, R651	0.1	1/50	1/50	1/50	0.1	1/50	1/50	1/50	0.1	1/50	1/50	1/50
C739	0.1	1/50	1/50	1/50	0.1	1/50	1/50	1/50	0.1	1/50	1/50	1/50

▲ Parts are safety assurance parts.
 When replacing those parts make sure to use the specified one.

➔ MAIN Signal

Main section

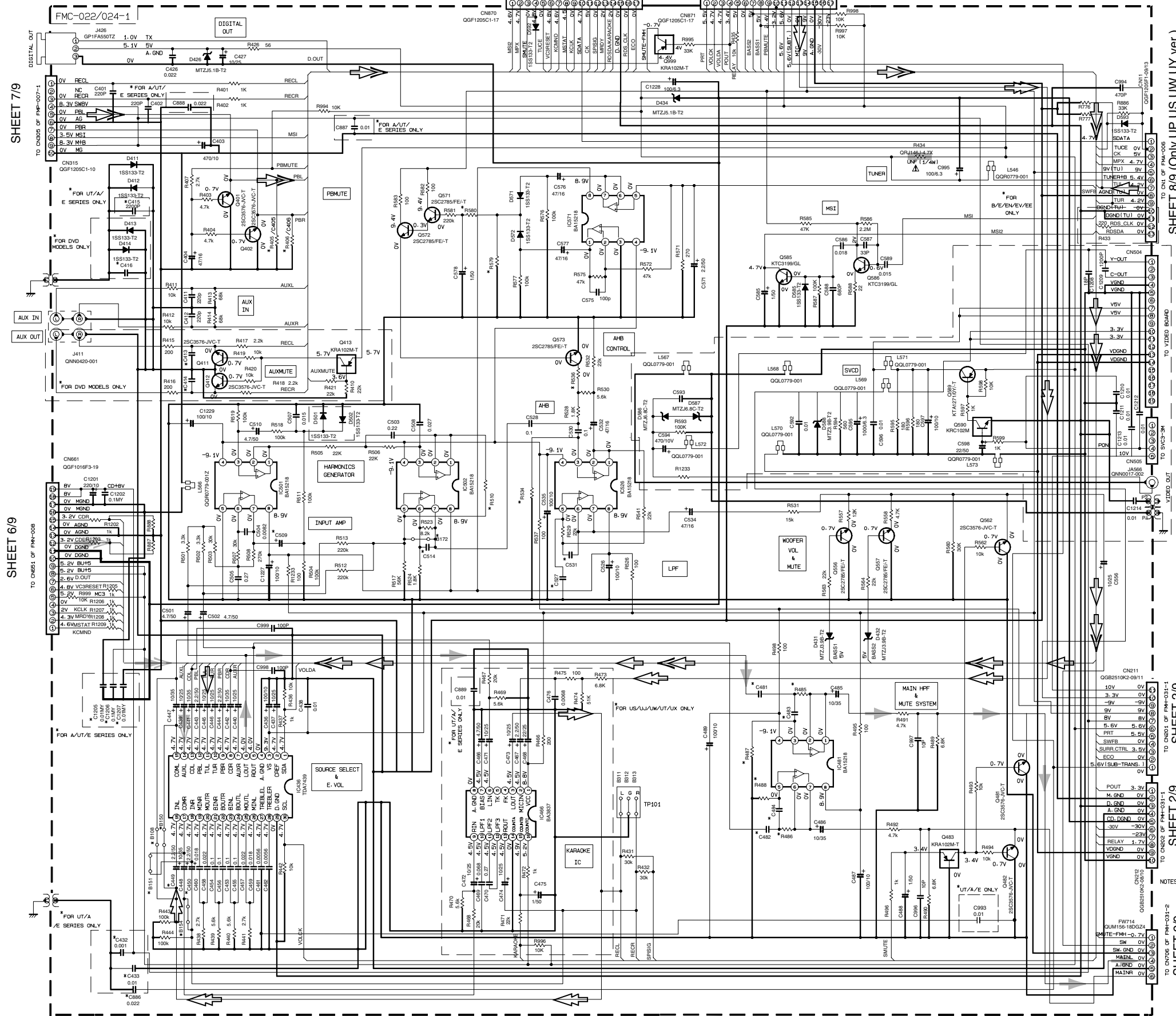
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SHEET 7/9 TO CN862 OF FMB-027-1

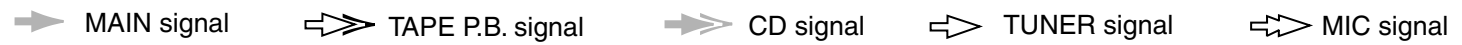
SHEET 6/9 TO CN861 OF FMB-028

SHEET 2/9 TO CN863 OF FMB-031-1

SHEET 2/9 TO CN862 OF FMB-031-1

SHEET 2/9 TO CN862 OF FMB-031-1

SHEET 2/9 TO CN862 OF FMB-031-1



MODEL	CA-MXG70	MX-G70	CA-MXG71R
VERSION	US/LW UK/UJ	UP/YJ	UT A J/C
SOUND QUALITY			
R485/486		56K	
R487/488		82K	
C481/482 483/484		QFLM1HJ-223Z	
R536		15K	
C514		QFLM1HJ-473Z	
R510		100K	
C509		QETN1M-475Z	
R534		180K	
C531		QFVJ1HJ-274Z	
C527		QFLM1HJ-273Z	
R579		82K	
R580		2.2K	
OTHERS			
C449	USED	NONE	USED
C450	USED	NONE	USED
B150	NONE	USED	NONE
B151	NONE	USED	NONE
B108	NONE	USED	NONE
B154	NONE	USED	NONE

MODEL	CA-MXG780	CA-MXG79R
VERSION	J/C	US/LW UJ
SOUND QUALITY		
R485/486		51K
R487/488		130K
C481/482 483/484		QFLM1HJ-273Z
R536		12K
C514		QFLC1HJ-471Z
R510		100K
C509		QETN1CM-106Z
R534		180K
C531		QFVJ1HJ-334Z
C527		QFLM1HJ-103Z
R579		100K
R580		5.6K
OTHERS		
C449	NONE	USED
C450	NONE	USED
B150	USED	NONE
B151	USED	NONE
B108	USED	NONE
B154	USED	NONE

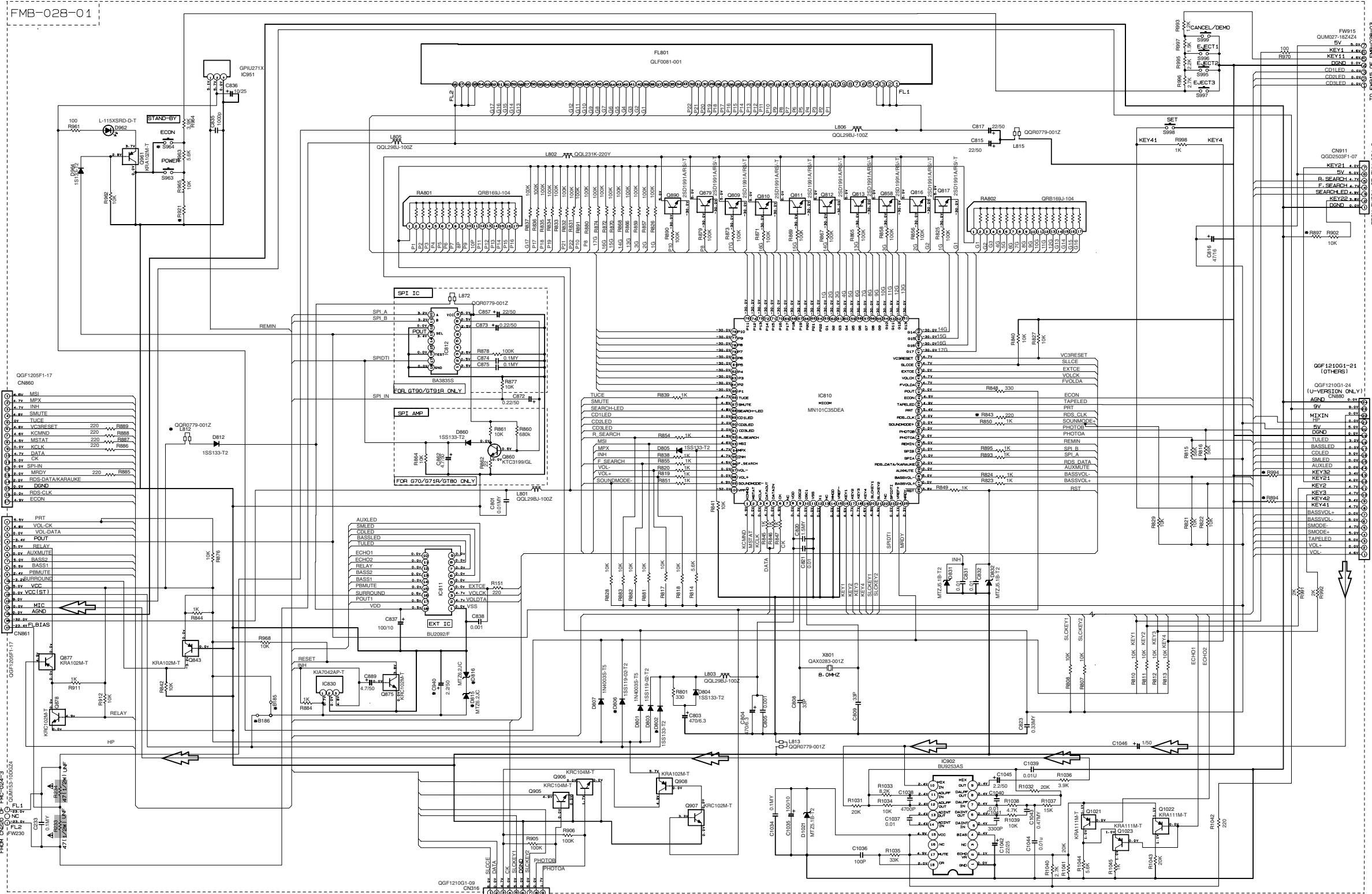
MODEL	MX-G790	CA-MXG790
VERSION	J/C	US/LW UJ
SOUND QUALITY		
R485/486		56K
R487/488		150K
C481/482 483/484		QF20160-223Z
R536		12K
C514		QFLC1HJ-417Z
R510		120K
C509		QETN1CM-106Z
R534		220K
C531		QFVJ1HJ-184Z
C527		QFLM1HJ-183Z
R579		82K
R580		680
OTHERS		
C449	NONE	USED
C450	NONE	USED
B150	USED	NONE
B151	USED	NONE
B108	USED	NONE
B154	USED	NONE

*R405/R406 = GR141J-222Y (FOR OTHER THAN A-UT AND E SERIES)
C405/C406 = QCSB1HJ-102Y (FOR A-UT AND E SERIES ONLY)

- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL. CONDITION — AUX MODE. VOL. MIN. SUBWOOFER VOL. 1.
- UNLESS OTHERWISE SPECIFIED:
RESISTORS ARE 1/4W 1% CARBON RESISTOR.
ALL RESISTANCE VALUES ARE IN OHM(S).
ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
ALL CAPACITANCE VALUES ARE IN nF (n=10⁻⁹).
ALL INDUCTANCE VALUES ARE IN mH (m=10⁻³).
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (nF)/RATED VOLTAGE (V).
ALL DIODES ARE 1SS133

Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

FL & System control section



SHEET 7/9

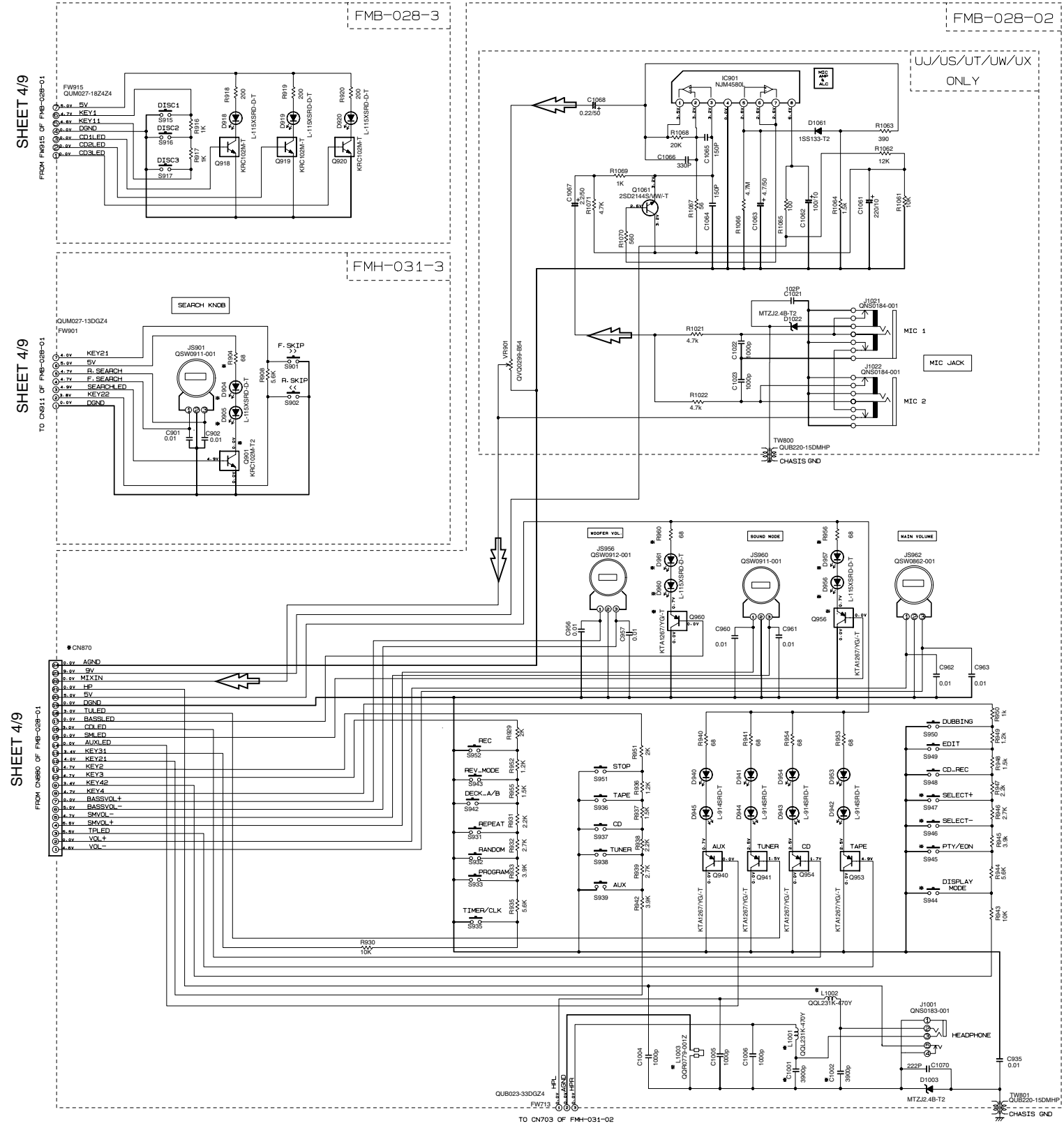
MARK	CA-MXG71R B-E-EN-EV	CA-MXG70 A	MX-G70 J-C	CA-MXG70 UX	CA-MXG70 UJ-UP-US-UT-UM	CA-MXG70 UY	MX-G71R EE	CA-MXG70 UJ-UP-US-UT-UM	MX-G70 C-J	CA-MXG71R B-E-EN-EV	MX-G71R EE	CA-MXG70 A	CA-MXG70 UY	CA-MXG70 UJ-UP-US-UM	MX-G70 C-J	MX-G70 A	MX-G70 UY
R001	330K	330K	330K	330K	330K	330K	75K	75K	75K	75K	75K	75K	75K	18K	18K	18K	18K
R007	330K	330K	75K	75K	75K	75K	75K	75K	75K	75K	75K	75K	75K	75K	75K	75K	75K
R014	75K	330K	75K	18K	75K	75K	75K	75K	75K	75K	75K	75K	75K	75K	330K	75K	75K
R019	330K	330K	75K	18K	330K	18K	75K	330K	75K	18K	330K	330K	75K	75K	330K	18K	18K
R043	USE	USE	NONE	NONE	USE	NONE	USE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
X01	QAX0283-001Z	QAX0283-001Z	QAX0283-001Z	QAX0283-001Z	QAX0283-001Z	QAX0283-001Z	QAX0283-001Z	QAX0283-001Z	QAX0283-001Z	QAX0283-001Z	QAX0283-001Z	QAX0283-001Z	QAX0283-001Z	QAX0283-001Z	QAX0283-001Z	QAX0283-001Z	QAX0283-001Z
S964	QSW0674-001Z	QSW0674-001Z	NONE	NONE	QSW0674-001Z	NONE	QSW0674-001Z	NONE	NONE	QSW0674-001Z	NONE	NONE	NONE	NONE	NONE	NONE	NONE
DB02	1SS133-T2	1SS133-T2	NONE	NONE	NONE	NONE	1SS133-T2	NONE	NONE	1SS133-T2	NONE	NONE	NONE	NONE	NONE	1SS133-T2	NONE
DB06	1SS119-02-T2	1SS119-02-T2	NONE	NONE	NONE	NONE	1SS119-02-T2	NONE	NONE	1SS119-02-T2	NONE	NONE	NONE	NONE	NONE	1SS119-02-T2	NONE
B185	NONE	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE
B186	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE
CS40	NONE	2.2/50	NONE	NONE	NONE	NONE	2.2/50	NONE	NONE	2.2/50	NONE	NONE	NONE	NONE	NONE	2.2/50	NONE
DB15-DB16	NONE	MTZJ6-2C-T2	NONE	NONE	NONE	NONE	MTZJ6-2C-T2	NONE	NONE	MTZJ6-2C-T2	MTZJ6-2C-T2	MTZJ6-2C-T2	MTZJ6-2C-T2	NONE	NONE	MTZJ6-2C-T2	NONE

MIC signal

NOTES
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL. CONDITION: AUX MODE, VOL. MIN, BASS LEVEL 1.
 2. VALUES OTHERWISE SPECIFIED.
 RESISTORS ARE 1/4W ±5% CARBON RESISTOR.
 ALL RESISTANCE VALUES ARE IN OHM (Ω).
 ALL CAPACITORS ARE CERAMIC CAPACITOR OR MLCC CAPACITOR.
 ALL CAPACITANCE VALUES ARE IN PICO (pF).
 ALL INDUCTANCE VALUES ARE IN MICRO (μH).
 ALL ELECTROLYTIC CAPACITORS ARE IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).
 ALL DIMENSIONS ARE IN MILLIMETER (mm).

Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

■ Front key section



MIC signal

■ MARK

	CA-KXG71R B-E-EN-EV	CA-KXG70 A	KX-G70 J-C	CA-KXG70 UX	CA-KXG70 UJ-UP-US-UT-UX	CA-KXG70 UY	KX-G71R EE	CA-KXG780 UJ-UP-US-UT-UX	KX-G780 C-J	CA-KXG781R B-E-EN-EV	KX-G781R EE	CA-KXG780 A	CA-KXG780 UY	CA-KXG790 UJ-UP-US-UX	KX-G790 C-J	MX-G790 A	MX-G790 UY
D904-D905-D956-D957 D960-D961	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	L-115XSFD-D-T	L-115XSFD-D-T	L-115XSFD-D-T	NONE	NONE	L-115XSFD-D-T	L-115XSFD-D-T	L-115XSFD-D-T	L-115XSFD-D-T
S944-S945-S946-S947 L1001-L1002	QSW0825-0012	NONE	NONE	NONE	NONE	NONE	QSW0825-0012	NONE	NONE	QSW0825-0012	QSW0825-0012	NONE	NONE	NONE	NONE	NONE	NONE
C1001-C1002	3900P	3900P	NONE	NONE	NONE	NONE	3900P	NONE	NONE	3900P	3900P	NONE	NONE	NONE	NONE	3900P	3900P
L1003	QGR0779-0012	QGR0779-0012	QGL231K-470Y	QGL231K-470Y	QGL231K-470Y	QGL231K-470Y	QGR0779-0012	QGL231K-470Y	QGL231K-470Y	QGR0779-0012	QGR0779-0012	QGR0779-0012	QGL231K-470Y	QGL231K-470Y	QGL231K-470Y	QGL231K-470Y	QGL231K-470Y
R904-R956-R960	NONE	NONE	NONE	NONE	NONE	NONE	68	NONE	NONE	68	68	NONE	NONE	NONE	NONE	68	68
Q901	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	KRC102M-T	KRC102M-T	KRC102M-T	NONE	NONE	KRC102M-T	KRC102M-T	KRC102M-T
CN870	GGF1205F1-22	GGF1205F1-22	GGF1205F1-22	GGF1205F1-24	GGF1205F1-24	GGF1205F1-22	GGF1205F1-24	GGF1205F1-24	GGF1205F1-22	GGF1205F1-22	GGF1205F1-22	GGF1205F1-22	GGF1205F1-22	GGF1205F1-22	GGF1205F1-24	GGF1205F1-22	GGF1205F1-24
Q956-Q960	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	KTA1267/YG-T	KTA1267/YG-T	KTA1267/YG-T	NONE	NONE	KTA1267/YG-T	KTA1267/YG-T	KTA1267/YG-T

NOTES
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
 CONDITION — AUX MODE VOL MDN BASS OFF
 2. UNLESS OTHERWISE SPECIFIED
 RESISTORS ARE 1/4W ±5% CARBON RESISTOR
 ALL RESISTANCE VALUES ARE IN OHMS (Ω)
 ALL CAPACITORS ARE GRADIC DIAPLECTOR OR MYLAR CAPACITOR
 ALL CAPACITANCE VALUES ARE IN PICOFARADS (PF)
 ALL INDUCTANCE VALUES ARE IN MILLIHENRYS (MH)
 ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (PF)/RATED VOLTAGE (V).
 ALL DIMENSIONS ARE 100±0.13

CD servo control section

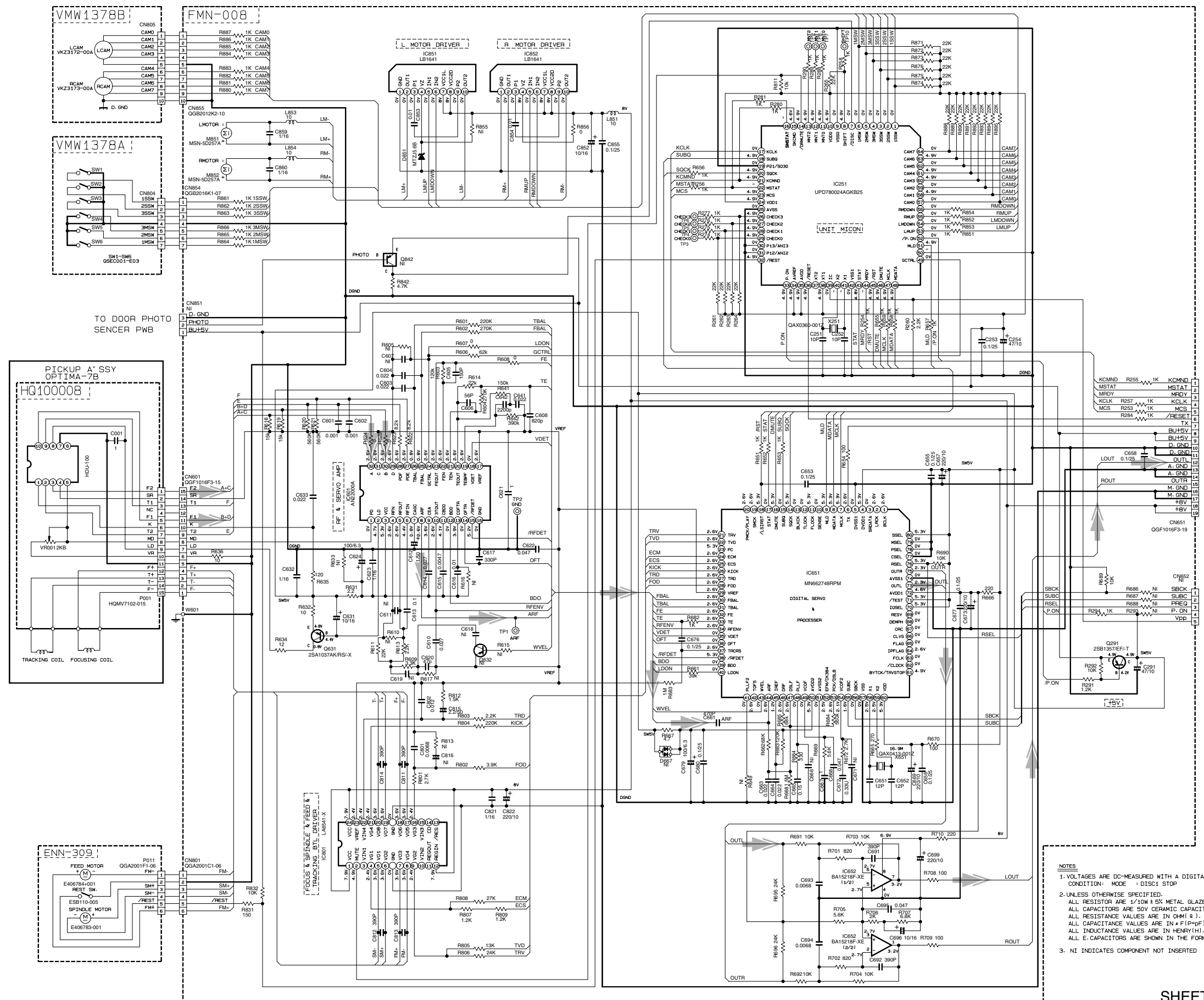
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2

1



TO CN651 OF FMC-022-1 SHEET 3/9

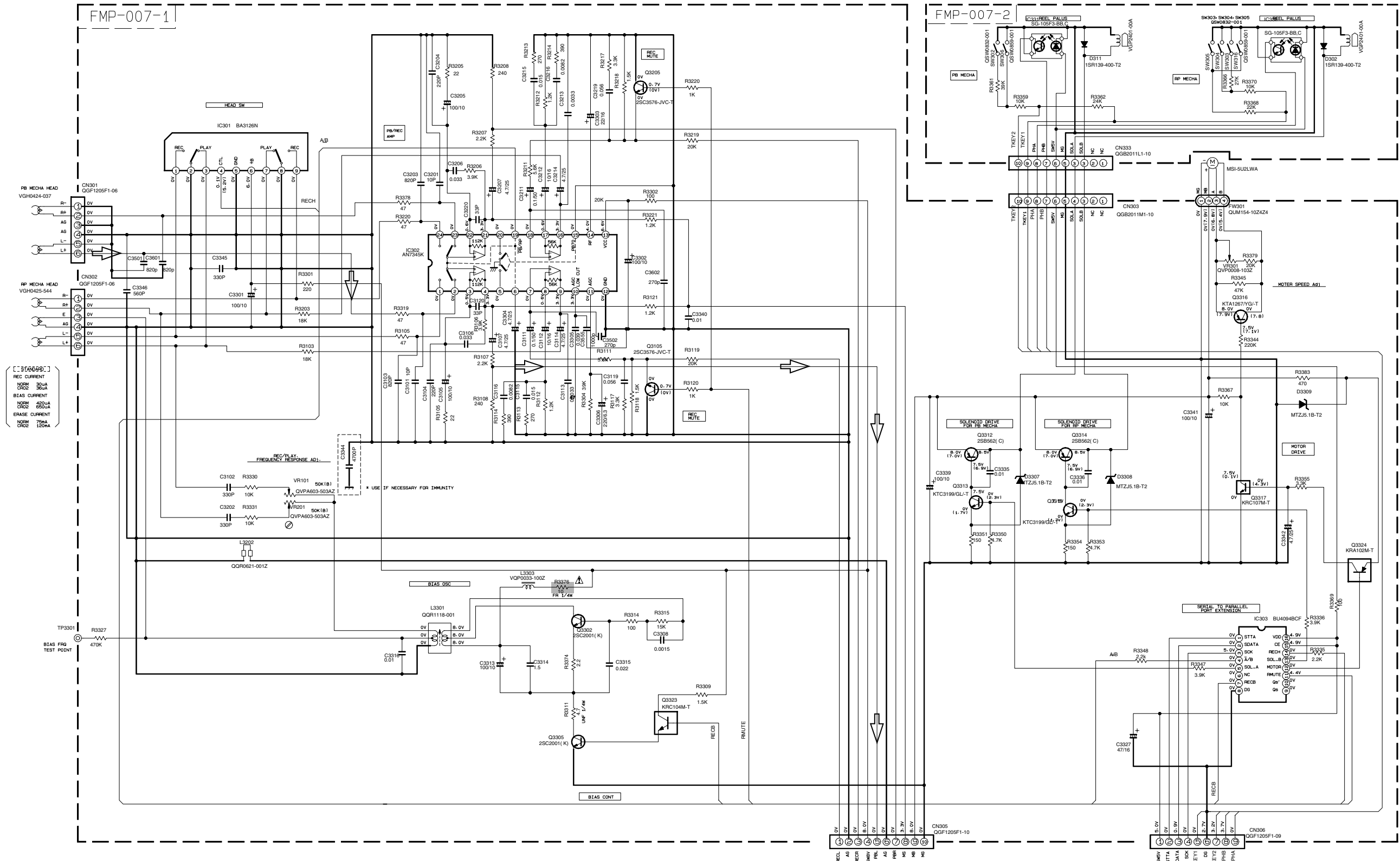
CD signal

- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
CONDITION: MODE : DISC1 STOP
 2. UNLESS OTHERWISE SPECIFIED:
ALL RESISTOR ARE 1/10W ± 5% METAL GLAZE RESISTOR;
ALL CAPACITORS ARE 50V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.
ALL RESISTANCE VALUES ARE IN OHM (Ω).
ALL CAPACITANCE VALUES ARE IN μF (μF).
ALL INDUCTANCE VALUES ARE IN HENRY (H).ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF) / RATED VOLTAGE (V).
 3. NI INDICATES COMPONENT NOT INSERTED

Head amplifier section

CASSETTE MECHA CONTROL CIRCUIT [SLC]

5
4
3
2
1



[STANDARD]

REC CURRENT	30mA
CRG	360A
BIAS CURRENT	7mA
AG	650A
ERASE CURRENT	77mA
CRG	120mA

- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL. () IS INVERT MODE
 2. UNLESS OTHERWISE SPECIFIED
 - ALL RESISTANCE VALUES ARE IN OHM(Ω).
 - ALL CAPACITORS ARE CERAMIC CAPACITOR
 - ALL CAPACITANCE VALUES ARE IN pF(pF).
 - ALL INDUCTANCE VALUES ARE IN mH(mH).
 - ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μ F)/RATED VOLTAGE (V).
 - PP PLYPROPYLENE CAPACITOR

SHEET3/9

SHEET4/9

FROM CN315 OF FMC-022-1

FROM CN316 OF FMB-028-1

Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

TAPE P.B. signal

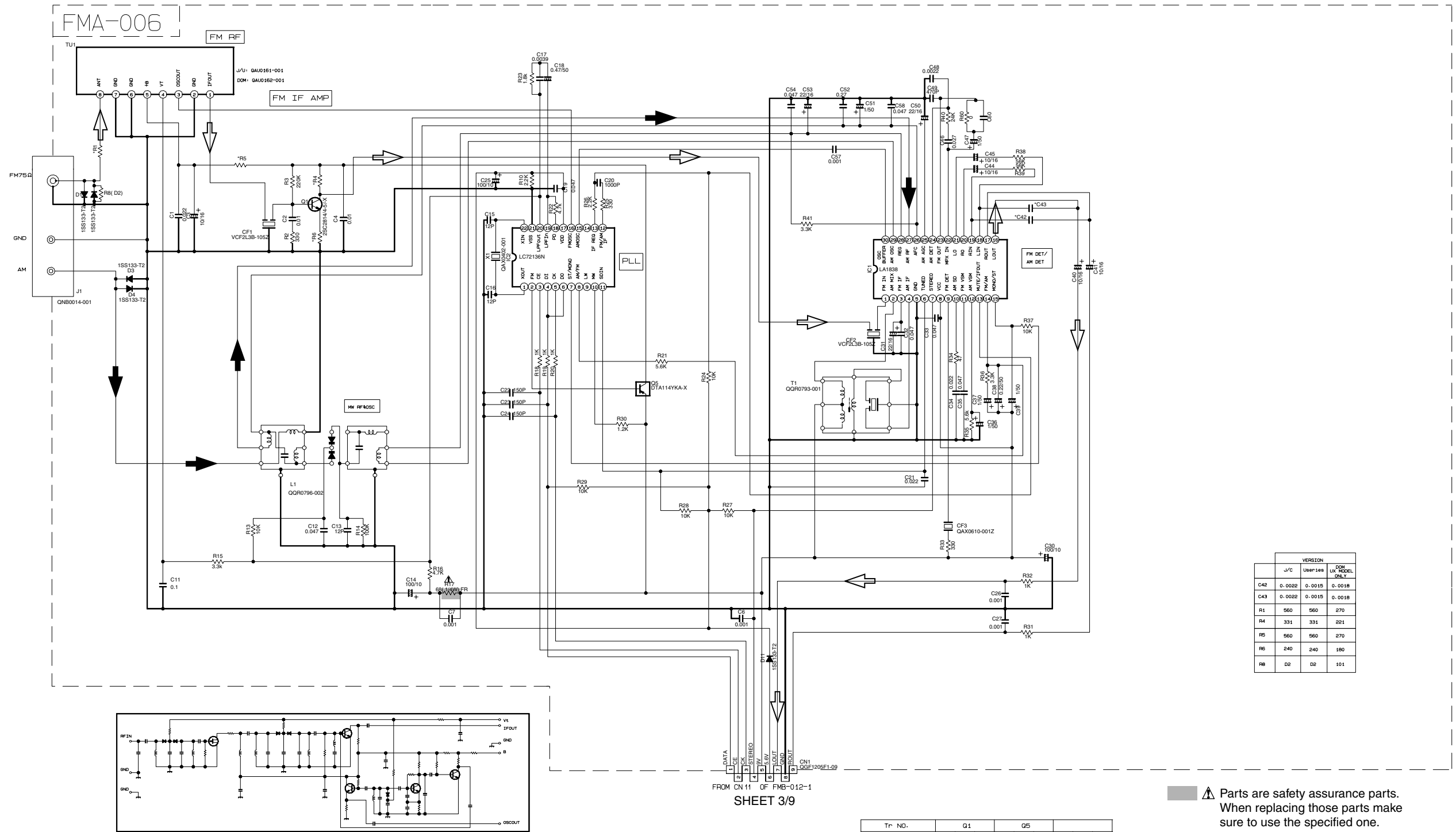
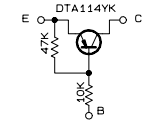
SHEET 7/9

**Tuner section
(Only US,UP,UW,UY ver.)**

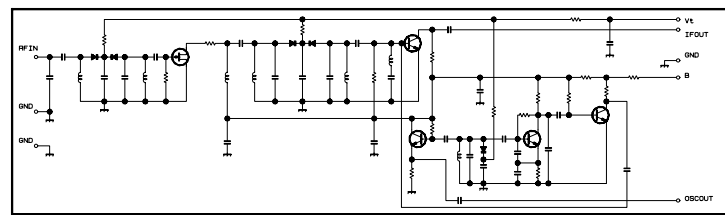
NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER.
2. ALL RESISTORS ARE 1/8W ±5% METAL GLAZE RESISTOR.
3. ALL RESISTANCE VALUES ARE IN OHM(Ω).
4. ALL CAPACITANCE VALUES ARE IN pF(P=pF).
5. ALL E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (×F)/RATED VOLTAGE (V).
6. SI DIODES (D) ARE ALL 1S5133-T THAT CAN BE CHANGED TO SIMILAR DIODE SUCH AS MA165 OR HSS104J.
7. PARTS NO. OF TRANSISTORS ARE AS FOLLOWS:
Q1 2SC2814/4-5/-X Q2, Q3 2SC2412K/R/-X
Q4-Q5 DTA114KA-X

B. INSIDE OF DIGITAL TRANSISTORS ARE SHOWN AS FOLLOWS:



	VERSION		
	J/C	USE#148	USE#149 ONLY
C42	0.0022	0.0015	0.0018
C43	0.0022	0.0015	0.0018
R1	560	560	270
R4	331	331	221
R5	560	560	270
R6	240	240	180
R8	D2	D2	101



CONDITION	PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
IC1	FM NO SIGNAL	3.6	8.9	3.6	3.6	0	5.0	5.0	8.9	8.9	1.3	0.1	0	0.9	7.8	7.8	4.3	4.3	4.3	4.3	3.4	3.4	2.8	3.4	0	0	3.5	3.5	3.6	3.6	2.7
	FM 60dB STEREO	3.6	8.9	3.6	3.6	0	5.0	5.0	8.9	8.9	1.3	4.3	0	0.9	7.8	7.8	4.3	4.3	4.3	4.3	3.4	3.4	2.8	3.4	0	0	3.6	3.6	3.6	3.6	2.7
	AM NO SIGNAL	3.5	9.0	3.5	3.5	0	5.0	5.1	9.0	2.6	1.3	0	0	0.9	4.7	5.5	4.3	4.3	4.3	4.3	3.3	3.2	2.8	ust	0.7	0.7	3.6	3.6	3.6	3.6	2.1
IC2	FM NO SIGNAL	2.5	0	0	5.0	4.9	5.0	7.9	7.8	3.6	6.1	5.1	0	0	0	2.5	5.1	0.9	0.9	3.8	0	2.3									

Tr NO.	Q1			Q5		
PIN NO.	E	C	B	E	C	B
FM 87.5MHz NO SIGNAL	0	7.1	0.85	8.9	8.8	0
AM 522kHz NO SIGNAL	0	0	0	9.0	0	8.9

Tr NO.	Q2			Q3			Q4		
PIN NO.	E	C	B	E	C	B	E	C	B
AM 522kHz NO SIGNAL	0	0	0.7	0	0.7	0	3.6	0.7	
AM 144kHz NO SIGNAL	0	0	0.3	0	0.3	0.3	3.6	3.6	3.6

▲ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

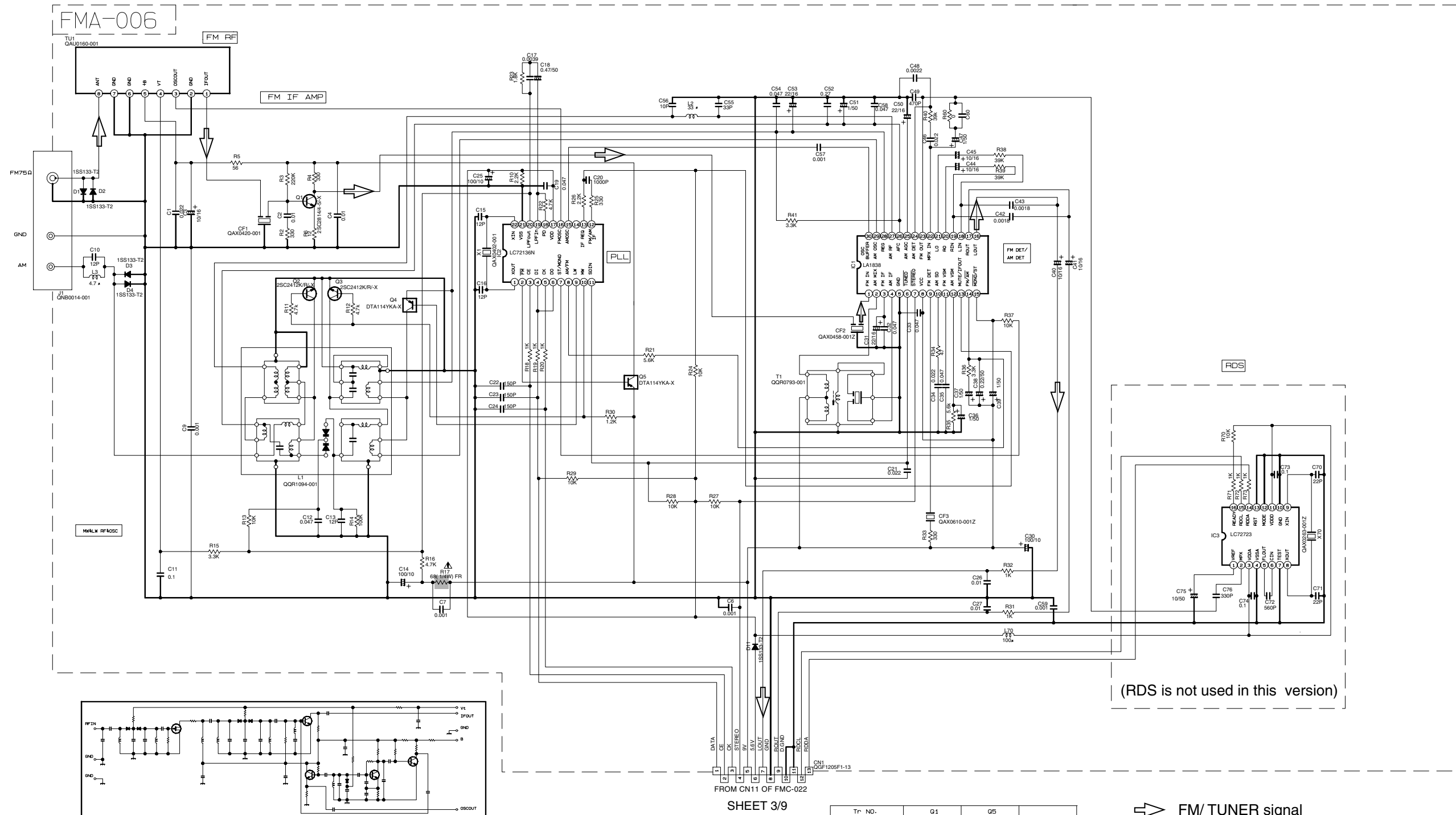
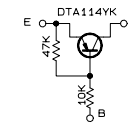
↗ FM/TUNER signal
➔ AM signal

Tuner section (Only A ver.)

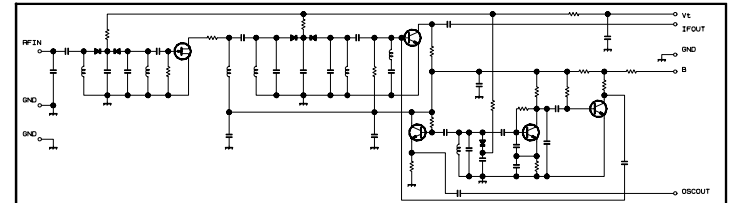
NOTES

- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER.
- ALL RESISTORS ARE 1/8W ±5% METAL GLAZE RESISTOR.
- ALL RESISTANCE VALUES ARE IN Ω(M). (1).
- ALL CAPASITANCE VALUES ARE IN *F(PpF).
- ALL E. CAPASITORS ARE SHOWN IN THE FORM OF CAPASITANCE (*F)/RATED VOLTAGE (V).
- SI DIODES (D) ARE ALL 1SS133-T THAT CAN BE CHANGED TO SIMILAR DIODE SUCH AS MA165 OR HSS104J.
- PARTS NO. OF TRANSISTORS ARE AS FOLLOWS.
Q1 2SC2814/4-5/-X Q2-Q3 2SC2412K/R/-X
Q4-Q5 DTA114YKA-X

B. INSIDE OF DIGITAL TRANSISTORS ARE SHOWN AS FOLLOWS.



(RDS is not used in this version)



CONDITION	PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
IC1	FM NO SIGNAL	3.6	8.9	3.6	3.6	0	5.0	5.0	8.9	8.9	1.3	0.1	0	0.9	7.8	7.8	4.3	4.3	4.3	4.3	3.4	3.4	2.8	3.4	0	0	3.5	3.5	3.6	3.6	2.7
	FM 600B STEREO	3.6	8.9	3.6	3.6	0	5.0	5.0	8.9	8.9	1.3	4.3	0	0.9	7.8	7.8	4.3	4.3	4.3	4.3	3.4	3.4	2.8	3.4	0	0	3.6	3.6	3.6	3.6	2.7
	AM NO SIGNAL	3.5	9.0	3.5	3.5	0	5.0	5.1	9.0	2.6	1.3	0	0	0.9	4.7	5.5	4.3	4.3	4.3	3.3	3.2	2.8	ust	0.7	0.7	3.6	3.6	3.6	3.6	2.1	
IC2	FM NO SIGNAL	2.5	0	0	5.0	4.9	5.0	7.9	7.8	3.6	6.1	5.1	0	0	0	0	2.5	5.1	0.9	0.9	3.8	0	2.3								

SHEET 3/9

Tr. NO.	Q1	Q5				
PIN NO.	E	C	B	E	C	B
FM 87.5MHz NO SIGNAL	0	7.1	0.895	8.9	8.8	0
AM 522kHz NO SIGNAL	0	0	0	9.0	0	8.9

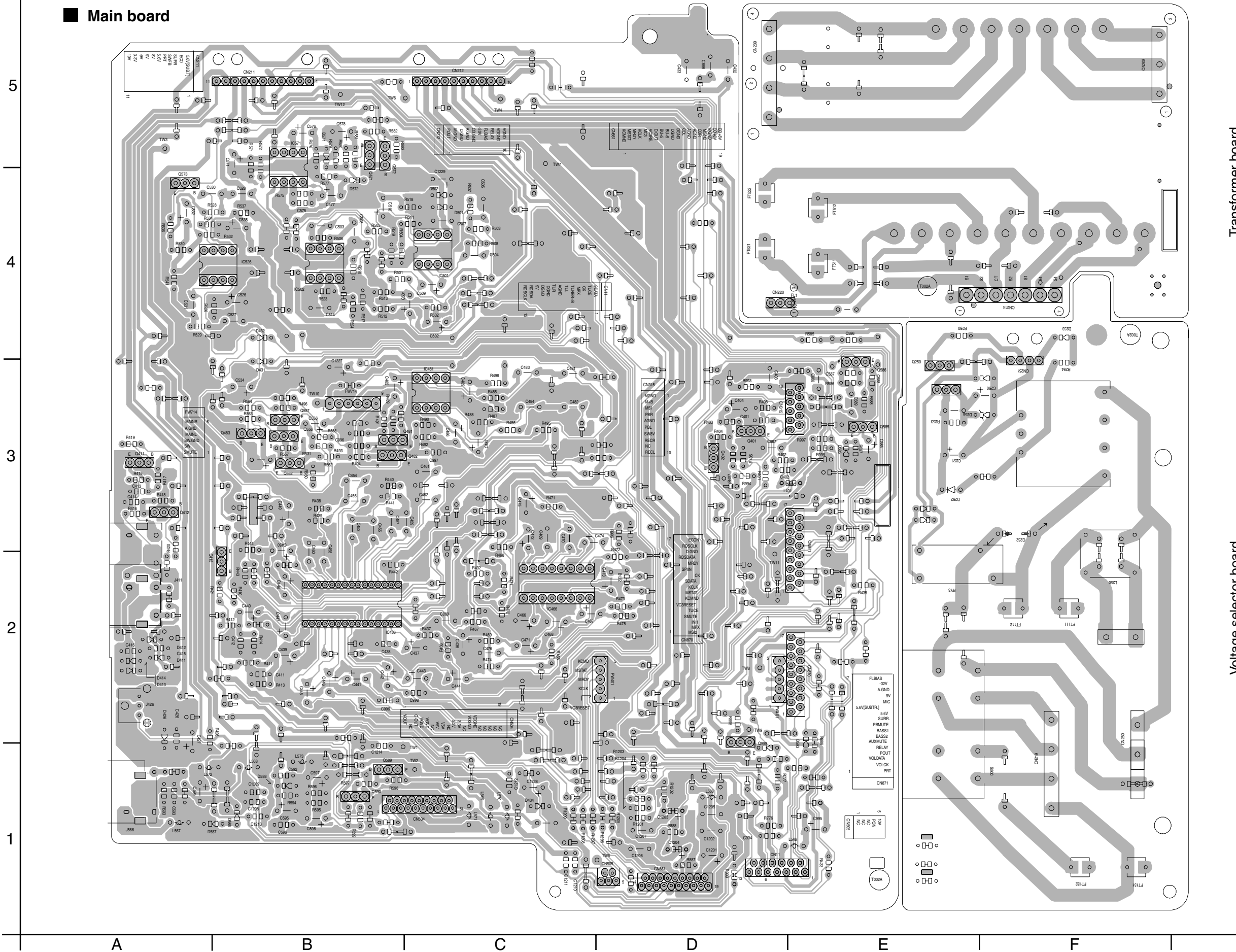
Tr. NO.	Q2	Q3	Q4			
PIN NO.	E	C	B	E	C	B
AM 522kHz NO SIGNAL	0	0	0.7	0	0.7	0
AM 144kHz NO SIGNAL	0	0	0.3	0	0.3	3.6

FM/ TUNER signal

Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

Printed circuit boards

■ Main board



Transformer board

Voltage selector board

MX-G70

MX-G70

■ Regulation & amplifier board

5

4

3

2

1

Regulation board

Preset/tuning
switch board

Amplifier board

A

B

C

2-12

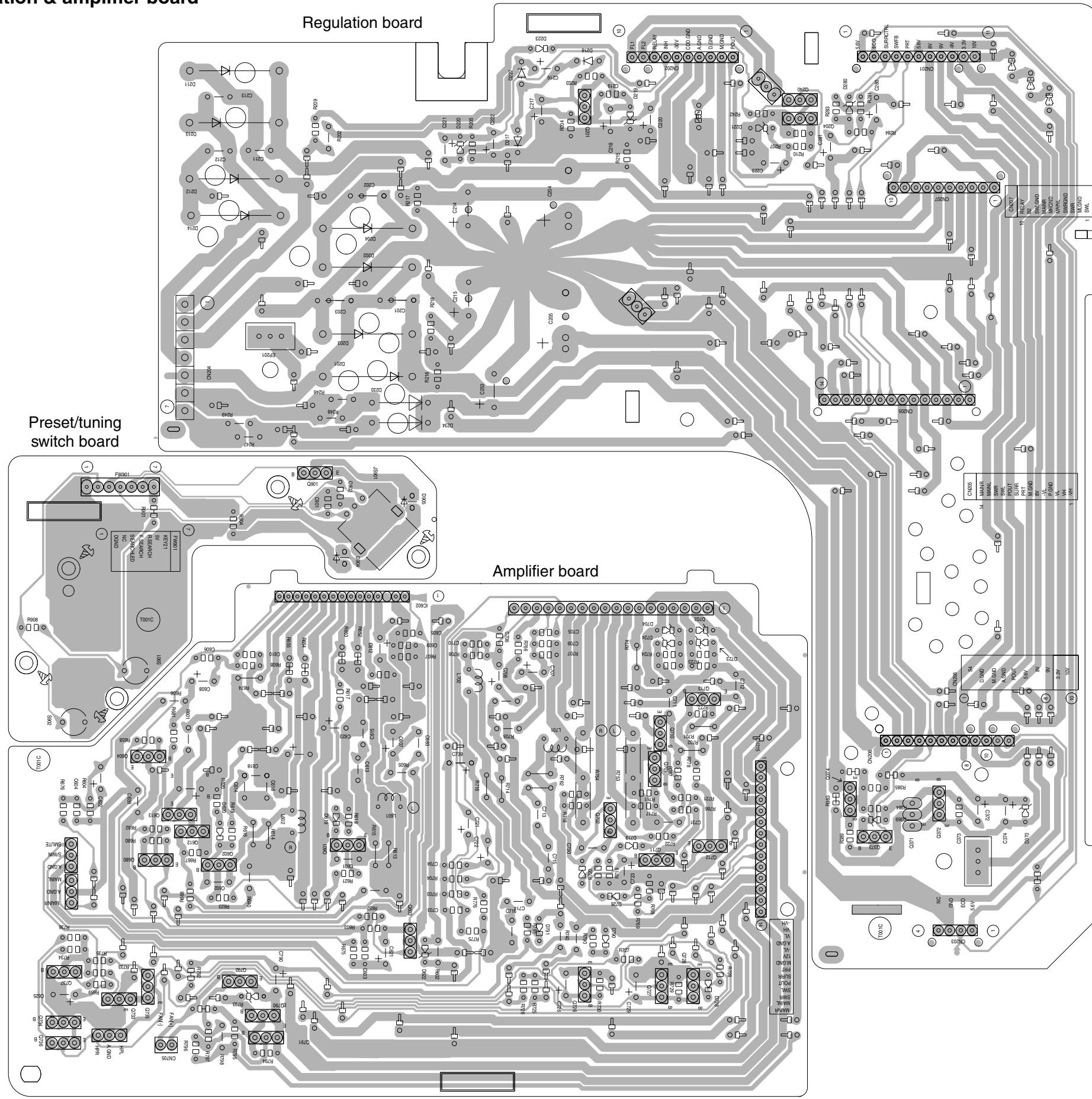
D

E

F

G

H



■ Front board

Display & system control board

Operation swithc board

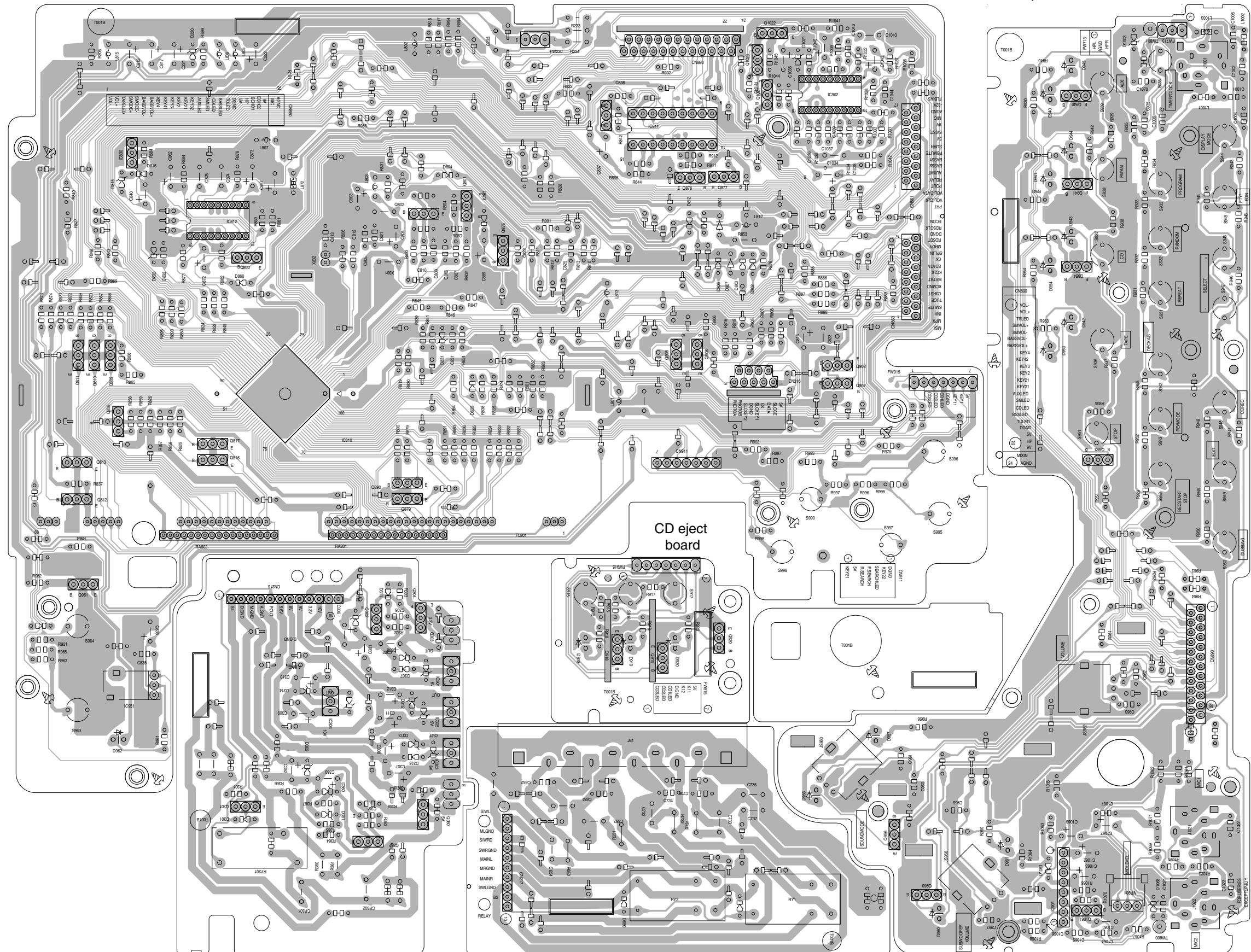
5

4

3

2

1



Voltage board

CD eject board

Speaker terminal board

A

B

C

D

E

F

G

MX-G70

MX-G70

■ CD servo control board

■ Head amplifier & mechanism control board

■ Tuner board

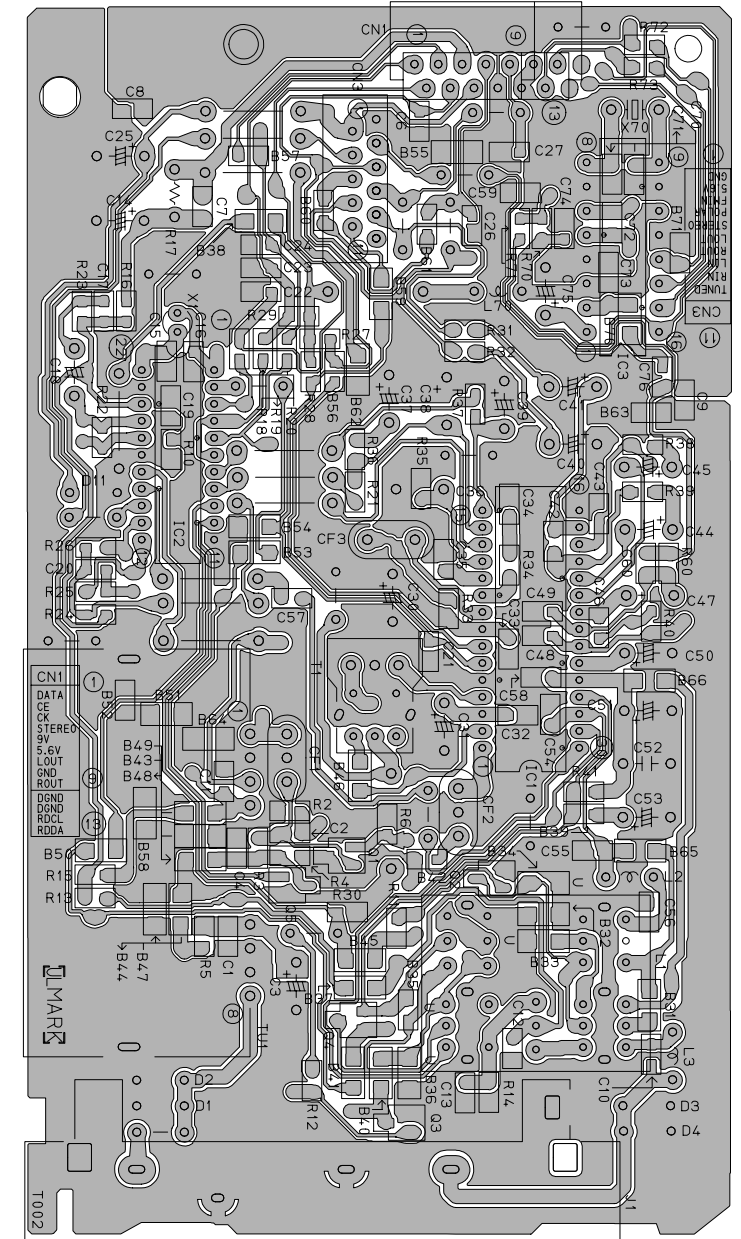
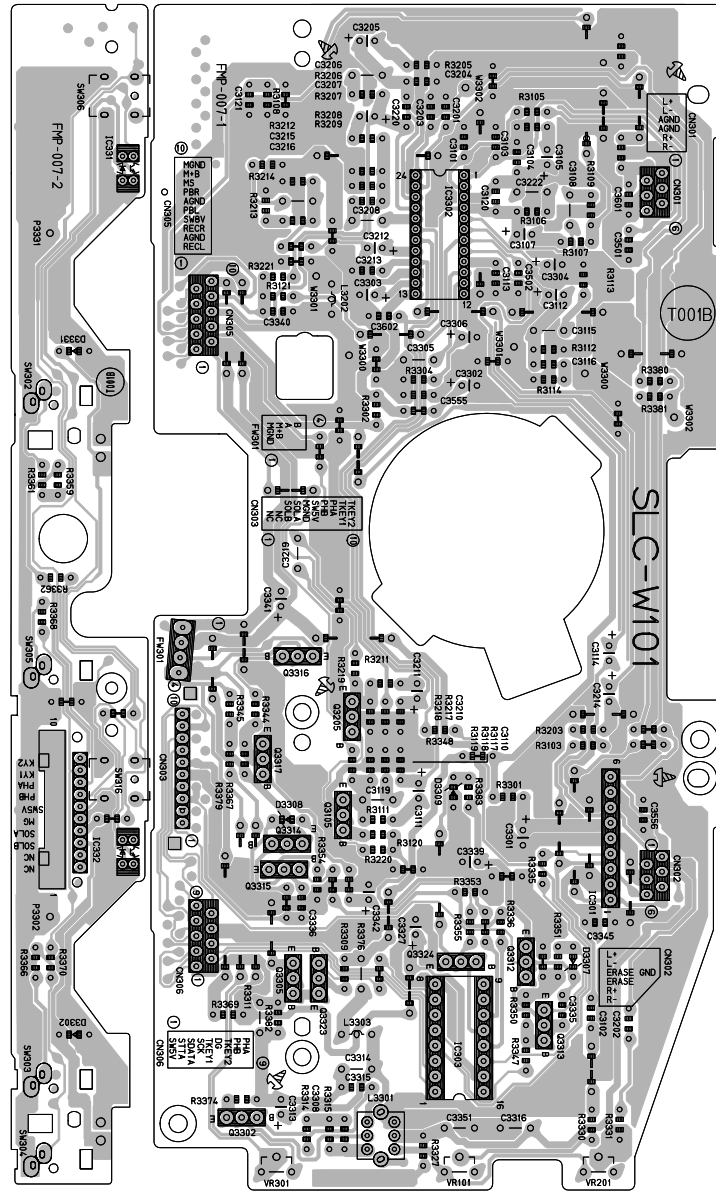
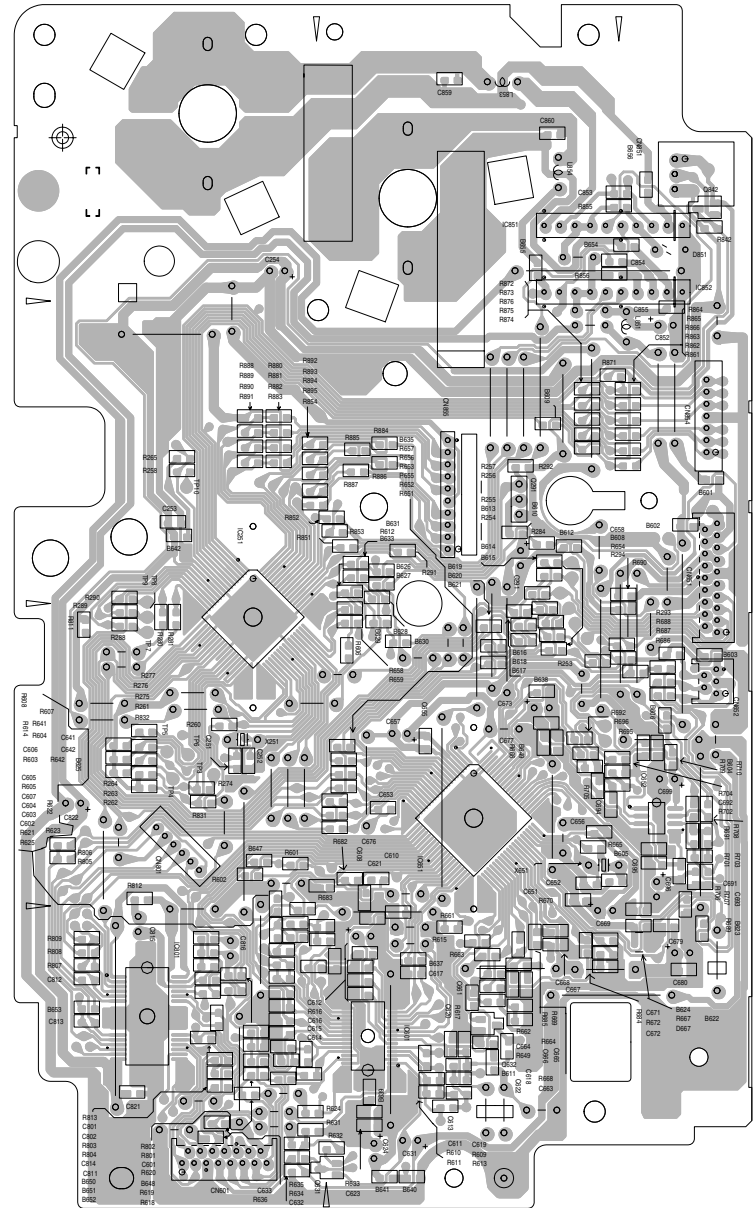
5

4

3

2

1



A

B

C

2-14

D

E

F

G

H