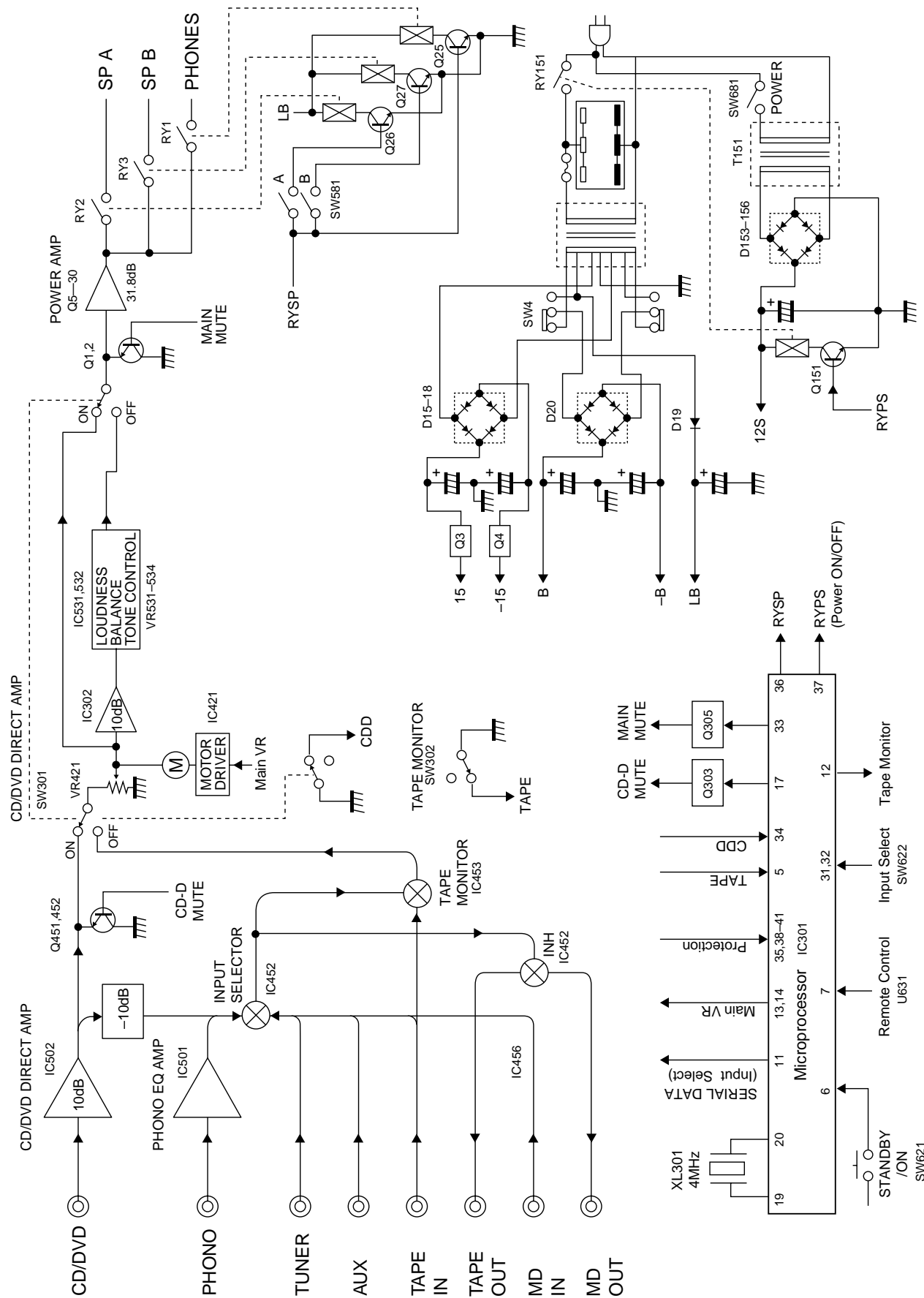


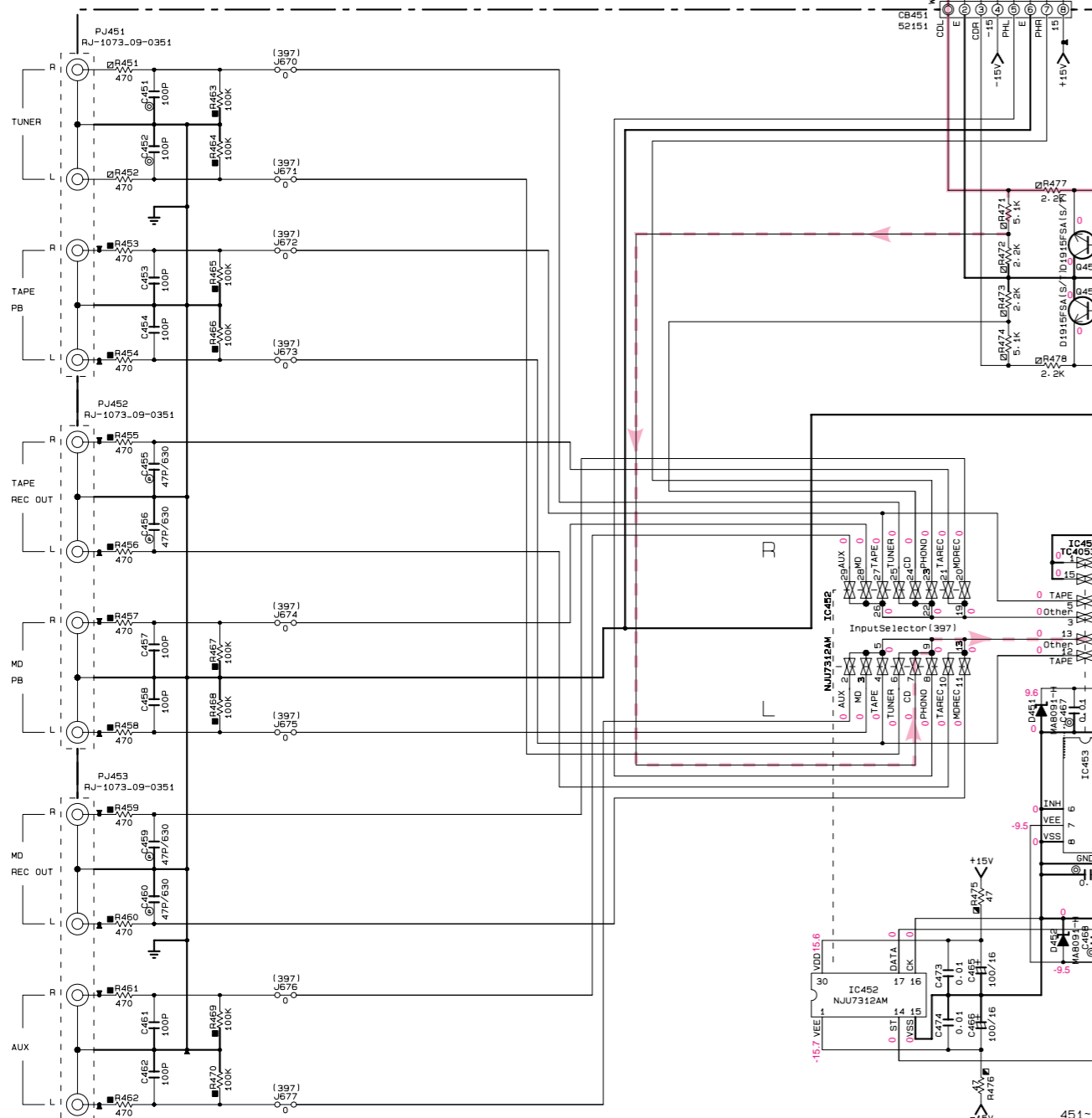
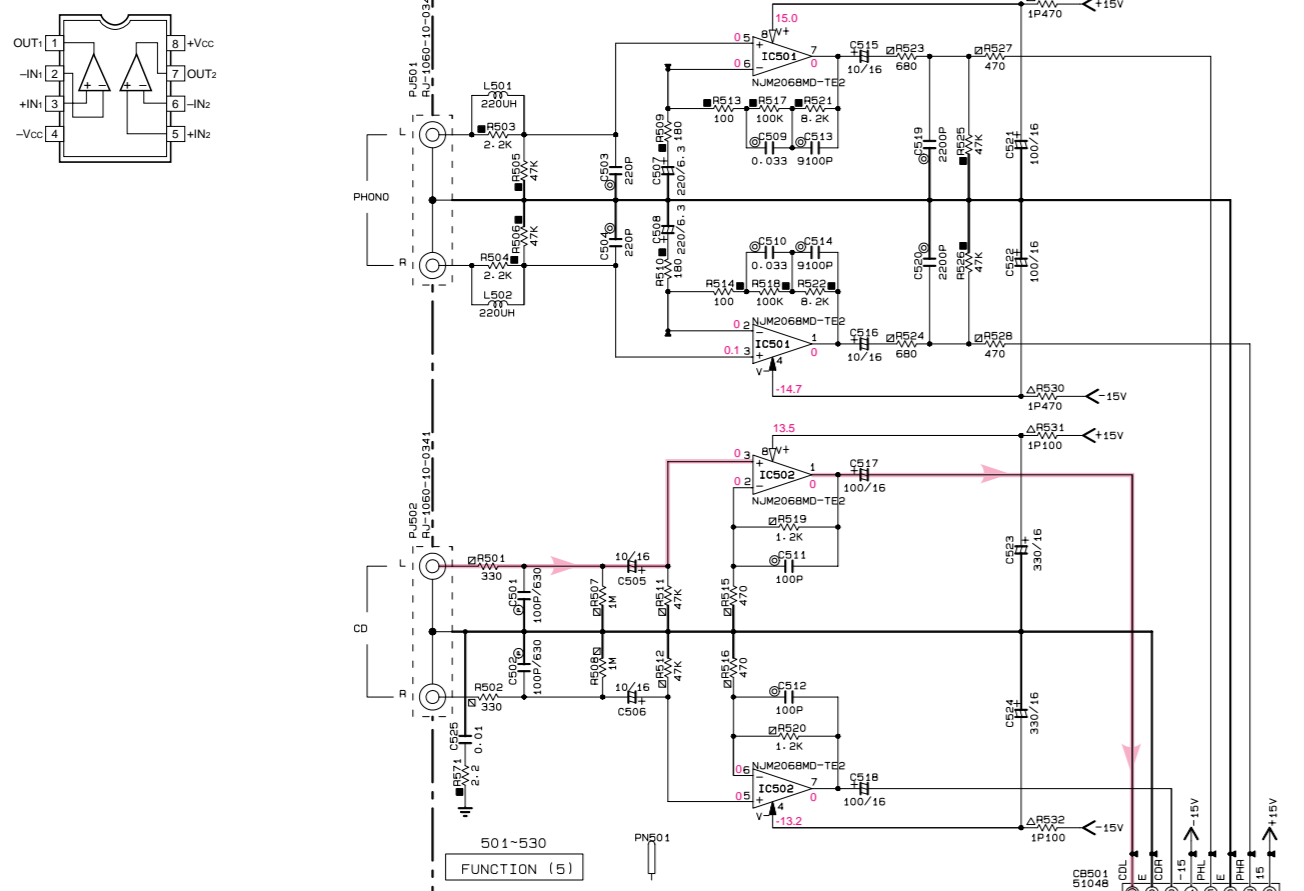
■ BLOCK DIAGRAM



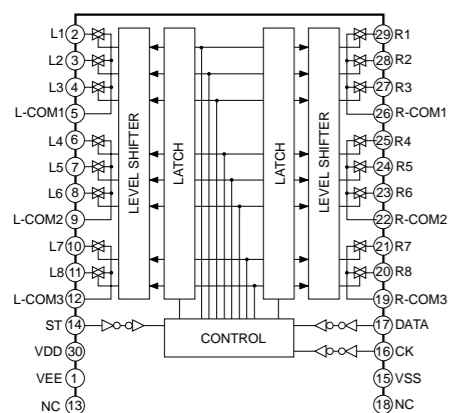
AX-397

SCHEMATIC DIAGRAM (FUNCTION)

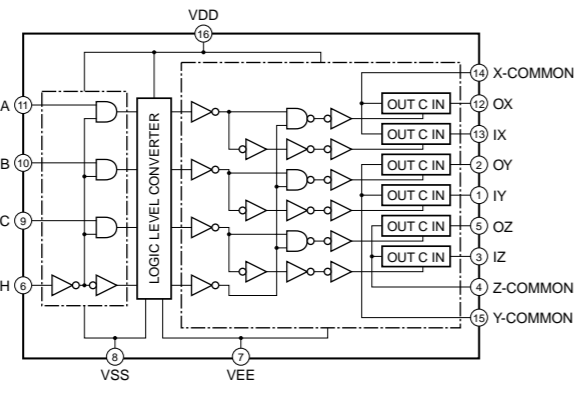
IC302, 501, 502, 531, 532: NJM2068MD-TE Dual OP-Amp



IC452: NJU7312AM Analog Function Switch

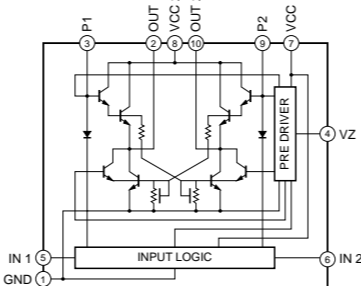


IC453: TC4053BP Triple 2 Channel Analog Multiplexers/Demultiplexers

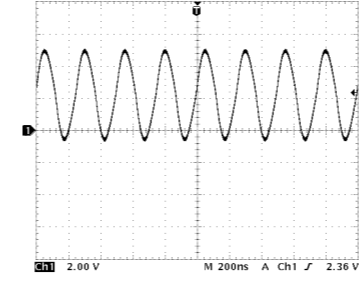


CONTROL INPUTS table with columns for INHIBIT, C, B, A, YOM CHANNEL, and pin numbers. It lists various logic levels (L, H) and their corresponding channel outputs (0X, 1X, TX, 1X, 0X, 1X, 0X, 1X).

IC421: LB1641 Motor Driver



Point ① (Pin 20 of IC301)



Point ② CH 1 : Emitter of Q309 CH 2 : Collector of Q304

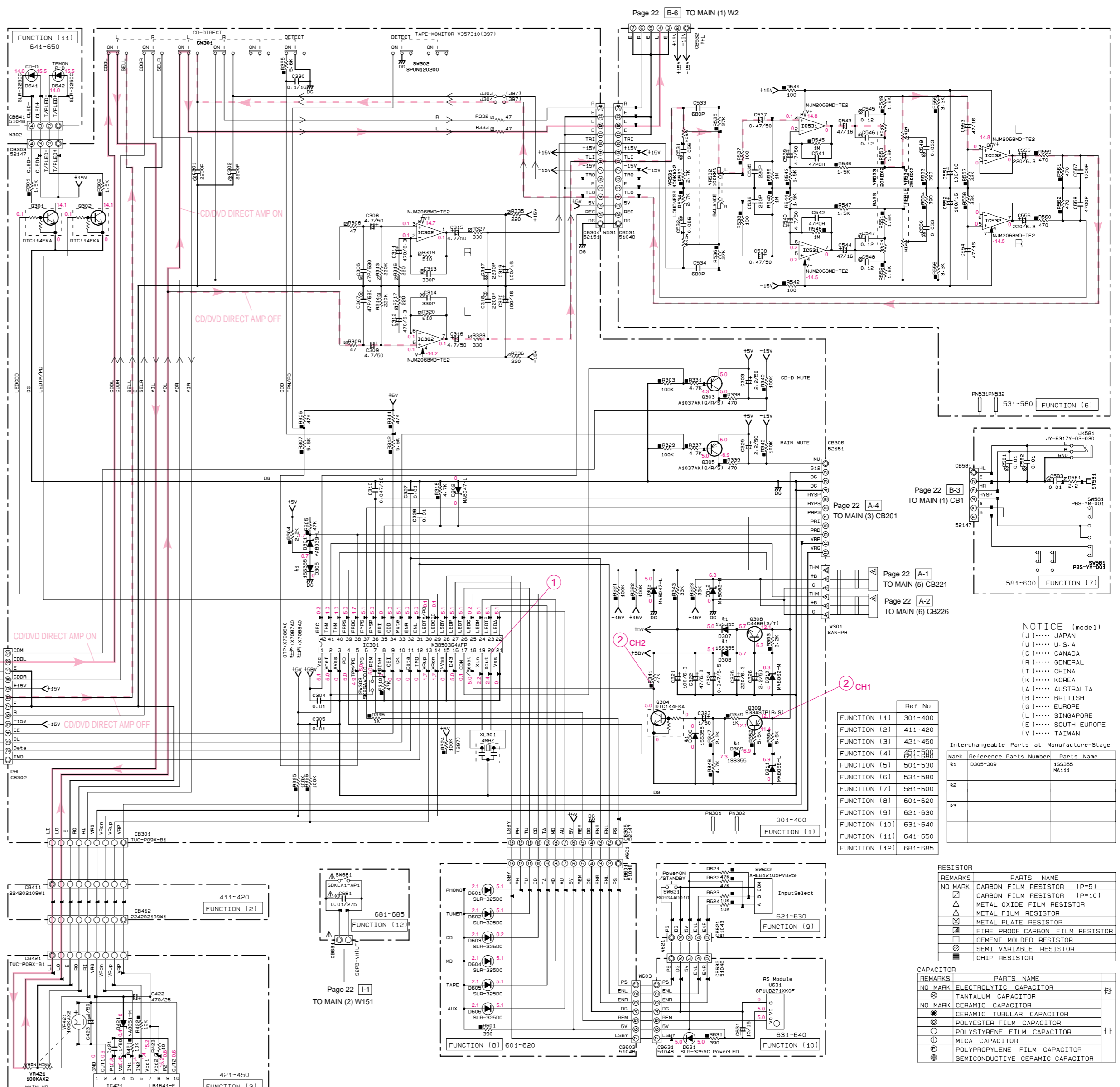
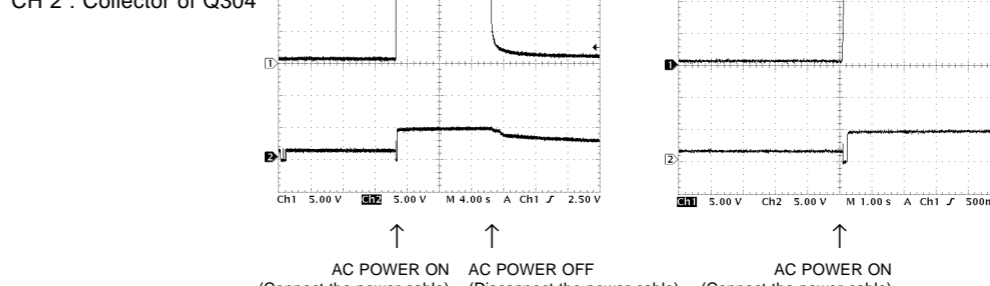


Table with 2 columns: Mark, Reference Parts Number, Parts Name. It lists parts for FUNCTION (1) through (12).

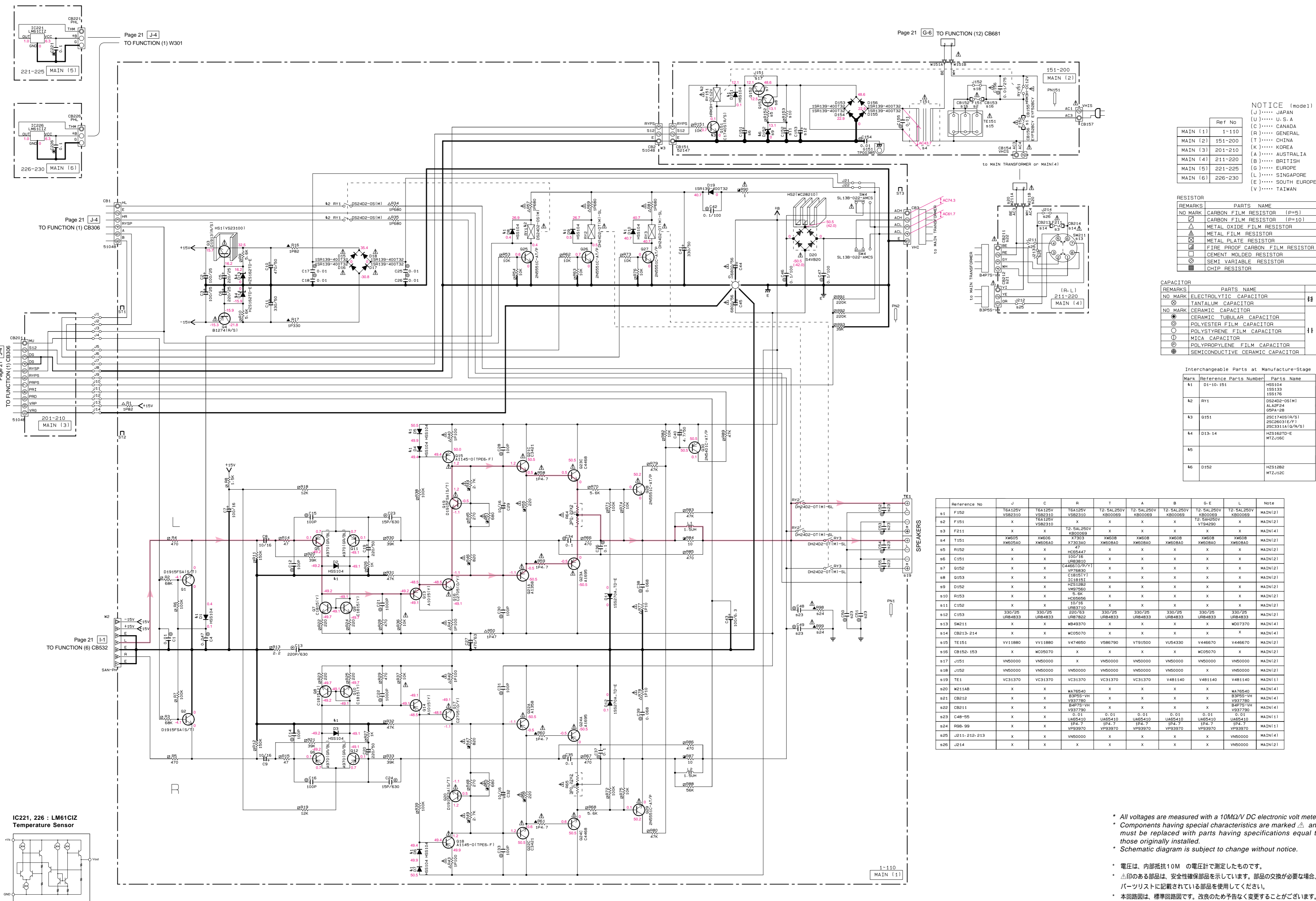
Table with 2 columns: REMARKS, PARTS NAME. It lists various resistor types and their specifications.

Table with 2 columns: REMARKS, PARTS NAME. It lists various capacitor types and their specifications.

NOTICE (mode1) (J)..... JAPAN (U)..... U.S.A. (C)..... CANADA (R)..... GENERAL (T)..... CHINA (K)..... KOREA (A)..... AUSTRALIA (B)..... BRITISH (G)..... EUROPE (L)..... SINGAPORE (E)..... SOUTH EUROPE (V)..... TAIWAN

All voltages are measured with a 10MΩ/V DC electronic volt meter. Components having special characteristics are marked Δ and must be replaced with parts having specifications equal to those originally installed.

■ SCHEMATIC DIAGRAM (MAIN)



NOTICE (mode1)

(J).....	JAPAN
(U).....	U.S.A.
(C).....	CANADA
(R).....	GENERAL
(T).....	CHINA
(K).....	KOREA
(A).....	AUSTRALIA
(B).....	BRITISH
(G).....	EUROPE
(L).....	SINGAPORE
(E).....	SOUTH EUROPE
(V).....	TAIWAN

RESISTOR

REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
□	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
▢	METAL PLATE RESISTOR
▤	FIRE PROOF CARBON FILM RESISTOR
▥	CEMENT MOLDED RESISTOR
▧	SEMI VARIABLE RESISTOR
▨	CHIP RESISTOR

CAPACITOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
⊗	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
⊙	CERAMIC TUBULAR CAPACITOR
⊖	POLYESTER FILM CAPACITOR
○	POLYSTYRENE FILM CAPACITOR
⊕	MICA CAPACITOR
⊗	POLYPROPYLENE FILM CAPACITOR
⊙	SEMICONDUCTIVE CERAMIC CAPACITOR

Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
k1	D1-10-151	H5S104 1S5133 1S5176
k2	RY1	DS24D2-08(M) AL4P34 G5PA-28
k3	D151	2SC1740S(R/S) 2SC266316(P) 2SC3311A(G/R/S)
k4	D13-14	H2S162D-E MTZJ56C
k5		
k6	D152	H2S1382 MTZJ12C

Reference No	J	C	R	T	A	B	G-E	L	Note	
s1	F152	T6A125V VS82310	T6A125V VS82310	T6A125V VS82310	T2-5AL250V KB00069	T2-5AL250V KB00069	T2-5AL250V KB00069	T2-5AL250V KB00069	MAIN(2)	
s2	F151	X	X	X	X	X	X	X	MAIN(2)	
s3	F211	X	X	T2-5AL250V KB00069	X	X	X	X	MAIN(4)	
s4	T151	XW605 XW606A0	XW606 XW606A0	X7303 XW608	XW608 XW608A0	XW608 XW608A0	XW608 XW608A0	XW608 XW608A0	MAIN(2)	
s5	R152	X	X	HC05447 100/15	X	X	X	X	MAIN(2)	
s6	C151	X	X	UR83810 C446E(TP/P)1 VP76830	X	X	X	X	MAIN(2)	
s7	Q152	X	X	C18151(Y) 1C18151	X	X	X	X	MAIN(2)	
s8	Q153	X	X	H2S1282 VM72560	X	X	X	X	MAIN(2)	
s9	D152	X	X	5-6K HC63556	X	X	X	X	MAIN(2)	
s10	R153	X	X	10/15 UR83710	X	X	X	X	MAIN(2)	
s11	C152	X	X	330/25 UR84833	330/25 UR84833	330/25 UR84833	330/25 UR84833	330/25 UR84833	MAIN(2)	
s12	C153	X	X	MB49370	X	X	X	X	MAIN(4)	
s13	SK211	X	X	WC05070	X	X	X	X	MAIN(4)	
s14	CB213-214	X	X	VC05070	X	X	X	X	MAIN(4)	
s15	TE151	VV11880	VV11880	V474650	V586790	VT91500	VU54330	V446670	V446670	MAIN(2)
s16	CB152-153	X	X	WC05070	X	X	X	WC05070	X	MAIN(2)
s17	J151	VN50000	VN50000	X	VN50000	VN50000	VN50000	VN50000	VN50000	MAIN(2)
s18	J152	VN50000	VN50000	VN50000	VN50000	VN50000	VN50000	X	VN50000	MAIN(2)
s19	TE1	VC31370	VC31370	VC31370	VC31370	V481140	V481140	V481140	V481140	MAIN(1)
s20	W211AB	X	X	MA76540	X	X	X	MA76540	MAIN(4)	
s21	CB212	X	X	B3P55-VH V837780	X	X	X	X	B3P55-VH V837780	MAIN(4)
s22	CB211	X	X	B4P75-VH V837780	X	X	X	X	B4P75-VH V837780	MAIN(4)
s23	C48-55	X	X	0-01 UA65410	0-01 UA65410	0-01 UA65410	0-01 UA65410	0-01 UA65410	0-01 UA65410	MAIN(1)
s24	R98-99	X	X	1P4-7 VP93970	1P4-7 VP93970	1P4-7 VP93970	1P4-7 VP93970	1P4-7 VP93970	1P4-7 VP93970	MAIN(1)
s25	J211-212-213	X	X	VN50000	X	X	X	VN50000	MAIN(4)	
s26	J214	X	X	X	X	X	X	X	VN50000	MAIN(2)

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

* 電圧は、内部抵抗10M の電圧計で測定したものです。
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