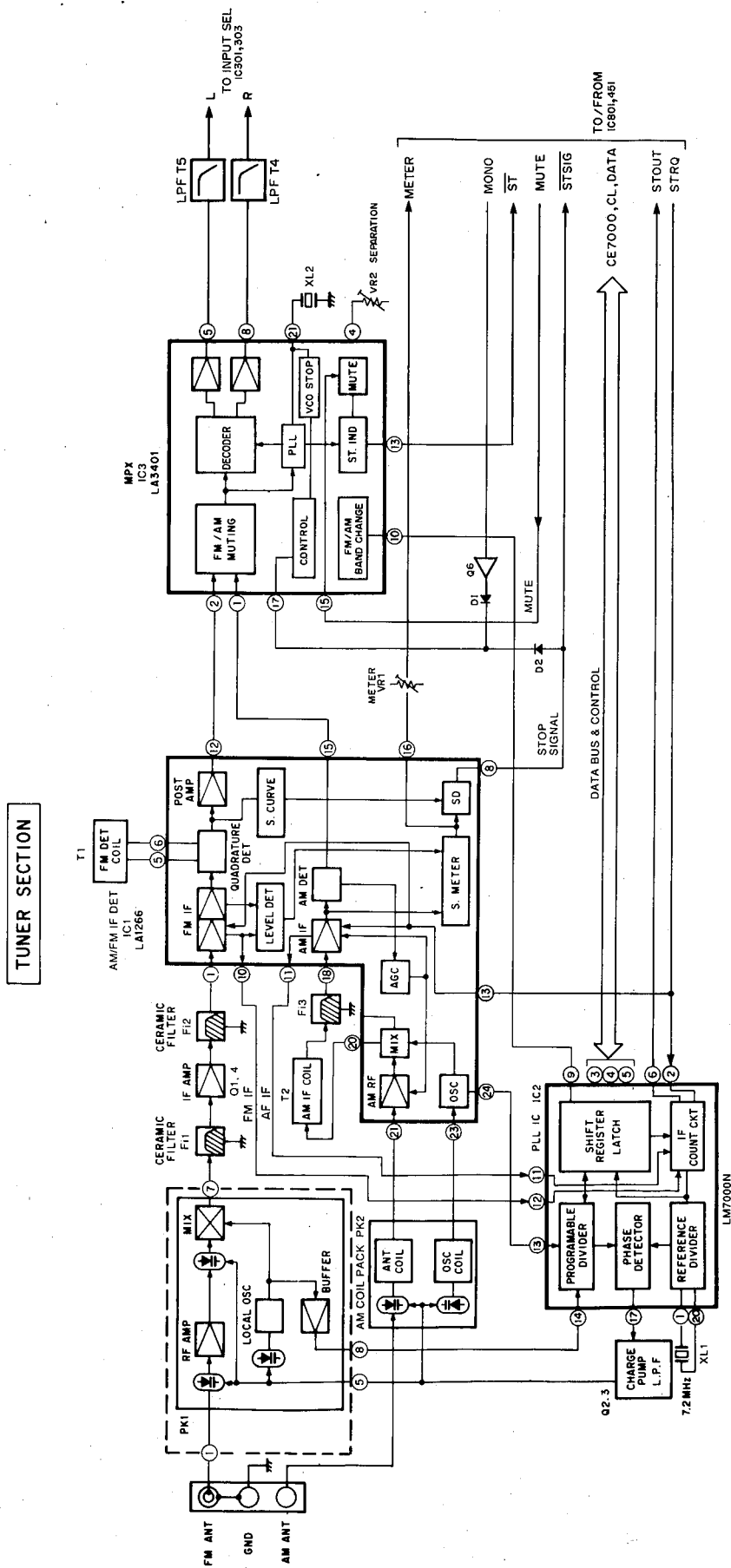
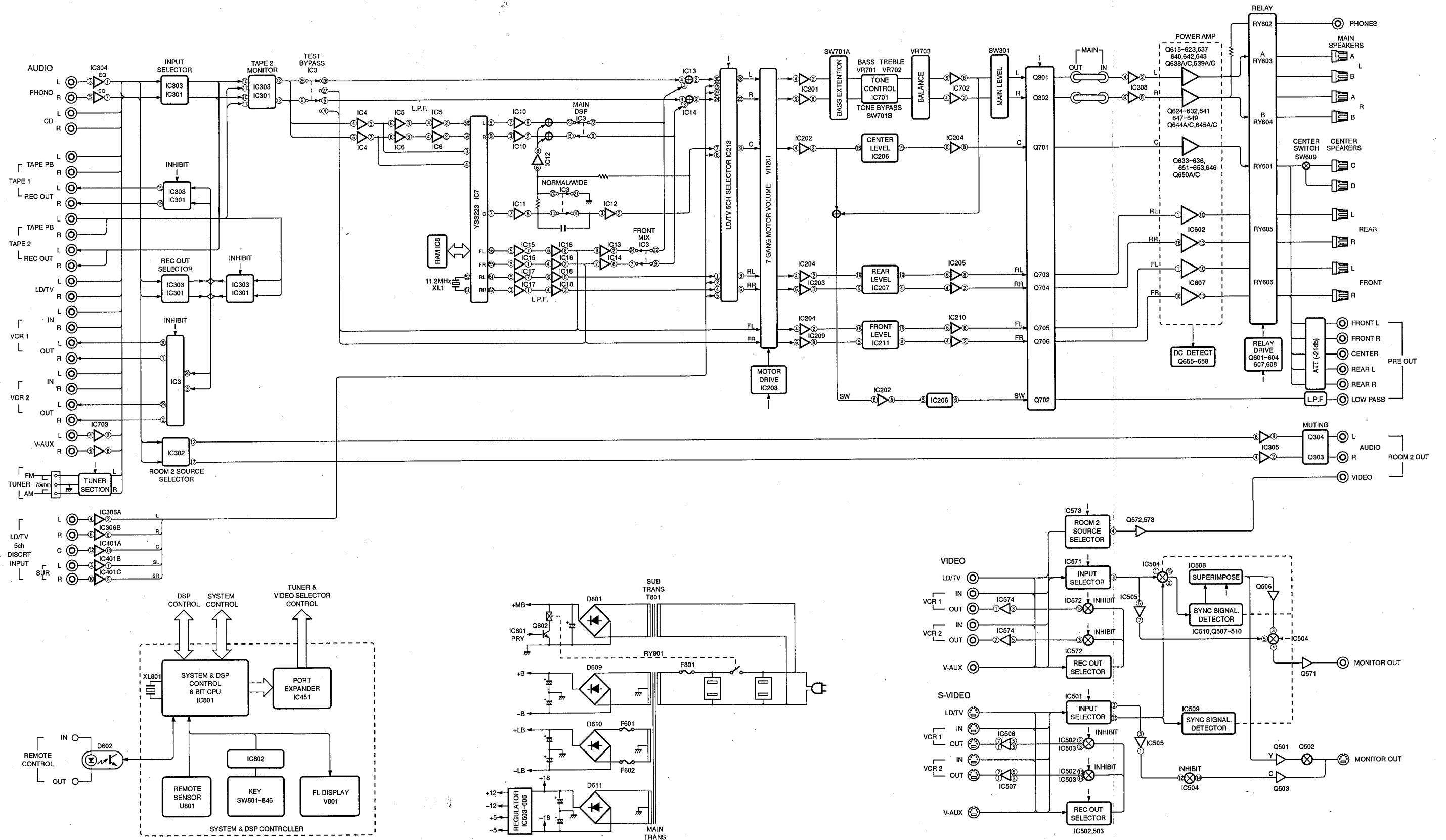


■ BLOCK DIAGRAM

RX-V2090



■ BLOCK DIAGRAM



SCHEMATIC DIAGRAM (TUNER & OPERATION)

①, ④ and ⑤: TEST POINT WAVEFORMS (See page 24)

Each voltage given here represents that in the FM (98.1MHz, STEREO) reception mode but the one in the parentheses () is that in the AM (1080kHz, MAN'L) reception mode.

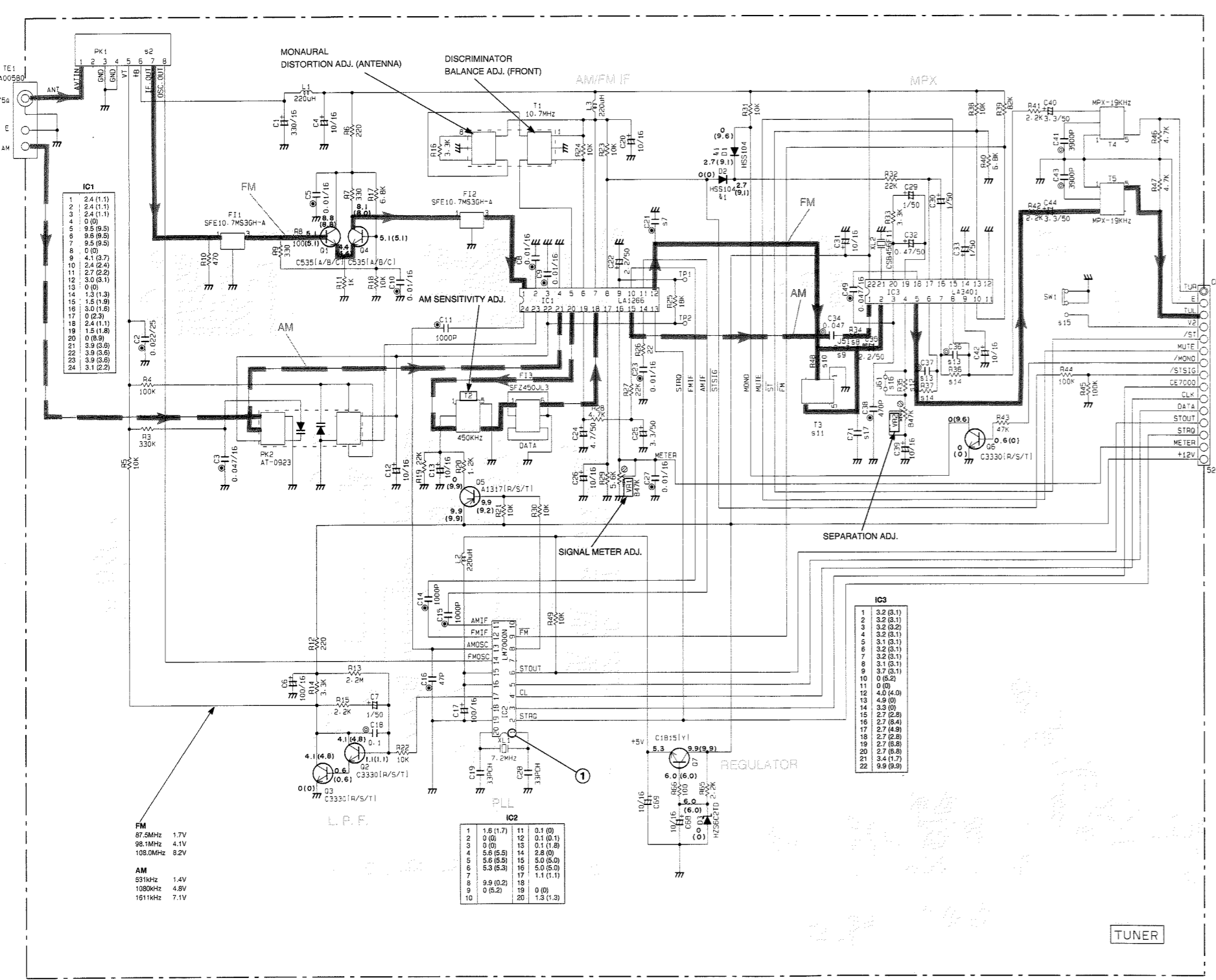
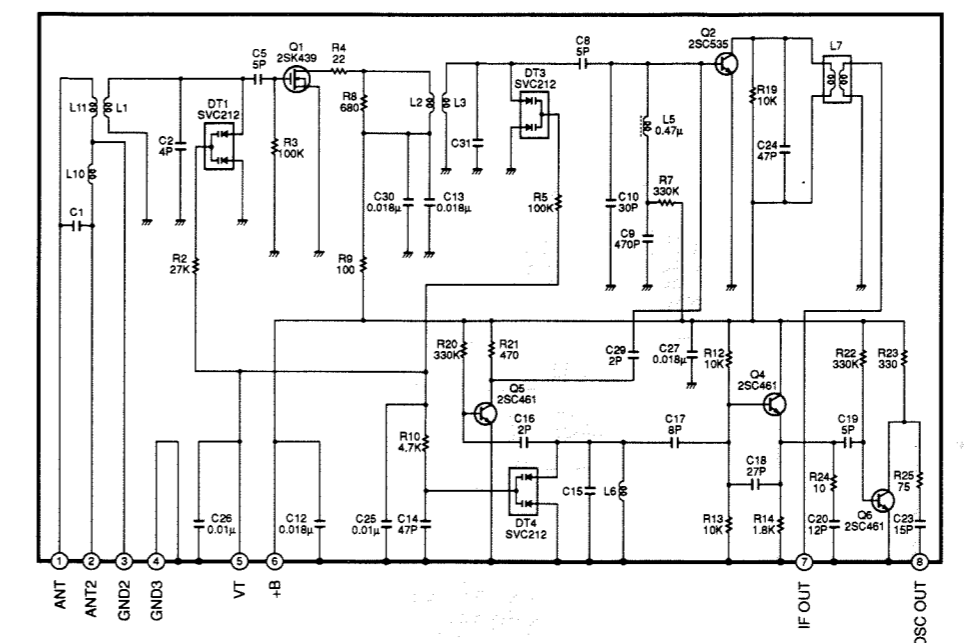


Table with 5 columns: U-C, R, A-B, S, and a list of part numbers (e.g., V92420, V92420, V92420, V92420).

Interchangeable Parts at Manufacture Stage table with columns: Name, Reference Parts Number, Parts Name.

Except G model PK1 : ENV-17298GI (VR242200)



G model PK1 : ENV-17297GI (VQ987600)

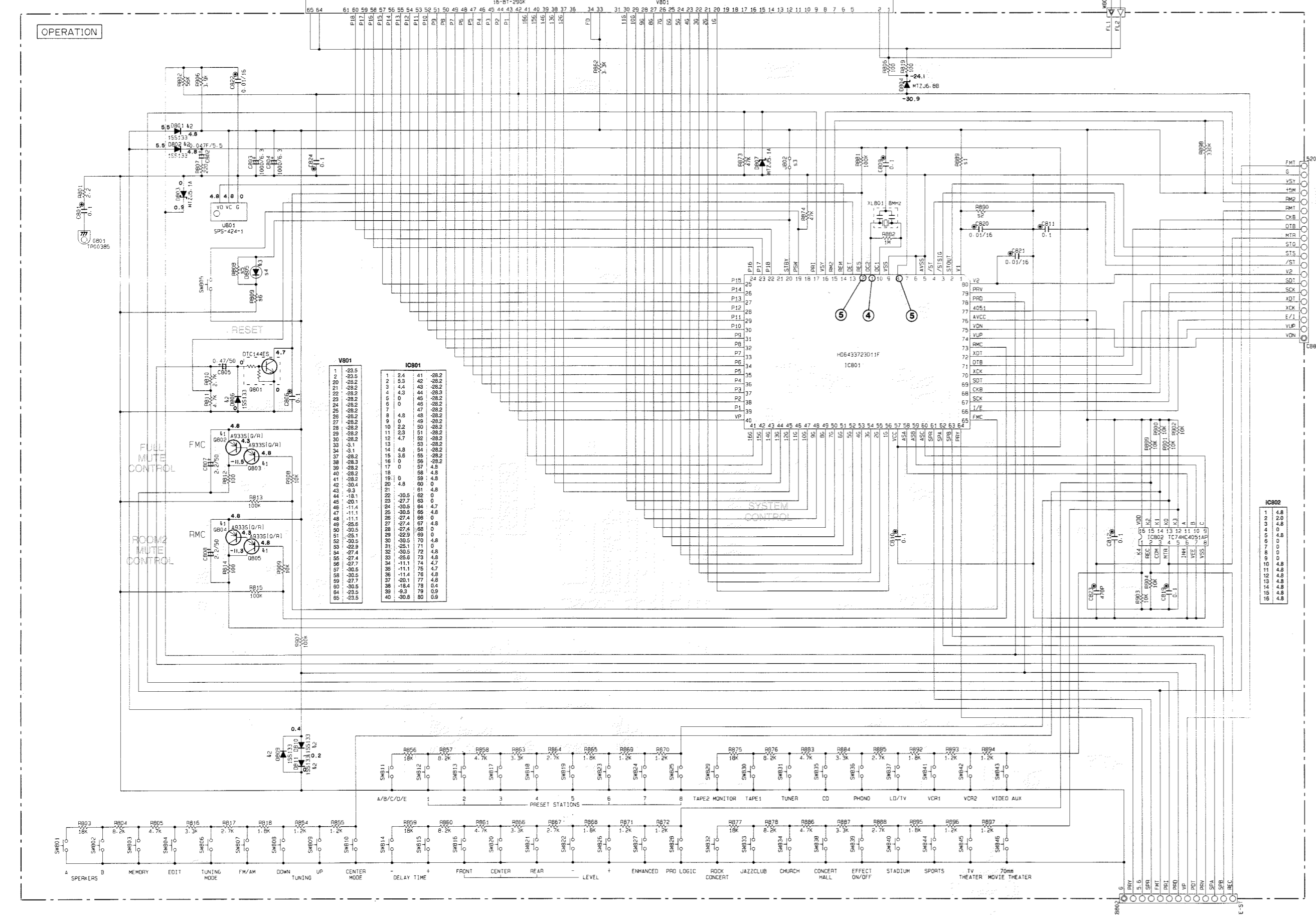
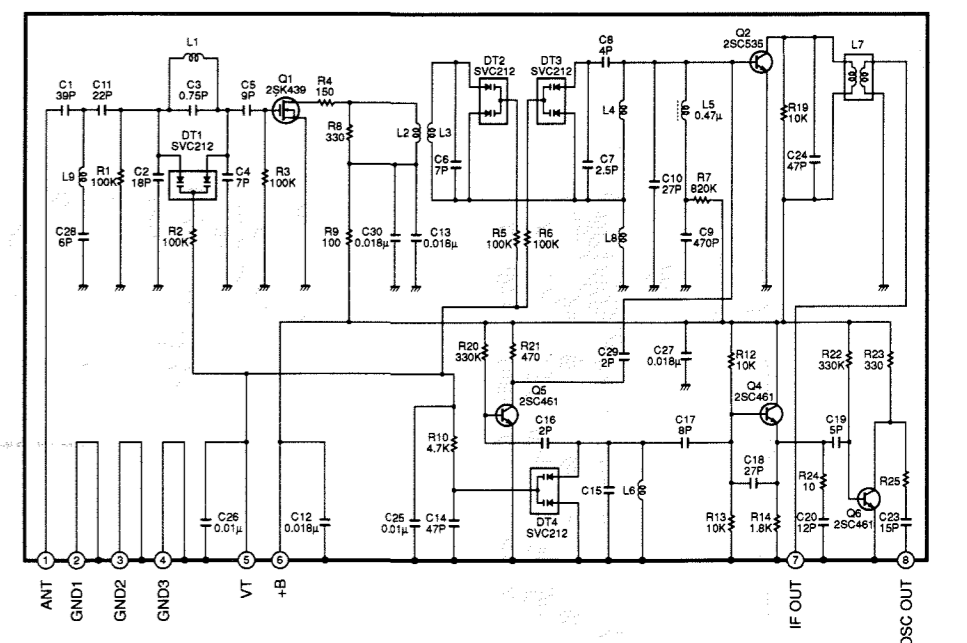


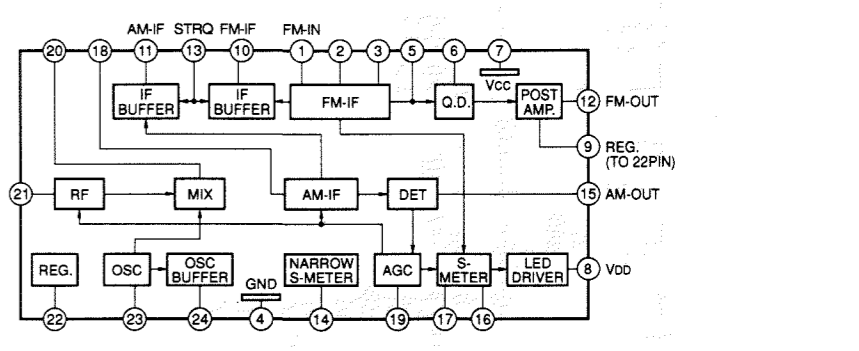
Table listing capacitor types: NO MARK ELECTROLYTIC CAPACITOR, NO MARK CERAMIC CAPACITOR, etc.

Table listing resistor types: NO MARK CARBON FILM RESISTOR (P=1), CARBON FILM RESISTOR (P=10), etc.

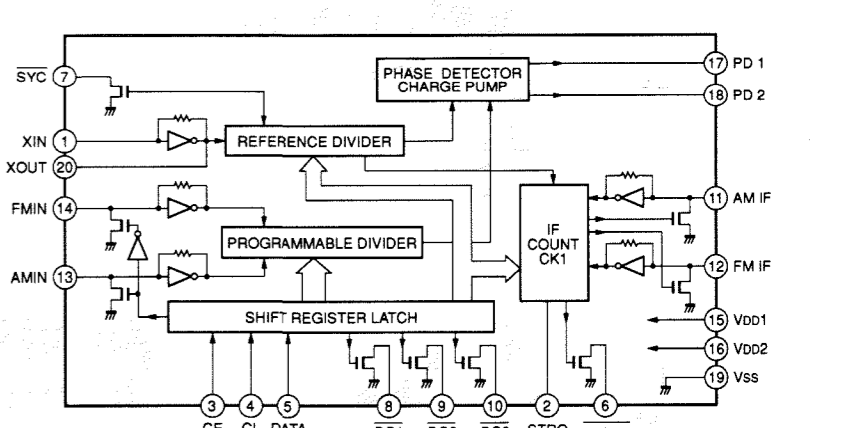
Interchangeable Parts at Manufacture Stage table for the operation section.

Table listing capacitor models: 1 2000, 1 2000, 1 2000, etc.

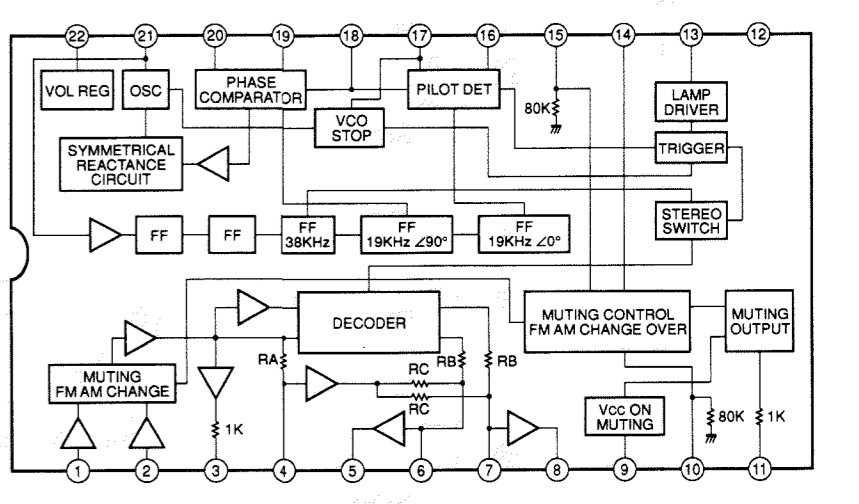
IC1 : LA1266 AM/FM IF



IC2 : LM7000N PLL Controller



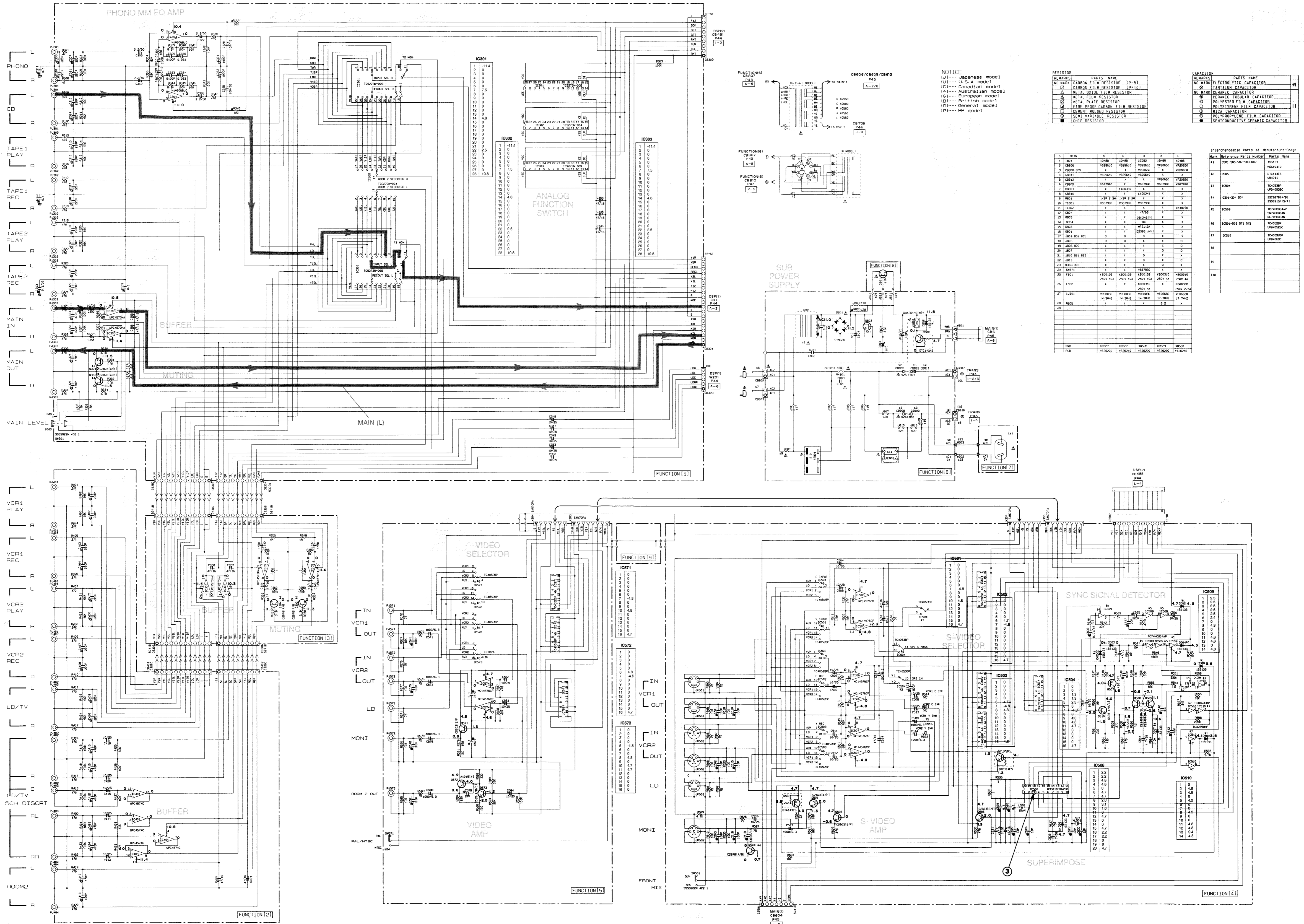
IC3 : LA3401 MPX



All voltages are measured with a 10MΩ/DC electric volt meter. Components having special characteristics are marked with a triangle and must be replaced with parts having specifications equal to those originally installed. Schematic diagram is subject to change without notice.

■ SCHEMATIC DIAGRAM (FUNCTION)

③ : TEST POINT WAVEFORMS (See page 24)



NOTICE
 (J)..... Japanese mode)
 (U)..... U.S.A mode)
 (C)..... Canadian mode)
 (A)..... Australian mode)
 (G)..... European mode)
 (B)..... British mode)
 (E)..... General mode)
 (P)..... PSP mode)

RESISTOR	REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)	10000
Ω	RESISTOR (P=10)	10000
△	METAL GLAZE FILM RESISTOR	10000
■	METAL FILM RESISTOR	10000
□	METAL GLAZE RESISTOR	10000
○	FIBRE PROF. CARBON FILM RESISTOR	10000
◇	TEMP. COEFF. RESISTOR	10000
●	SEM. VARIABLE RESISTOR	10000
○	CHIP RESISTOR	10000

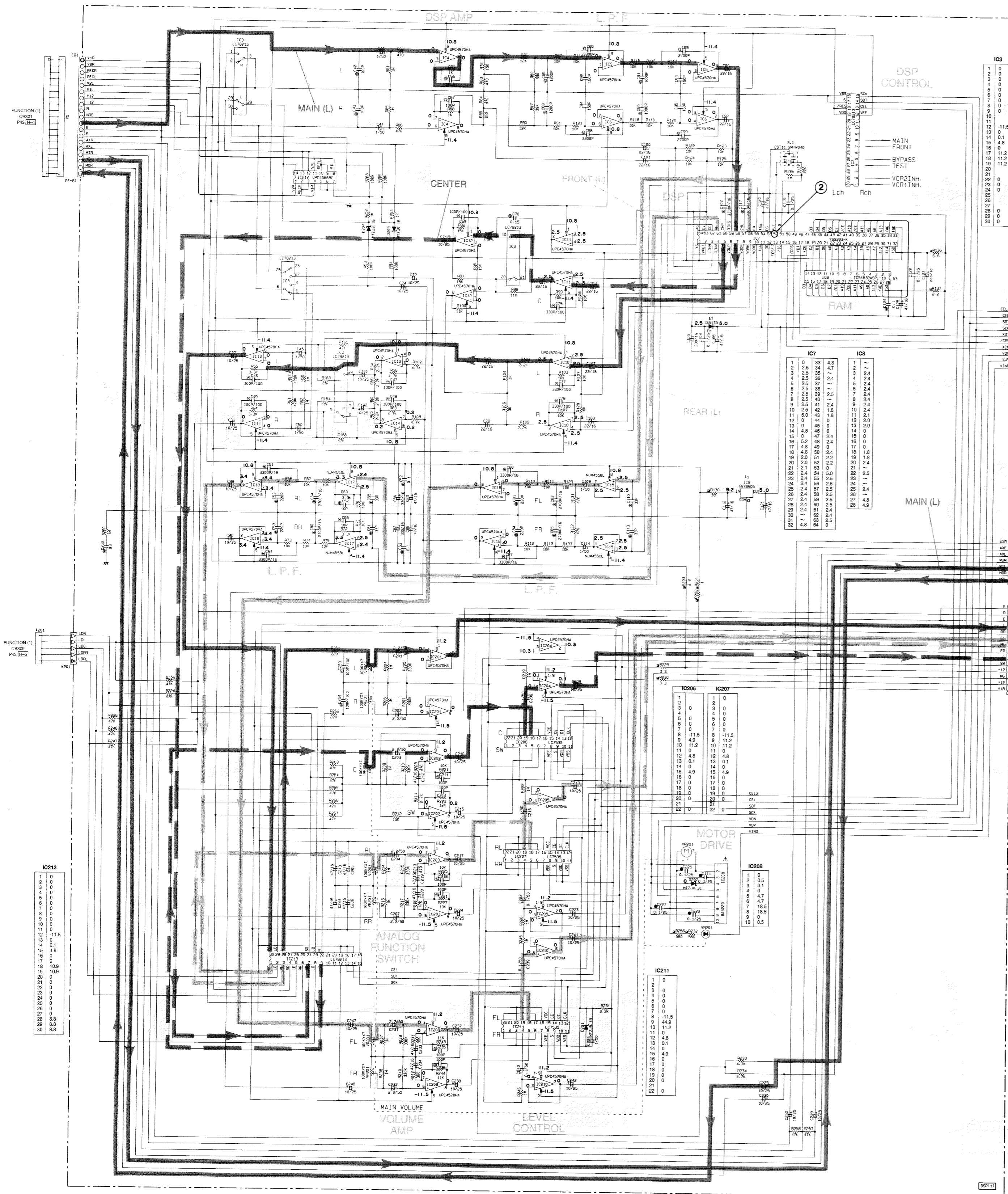
CAPACITOR	REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR	10000
○	TANTALUM CAPACITOR	10000
△	METAL GLAZE CERAMIC CAPACITOR	10000
■	CERAMIC 1000P/M CAPACITOR	10000
□	POLYESTER FILM CAPACITOR	10000
◇	POLYSTYRENE FILM CAPACITOR	10000
○	MICA CAPACITOR	10000
●	POLYPROPYLENE FILM CAPACITOR	10000
○	SEMICONDUCTIVE CERAMIC CAPACITOR	10000

Interchangeable Parts at Manufacture-Stage	Part No.	Reference No.	Part Name
1	10000	10000	10000
2	10000	10000	10000
3	10000	10000	10000
4	10000	10000	10000
5	10000	10000	10000
6	10000	10000	10000
7	10000	10000	10000
8	10000	10000	10000
9	10000	10000	10000
10	10000	10000	10000
11	10000	10000	10000
12	10000	10000	10000
13	10000	10000	10000
14	10000	10000	10000
15	10000	10000	10000
16	10000	10000	10000
17	10000	10000	10000
18	10000	10000	10000
19	10000	10000	10000
20	10000	10000	10000
21	10000	10000	10000
22	10000	10000	10000
23	10000	10000	10000
24	10000	10000	10000
25	10000	10000	10000
26	10000	10000	10000
27	10000	10000	10000
28	10000	10000	10000
29	10000	10000	10000

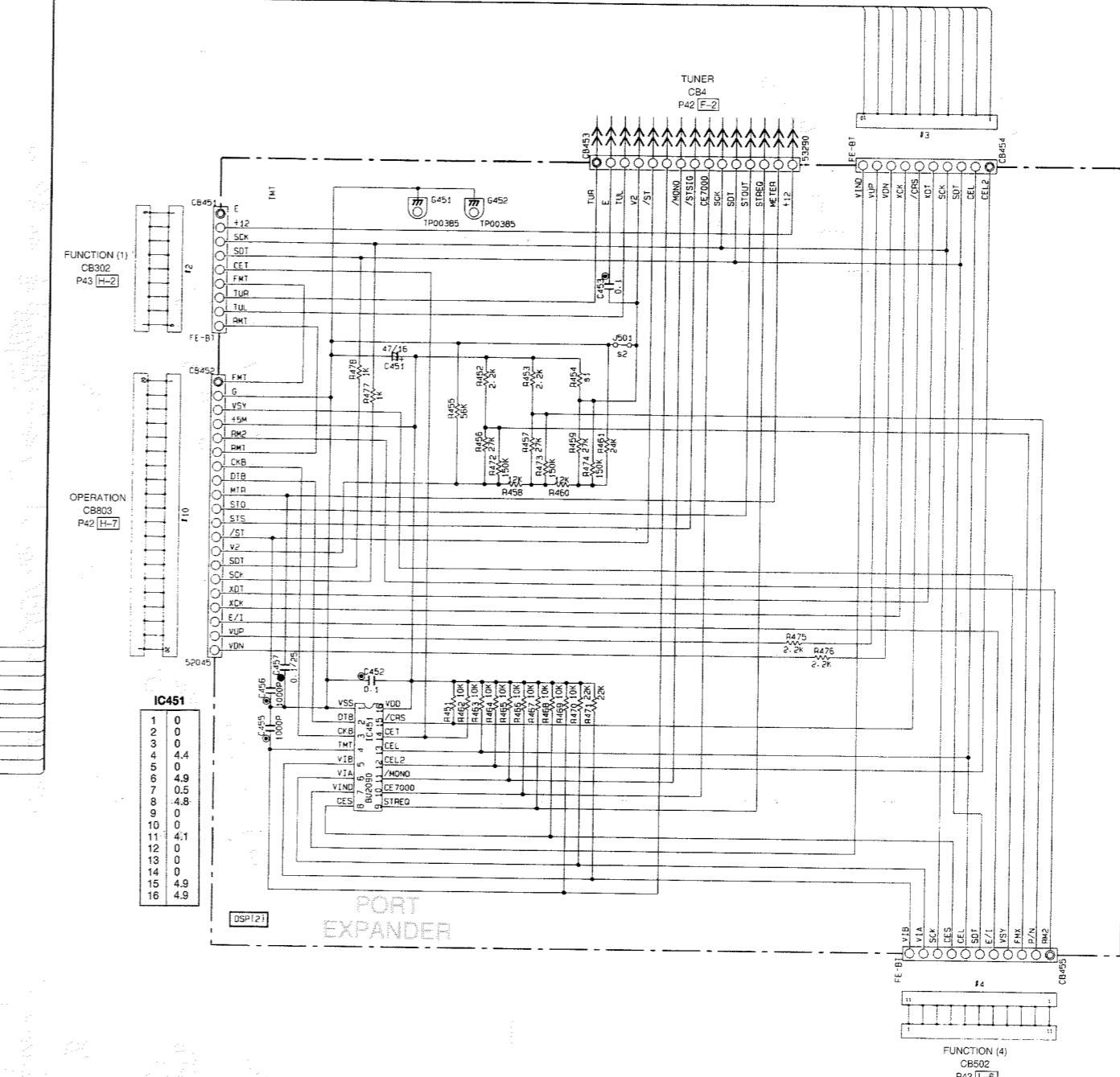
* All voltage are measured with a 10MΩ/DC electric volt meter.
 * Components having special characteristics are marked △ and must be replaced with parts having specifications equal to those originally installed.
 * Schematic diagram is subject to change without notice.

SCHEMATIC DIAGRAM (DSP)

② : TEST POINT WAVEFORMS (See page 24)

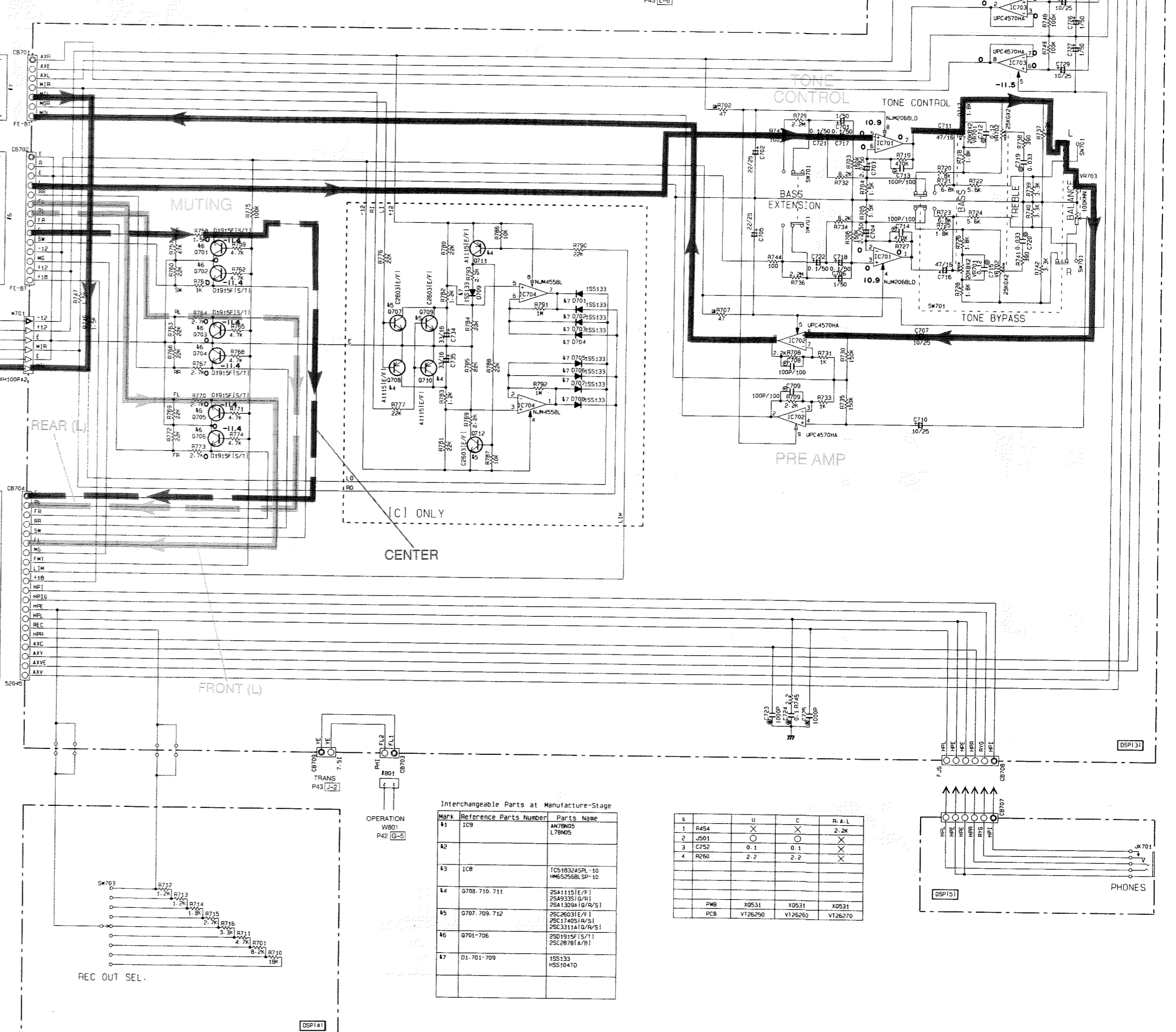
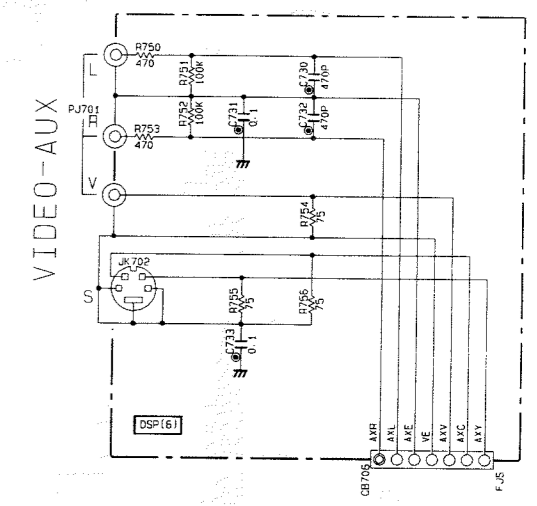


REMARKS	PARTS NAME	REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P-15)	NO MARK	ELECTROLYTIC CAPACITOR
⊖	CARBON FILM RESISTOR (P-10)	⊖	ELECTROLYTIC CAPACITOR
△	METAL OXIDE FILM RESISTOR	△	CERAMIC CAPACITOR
■	METAL FILM RESISTOR	■	CERAMIC TUBULAR CAPACITOR
□	METAL PLATE RESISTOR	○	POLYESTER FILM CAPACITOR
◇	FIRE PROOF CARBON FILM RESISTOR	○	POLYSTYRENE FILM CAPACITOR
⊕	CEMENT MOUNTED RESISTOR	○	ALUMINA CAPACITOR
⊙	WIRE WOUND RESISTOR	○	POLYPROPYLENE FILM CAPACITOR
⊚	TRIMMABLE RESISTOR	●	SEMICONDUCTIVE CERAMIC CAPACITOR



CASE	IC301,303 (*)	IC3 (L/R)	IC3 (NOISE DOLBY L/R)	IC3 (FRONT)	IC3 (FRONT)
TAPE MONITOR OFF	ON	11, 12	25, 26	22, 23	22, 24
TAPE MONITOR ON	OFF	ON	OFF	OFF	10, 11
EFFECT OFF	---	---	---	---	---
HIFI DSP PROGRAM (2)	---	ON	OFF	OFF	---
CINEMA DSP PROGRAM (3)	---	ON	OFF	ON/OFF (4)	---
DOLBY PRO LOGIC	---	---	OFF	OFF	OFF (4)
CENTER MODE NORMAL	---	---	---	ON	---
CENTER MODE WIDE	---	---	---	---	OFF
TEST DOLBY	OFF	OFF	OFF	ON	ON
TEST DSP	OFF	OFF	OFF	OFF	ON + OFF
DIAG. No.2 (FRONT CHECK)	---	OFF	ON	OFF	ON

(1) : P-3 FUNCTION (1)
 (2) : CONCERT HALL/CHURCH/JAZZ CLUB/ROCK CONCERT/STADIUM
 (3) : SPORTS/TV THEATER/70mm MOVIE THEATER/ENHANCED
 (4) : FRONT MIX OFF



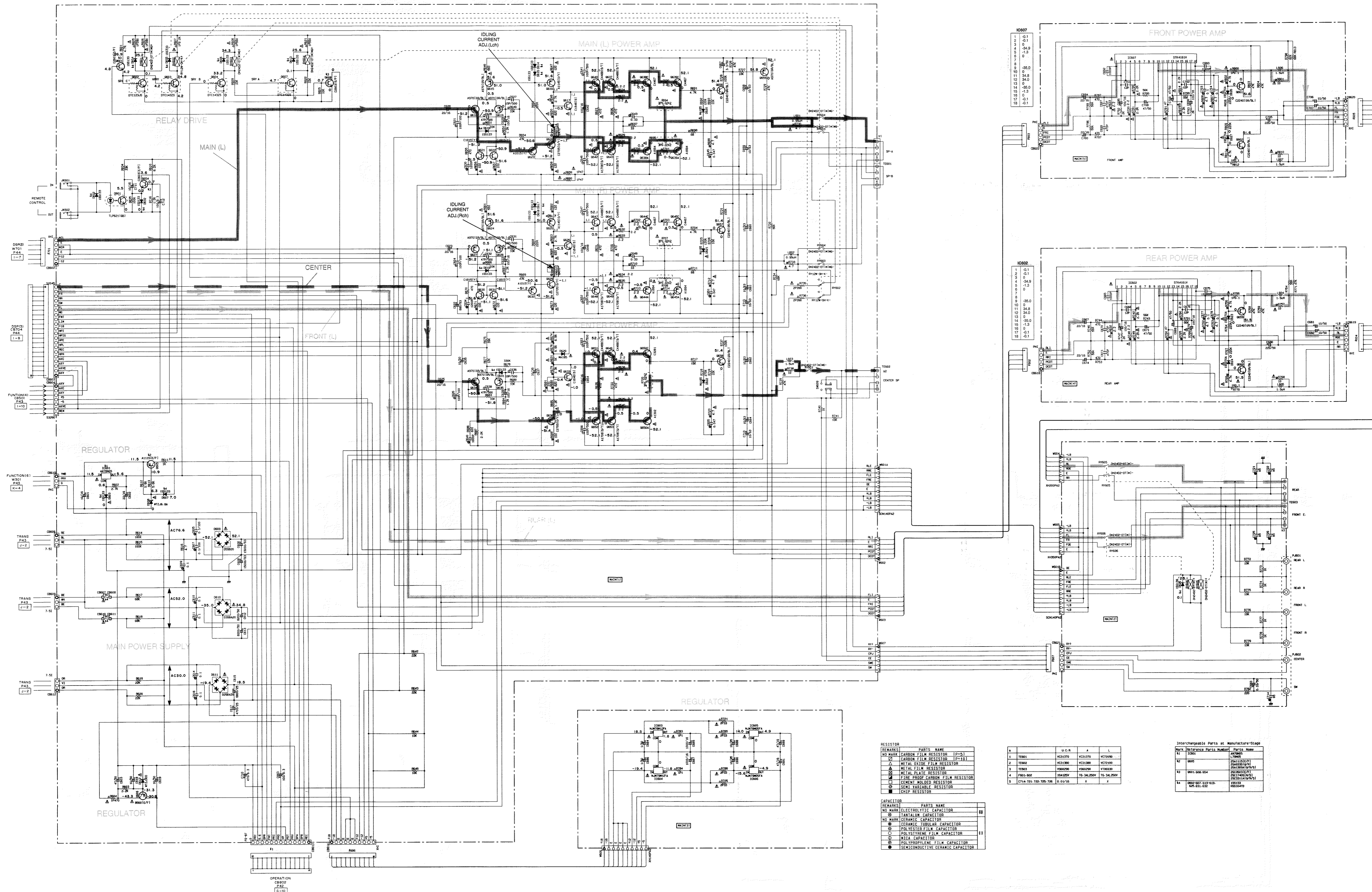
Interchangeable Parts at Manufacturer-Stage

No.	Reference Parts Number	Parts Name
41	ICP	ICP
42	ICR	ICR
43	ICR	ICR
44	ICR	ICR
45	ICR	ICR
46	ICR	ICR
47	ICR	ICR

U	C	R	N	L
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
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
76	77	78	79	80
81	82	83	84	85
86	87	88	89	90
91	92	93	94	95
96	97	98	99	100

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

SCHEMATIC DIAGRAM (MAIN)



RESISTOR

MARK	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P-S)
△	CARBON FILM RESISTOR (P-TIG)
○	METAL OXIDE FILM RESISTOR
△	METAL FILM RESISTOR
□	METAL PLATE RESISTOR
■	FIRE PROOF CARBON FILM RESISTOR
□	CEMENT WOUND RESISTOR
■	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

CAPACITOR

MARK	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

NO.	MARK	U.C.B.	A	L
1	T801	VC3370	VC3370	VC7090
2	T802	VC3380	VC3380	VC7200
3	T803	VC5020	VC5020	VC7830
4	FR01-602	SM5257	TE-3AL200V	TE-3AL200V
5	CT14A-701	720	705	726

Interchangeable Parts at Manufacture's Stage

NO.	Interchangeable Parts Number	Parts Name
81	T801	AMP
82	R802	AMP
83	FR01-606-624	DIODE
84	FR01-606-624	DIODE
85	FR01-606-624	DIODE

All voltages are measured with a 10MΩ/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.