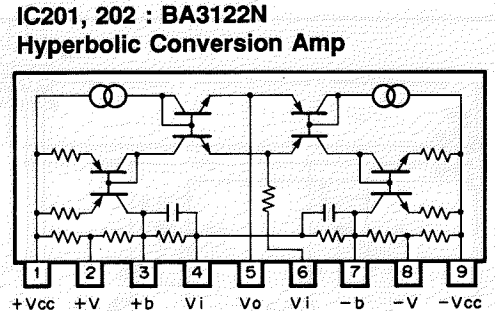
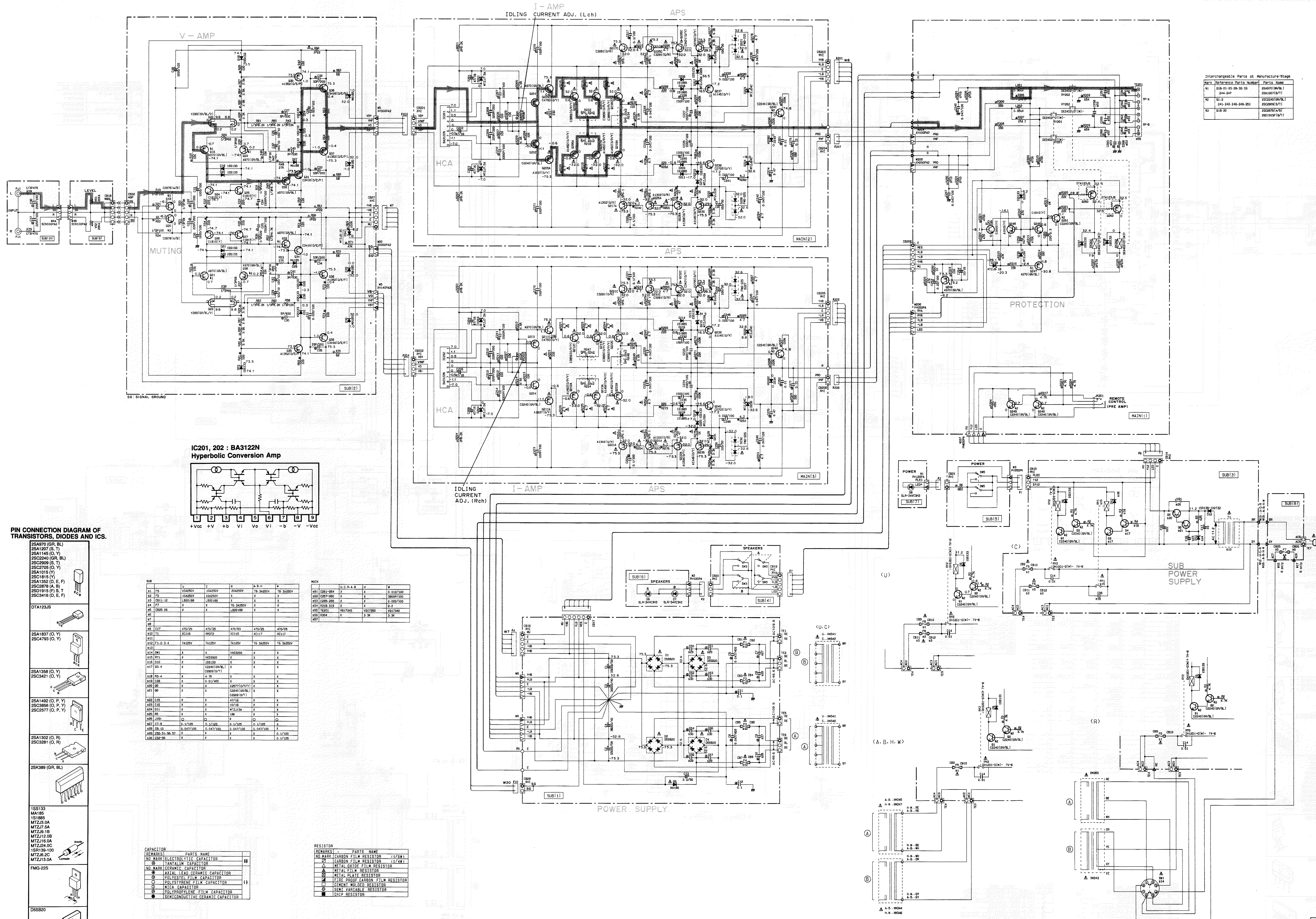


MX-1 SCHEMATIC DIAGRAM

MX-1



PIN CONNECTION DIAGRAM OF TRANSISTORS, DIODES AND ICs.

- 2S4070 (GR, BU)
- 2S41207 (S, T)
- 2S41145 (O, V)
- 2S42240 (GR, BU)
- 2S42909 (S, T)
- 2S42705 (O, V)
- 2S41015 (V)
- 2S41815 (V)
- 2S41352 (D, E, F)
- 2S42678 (A, B)
- 2S41915 (F, S, T)
- 2S43416 (D, E, F)
- DTA123B
- 2S41877 (O, V)
- 2S42793 (O, V)
- 2S41338 (O, V)
- 2S43421 (O, V)
- 2S41482 (O, P, Y)
- 2S43866 (O, P, Y)
- 2S42577 (O, P, Y)
- 2S41302 (O, R)
- 2S43281 (O, R)
- 2S43389 (GR, BU)
- 1S5133
- MA185
- 1S1885
- MTZ23.0A
- MTZ27.5A
- MTZ28.1B
- MTZ212.0B
- MTZ216.0A
- MTZ24.0C
- 1S189-100
- MTZ28.2C
- MTZ213.0A
- FMG-22S
- DS5820
- BA3122N

REF	QTY	U	C	R	W	W	W	W	W
R1	179	2S4250V	2S4250V	FS4250V	TE 34250V	TE 34250V			
R2	78	1S4250V	1S4250V	X	X	X			
R3	12	1S4250V	1S4250V	X	X	X			
R4	7	X	X	TE 34250V	X	X			
R5	1	X	X	1S4250V	X	X			
R6	27								
R7	517	475/25	475/25	475/25	475/25	475/25			
R8	13	1K215	1K215	1K215	1K215	1K215			
R9	132	F1-D-3.4	7A125V	7A125V	7A125V	7A125V			
R10	114	1M1	X	V40250	X	X			
R11	115	1M1	X	V40250	X	X			
R12	116	1M1	X	V40250	X	X			
R13	117	1M1	X	V40250	X	X			
R14	118	1M1	X	V40250	X	X			
R15	119	1M1	X	V40250	X	X			
R16	120	1M1	X	V40250	X	X			
R17	121	1M1	X	V40250	X	X			
R18	122	1M1	X	V40250	X	X			
R19	123	1M1	X	V40250	X	X			
R20	124	1M1	X	V40250	X	X			
R21	125	1M1	X	V40250	X	X			
R22	126	1M1	X	V40250	X	X			
R23	127	1M1	X	V40250	X	X			
R24	128	1M1	X	V40250	X	X			
R25	129	1M1	X	V40250	X	X			
R26	130	1M1	X	V40250	X	X			
R27	131	1M1	X	V40250	X	X			
R28	132	1M1	X	V40250	X	X			
R29	133	1M1	X	V40250	X	X			
R30	134	1M1	X	V40250	X	X			
R31	135	1M1	X	V40250	X	X			
R32	136	1M1	X	V40250	X	X			
R33	137	1M1	X	V40250	X	X			
R34	138	1M1	X	V40250	X	X			
R35	139	1M1	X	V40250	X	X			
R36	140	1M1	X	V40250	X	X			

REF	QTY	U	C	R	W	W	W	W	W
R37	141	1M1	X	V40250	X	X			
R38	142	1M1	X	V40250	X	X			
R39	143	1M1	X	V40250	X	X			
R40	144	1M1	X	V40250	X	X			
R41	145	1M1	X	V40250	X	X			
R42	146	1M1	X	V40250	X	X			
R43	147	1M1	X	V40250	X	X			
R44	148	1M1	X	V40250	X	X			
R45	149	1M1	X	V40250	X	X			
R46	150	1M1	X	V40250	X	X			
R47	151	1M1	X	V40250	X	X			
R48	152	1M1	X	V40250	X	X			
R49	153	1M1	X	V40250	X	X			
R50	154	1M1	X	V40250	X	X			
R51	155	1M1	X	V40250	X	X			
R52	156	1M1	X	V40250	X	X			
R53	157	1M1	X	V40250	X	X			
R54	158	1M1	X	V40250	X	X			
R55	159	1M1	X	V40250	X	X			
R56	160	1M1	X	V40250	X	X			
R57	161	1M1	X	V40250	X	X			
R58	162	1M1	X	V40250	X	X			
R59	163	1M1	X	V40250	X	X			
R60	164	1M1	X	V40250	X	X			
R61	165	1M1	X	V40250	X	X			
R62	166	1M1	X	V40250	X	X			
R63	167	1M1	X	V40250	X	X			
R64	168	1M1	X	V40250	X	X			
R65	169	1M1	X	V40250	X	X			
R66	170	1M1	X	V40250	X	X			
R67	171	1M1	X	V40250	X	X			
R68	172	1M1	X	V40250	X	X			
R69	173	1M1	X	V40250	X	X			
R70	174	1M1	X	V40250	X	X			
R71	175	1M1	X	V40250	X	X			
R72	176	1M1	X	V40250	X	X			
R73	177	1M1	X	V40250	X	X			
R74	178	1M1	X	V40250	X	X			
R75	179	1M1	X	V40250	X	X			
R76	180	1M1	X	V40250	X	X			
R77	181	1M1	X	V40250	X	X			
R78	182	1M1	X	V40250	X	X			
R79	183	1M1	X	V40250	X	X			
R80	184	1M1	X	V40250	X	X			
R81	185	1M1	X	V40250	X	X			
R82	186	1M1	X	V40250	X	X			
R83	187	1M1	X	V40250	X	X			
R84	188	1M1	X	V40250	X	X			
R85	189	1M1	X	V40250	X	X			
R86	190	1M1	X	V40250	X	X			
R87	191	1M1	X	V40250	X	X			
R88	192	1M1	X	V40250	X	X			
R89	193	1M1	X	V40250	X	X			
R90	194	1M1	X	V40250	X	X			
R91	195	1M1	X	V40250	X	X			
R92	196	1M1	X	V40250	X	X			
R93	197	1M1	X	V40250	X	X			
R94	198	1M1	X	V40250	X	X			
R95	199	1M1	X	V40250	X	X			
R96	200	1M1	X	V40250	X	X			
R97	201	1M1	X	V40250	X	X			
R98	202	1M1	X	V40250	X	X			
R99	203	1M1	X	V40250	X	X			
R100	204	1M1	X	V40250	X	X			

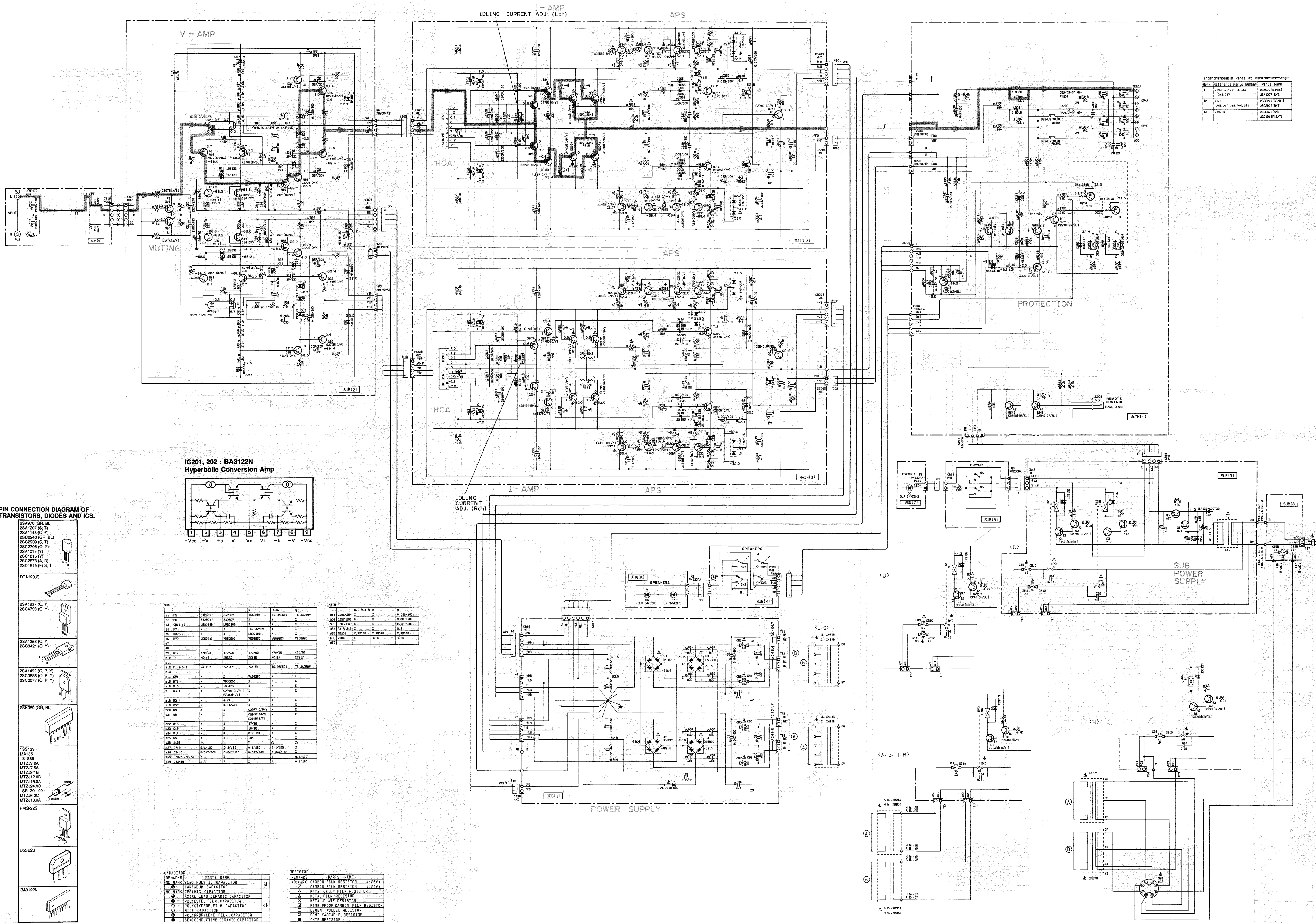
REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
◎	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
◎	AXIAL LEAD CERAMIC CAPACITOR
◎	POLYESTER FILM CAPACITOR
◎	POLYPROPYLENE FILM CAPACITOR
◎	MICA CAPACITOR
◎	SEMICONDUCTIVE CERAMIC CAPACITOR

REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (1/4W)
◎	CARBON FILM RESISTOR (1/4W)
◎	METAL OXIDE FILM RESISTOR
◎	METAL FILM RESISTOR
◎	METAL SLATE RESISTOR
◎	FUSE POWER CARBON FILM RESISTOR
◎	CEMENT WOUND RESISTOR
◎	Semi VARIABLE RESISTOR
◎	TRIM RESISTOR

Part No.	Reference Part Number	Part Name
41	244-247	2S4070(GR, BU)
42	244-247	2S41207(S, T)
43	244-247	2S42240(GR, BU)
44	244-247	2S42909(S, T)
45	244-247	2S42705(O, V)
46	244-247	2S41015(V)
47	244-247	2S41815(V)
48	244-247	2S41352(D, E, F)
49	244-247	2S42678(A, B)
50	244-247	2S41915(F, S, T)
51	244-247	2S43416(D, E, F)

* All voltage are measured with a 10MΩ/V DC electric volt meter.
 * 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.

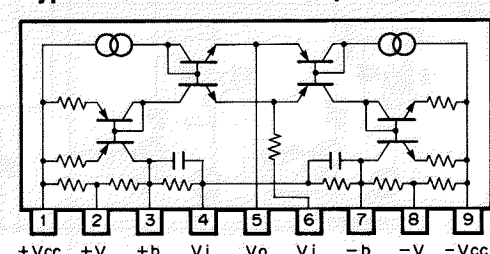
MX-2 SCHEMATIC DIAGRAM



Interchangeable Parts at Manufacturer's Disposal

Part No.	Part Name	Part No.	Part Name
A1	25A1207 (S, T)	25A1207 (S, T)	25A1207 (S, T)
A2	25A1145 (O, Y)	25C2240 (GR, BL)	25C2240 (GR, BL)
A3	25C2909 (S, T)	25C2909 (S, T)	25C2909 (S, T)
A4	25C1915 (Y)	25C1915 (Y)	25C1915 (Y)
A5	25C2878 (A, B)	25C2878 (A, B)	25C2878 (A, B)
A6	25D1915 (F, S, T)	25D1915 (F, S, T)	25D1915 (F, S, T)

IC201, 202 : BA3122N Hyperbolic Conversion Amp



PIN CONNECTION DIAGRAM OF TRANSISTORS, DIODES AND ICs.

- 25A1207 (S, T)
- 25A1145 (O, Y)
- 25C2240 (GR, BL)
- 25C2909 (S, T)
- 25C1915 (Y)
- 25C2878 (A, B)
- 25D1915 (F, S, T)
- DTA123J5
- 25A1837 (O, Y)
- 25C4793 (O, Y)
- 25A1358 (O, Y)
- 25C3421 (O, Y)
- 25A1492 (O, P, Y)
- 25C3856 (O, P, Y)
- 25C2577 (O, P, Y)
- 25K389 (GR, BL)
- 15S133
- M4185
- MT23.0A
- MT27.5A
- MT29.1B
- MT216.0A
- MT224.0C
- 15R130-100
- MT23.0C
- MT213.0A
- FMG-225
- D88B20
- BA3122N

SUB	U	C	A	A-B-H	M
A1	FR	BA209V	BA209V	TL-3429V	TL-3429V
A2	FR	BA209V	BA209V	TL-3429V	TL-3429V
A3	CR11-12	180138P	180138P	S	S
A4	FR	X	TL-3429V	X	X
A5	CR25-23	X	180138P	S	S
A6	FR	V90630	V90630	VE5680	VE5680
A7	FR	X	X	X	X
A8	C17	470J25	470J25	470J25	470J25
A9	C12	2213	2213	2213	2213
A10	FR	7A125V	7A125V	7A125V	7A125V
A11	FR	X	X	X	X
A12	FR	X	X	X	X
A13	FR	X	X	X	X
A14	FR	X	X	X	X
A15	FR	X	X	X	X
A16	FR	X	X	X	X
A17	FR	X	CR20410V/L1	X	X
A18	FR	X	4.7K	X	X
A19	FR	X	0.01/400	X	X
A20	FR	X	X	CR2710V/L1	X
A21	FR	X	X	CR20410V/L1	X
A22	FR	X	X	CR20410V/L1	X
A23	FR	X	X	X	X
A24	FR	X	X	X	X
A25	FR	X	X	X	X
A26	FR	X	X	X	X
A27	FR	X	X	X	X
A28	FR	X	X	X	X
A29	FR	X	X	X	X
A30	FR	X	X	X	X
A31	FR	X	X	X	X
A32	FR	X	X	X	X
A33	FR	X	X	X	X
A34	FR	X	X	X	X
A35	FR	X	X	X	X
A36	FR	X	X	X	X
A37	FR	X	X	X	X
A38	FR	X	X	X	X
A39	FR	X	X	X	X
A40	FR	X	X	X	X
A41	FR	X	X	X	X
A42	FR	X	X	X	X
A43	FR	X	X	X	X
A44	FR	X	X	X	X
A45	FR	X	X	X	X
A46	FR	X	X	X	X
A47	FR	X	X	X	X
A48	FR	X	X	X	X
A49	FR	X	X	X	X
A50	FR	X	X	X	X
A51	FR	X	X	X	X
A52	FR	X	X	X	X
A53	FR	X	X	X	X
A54	FR	X	X	X	X
A55	FR	X	X	X	X
A56	FR	X	X	X	X
A57	FR	X	X	X	X
A58	FR	X	X	X	X
A59	FR	X	X	X	X
A60	FR	X	X	X	X
A61	FR	X	X	X	X
A62	FR	X	X	X	X
A63	FR	X	X	X	X
A64	FR	X	X	X	X
A65	FR	X	X	X	X
A66	FR	X	X	X	X
A67	FR	X	X	X	X
A68	FR	X	X	X	X
A69	FR	X	X	X	X
A70	FR	X	X	X	X
A71	FR	X	X	X	X
A72	FR	X	X	X	X
A73	FR	X	X	X	X
A74	FR	X	X	X	X
A75	FR	X	X	X	X
A76	FR	X	X	X	X
A77	FR	X	X	X	X
A78	FR	X	X	X	X
A79	FR	X	X	X	X
A80	FR	X	X	X	X
A81	FR	X	X	X	X
A82	FR	X	X	X	X
A83	FR	X	X	X	X
A84	FR	X	X	X	X
A85	FR	X	X	X	X
A86	FR	X	X	X	X
A87	FR	X	X	X	X
A88	FR	X	X	X	X
A89	FR	X	X	X	X
A90	FR	X	X	X	X
A91	FR	X	X	X	X
A92	FR	X	X	X	X
A93	FR	X	X	X	X
A94	FR	X	X	X	X
A95	FR	X	X	X	X
A96	FR	X	X	X	X
A97	FR	X	X	X	X
A98	FR	X	X	X	X
A99	FR	X	X	X	X
A100	FR	X	X	X	X

MARK	U.S.A.S	H	M
M1	CR1-254	X	0.25/100
M2	CR2-300	X	0.30/100
M3	CR3-300	X	0.30/100
M4	FR100	X	1/4
M5	FR100	X	1/4
M6	FR100	X	1/4
M7	FR100	X	1/4

REMARKS	PARTS NAME	REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR	NO MARK	CARBON FILM RESISTOR (1/4W)
NO MARK	TANTALUM CAPACITOR	NO MARK	CARBON FILM RESISTOR (1/4W)
NO MARK	CERAMIC CAPACITOR	NO MARK	METAL GLAZE FILM RESISTOR
NO MARK	LEAD CERAMIC CAPACITOR	NO MARK	METAL FILM RESISTOR
NO MARK	POLYESTER FILM CAPACITOR	NO MARK	METAL PLATE RESISTOR
NO MARK	POLYPROPYLENE FILM CAPACITOR	NO MARK	FIRE-PROOF CARBON FILM RESISTOR
NO MARK	MICA CAPACITOR	NO MARK	CEMENT MOUNTED RESISTOR
NO MARK	SEMICONDUCTIVE CERAMIC CAPACITOR	NO MARK	SLIM VARIABLE RESISTOR
		NO MARK	IC/CP RESISTOR

All voltage are measured with a 10MΩ/V DC electric volt meter.
 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.