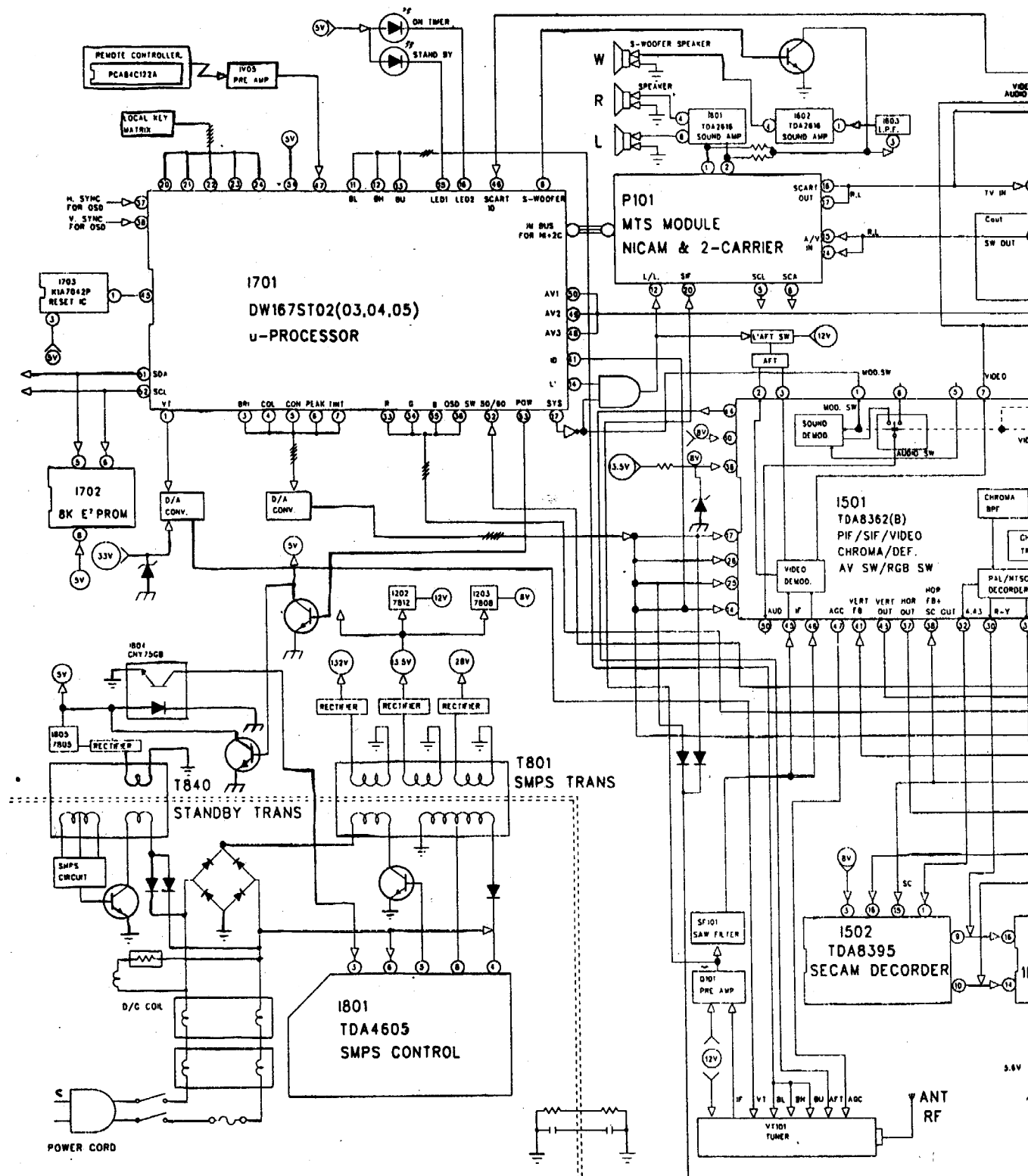
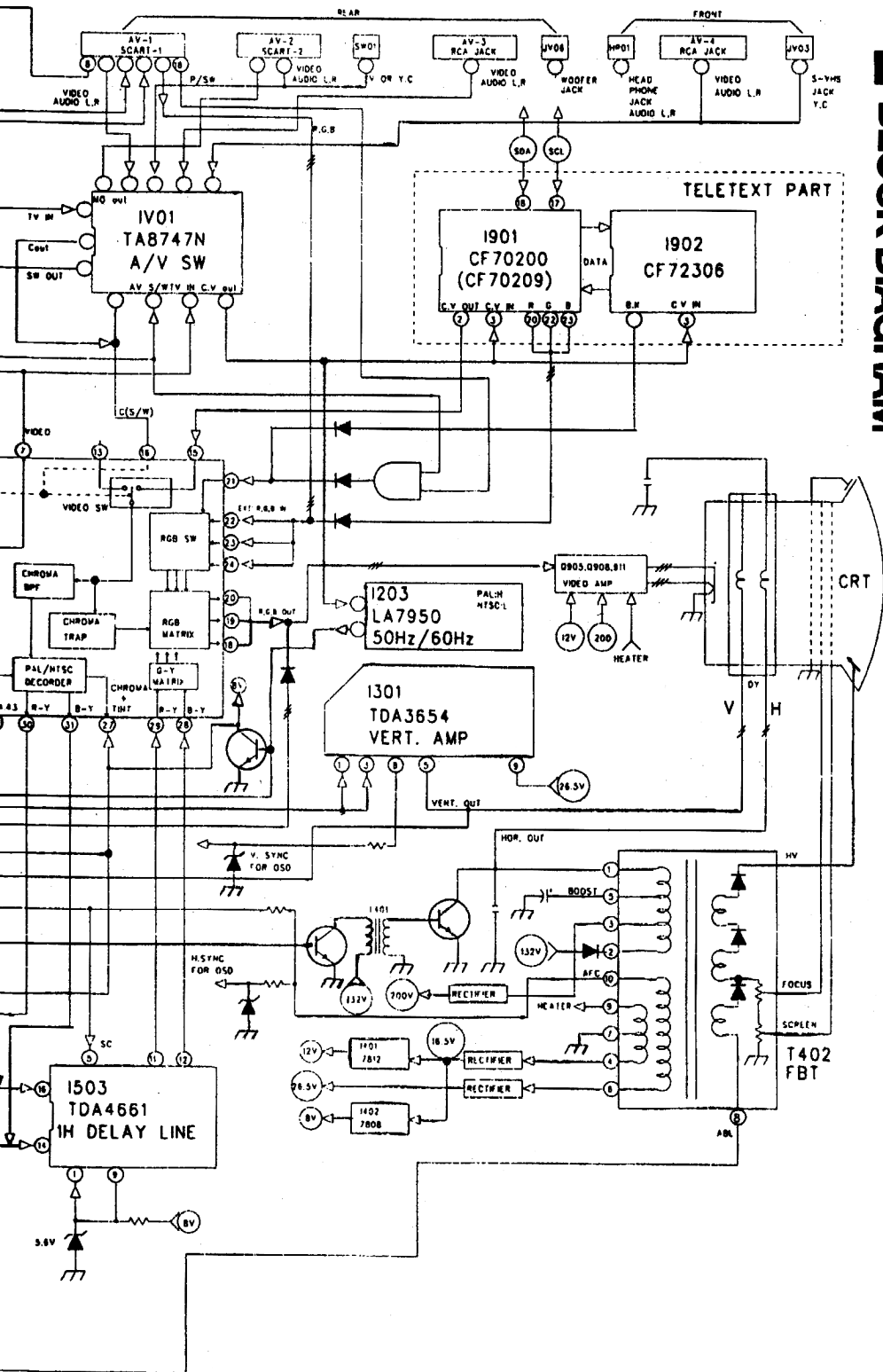


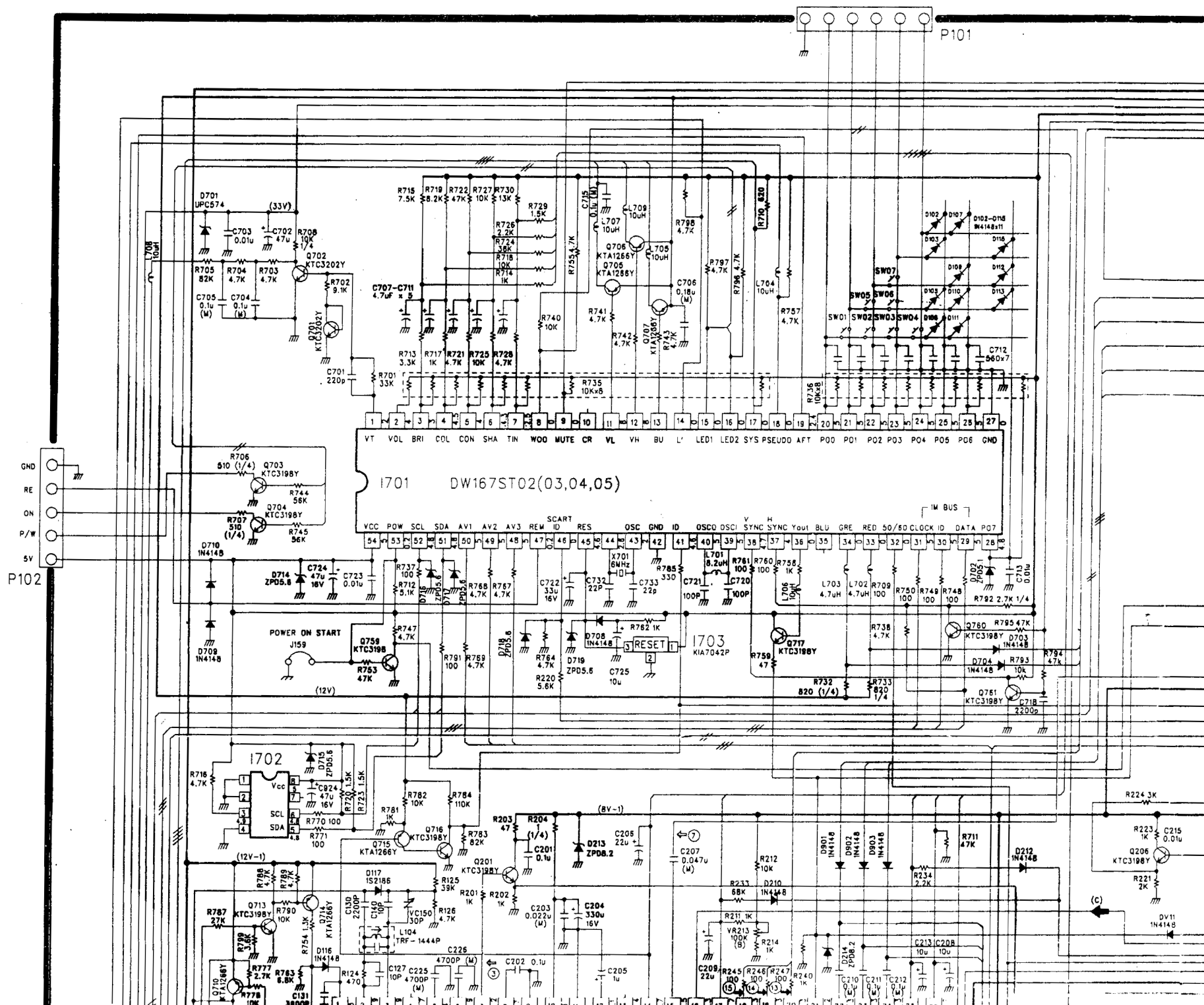
**STEREO, TELETEXT,
SUPER-WOOFER (OPTION)**

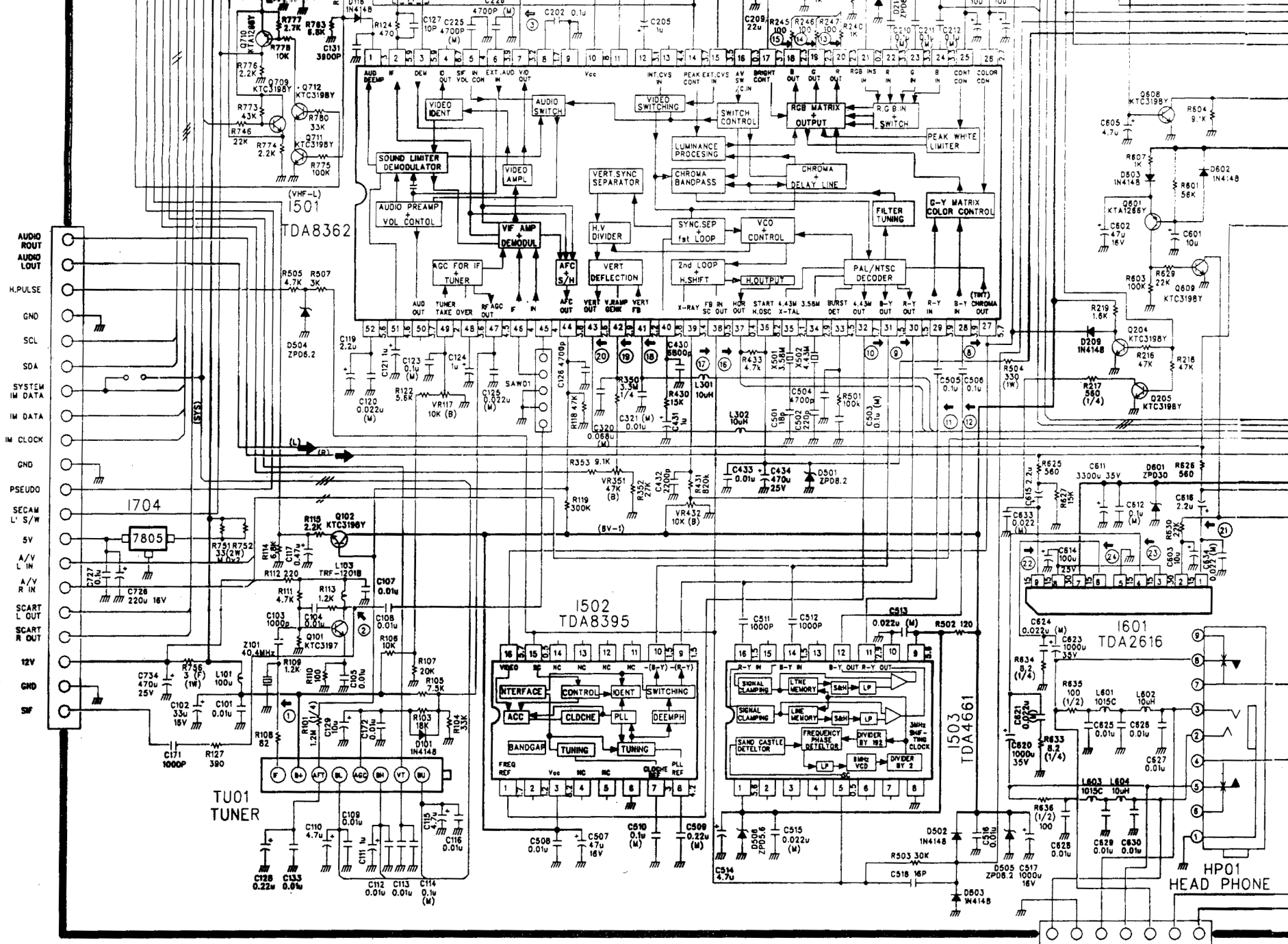
**MODEL: DTY-2590/2595/2599/2570
2890/2895/2999/2970
T594/T694 (UK)
CTV-2595/2895 (FRANCE)**

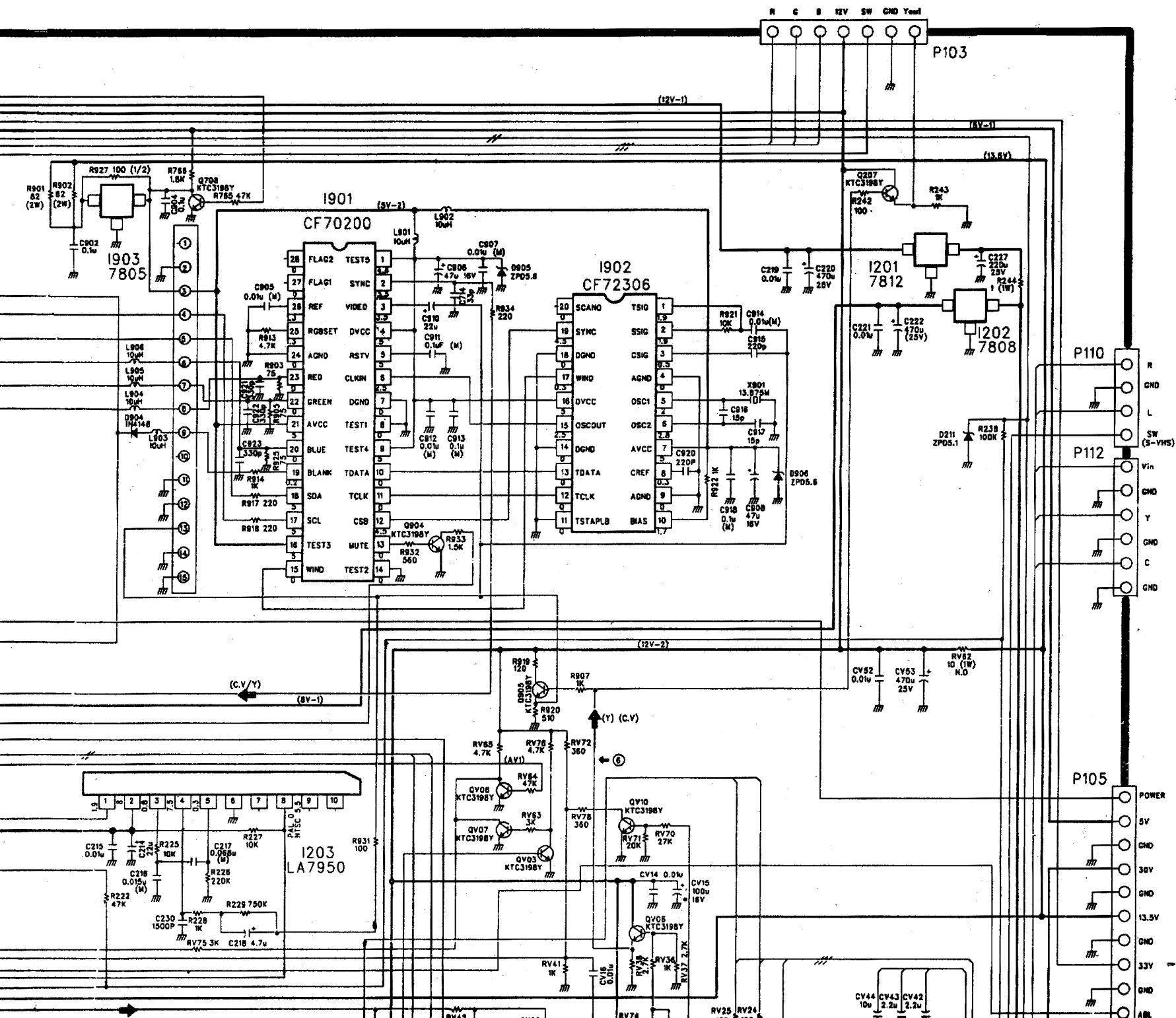


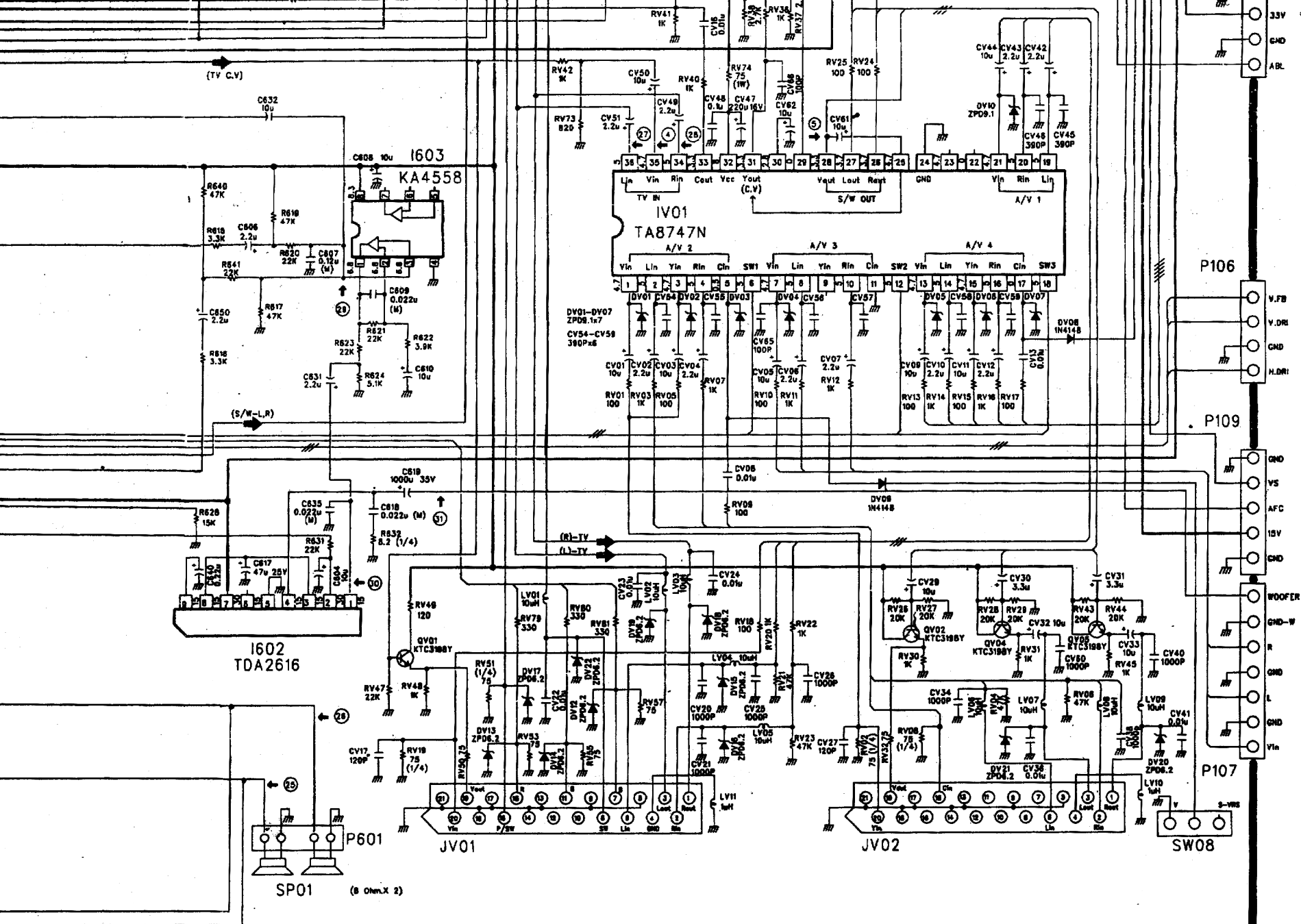
BLOCK DIAGRAM











L901
D.G.COM.
DC-2501

P802
D.G.WAFER

POWER & DEFLECTION

CHARGING PART

DISCHARGING PART

P801A
POWER
CORD

P801

P803

P804

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P1110

P1111

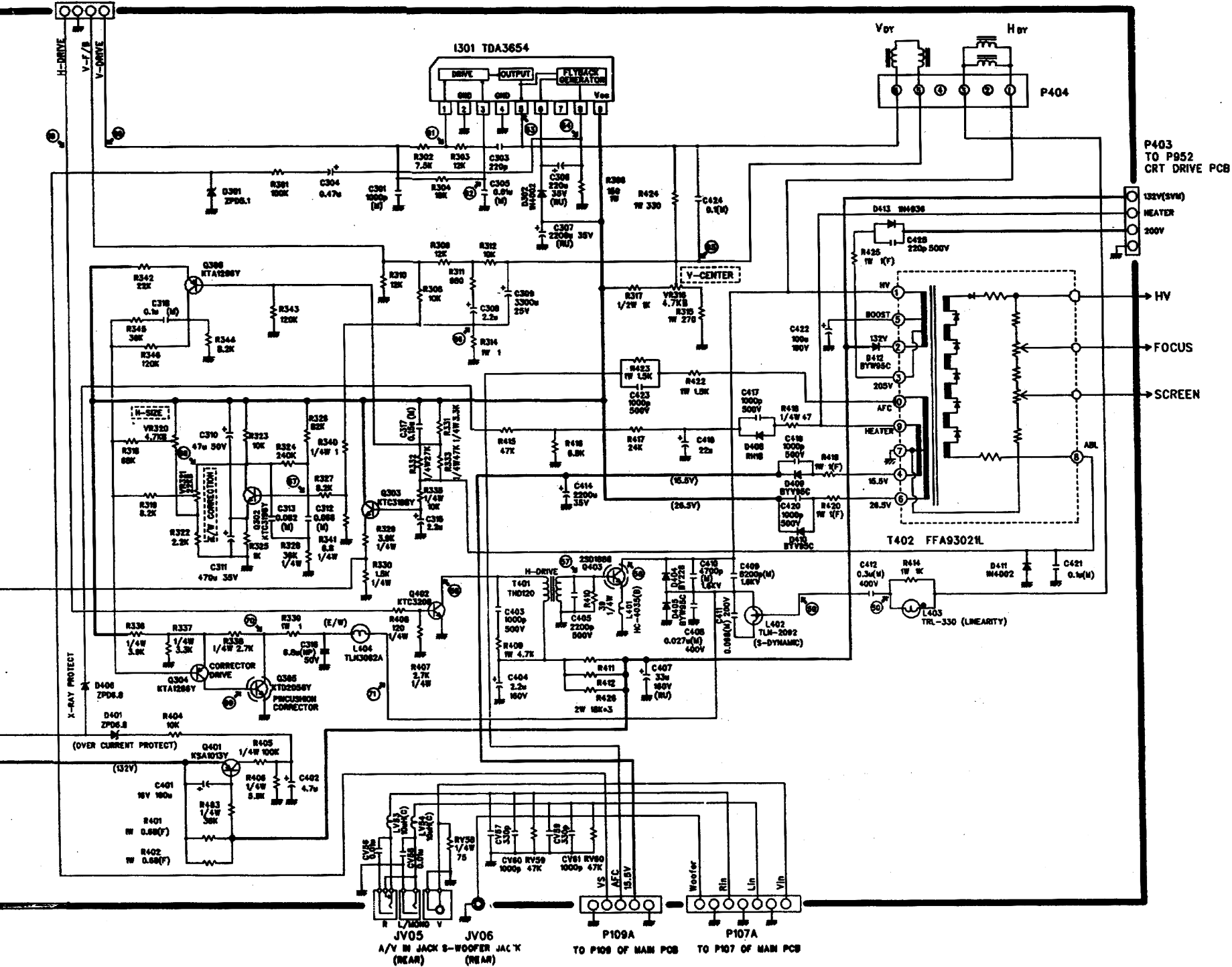
P1112

P1113

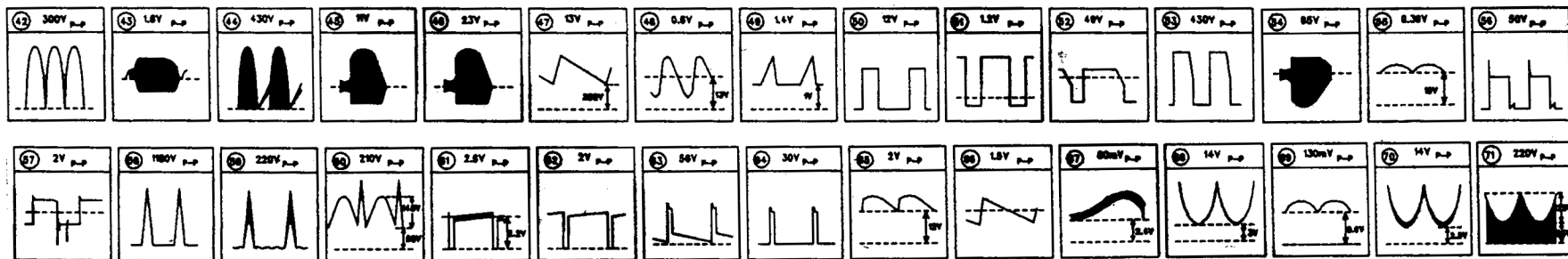
P1114

P1115

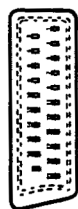
P1116



• POWER



AV1 (SCART-SOCKET)



- 1 -Audio $\odot$ R (0.5V RMS $\leq$ 1k Ω , RF 60% MOD.)
- 2 -Audio $\ominus$ R (0.5V RMS $\geq$ 10k Ω)
- 3 -Audio $\odot$ L (0.5V RMS $\leq$ 1k Ω , RF 60% MOD.)
- 4 -Audio $\ominus$ L
- 5 -Blue $\perp$
- 6 -Audio $\odot$ L (0.5V RMS $\geq$ 10k Ω)
- 7 -Blue (0.7Vpp/75 Ω)
- 8 -CVBS-status $\odot$ 0-2V: input
4.5-7V: ext 16:9
9.5-12V: ext 4:3

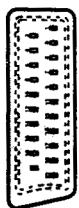


- 9 -Green $\perp$
- 10 --
- 11 -Green (0.7Vpp/75 Ω)
- 12 --
- 13 -Red $\perp$
- 14 -RGB-status $\perp$
- 15 -Red (0.7Vpp/75 Ω)
- 16 -RGB-status (0-0.4V: int. 1-3V ext. 75 Ω)
- 17 -CVBS $\perp$
- 18 -CVBS $\perp$
- 19 -CVBS $\odot$ (1Vpp/75 Ω)
- 20 -CVBS $\ominus$ (1Vpp/75 Ω)
- 21 -Earthscreen

AV3 or AV4 (RCA JACK)

- ⊗ CINCH Video $\ominus$ 1Vpp/75 Ω
- ⊗ CINCH Audio $\ominus$ L (0.5V RMS $\geq$ 10k Ω)
- ⊗ CINCH Audio $\ominus$ R (0.5V RMS $>$ 10k Ω)

AV2 (SCART-SOCKET)



- 1 -Audio $\odot$ R (0.5V RMS $\leq$ 1k Ω , RF 60% MOD.)
- 2 -Audio $\ominus$ R (0.5V RMS $\geq$ 10k Ω)
- 3 -Audio $\odot$ L (0.5V RMS $\leq$ 1k Ω , RF 60% MOD.)
- 4 -Audio $\ominus$ L
- 5 -
- 6 -Audio $\odot$ L (0.5V RMS $\geq$ 10k Ω)
- 7 --
- 8 -CVBS-status $\odot$ 0-2V: int
4.5-7V: ext 16:9
9.5-12V: ext 4:3

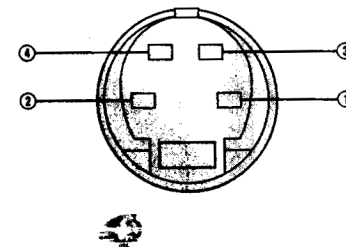


- 9 --
- 10 --
- 11 --
- 12 --
- 13 --
- 14 --
- 15 -C $\odot$ (0.3Vpp/75 Ω)
- 16 --
- 17 -CVBS $\perp$
- 18 -CVBS $\perp$
- 19 -CVBS $\odot$ (1Vpp/75 Ω)
- 20 -Y $\odot$ (1Vpp/75 Ω)
- 21 -Earthscreen

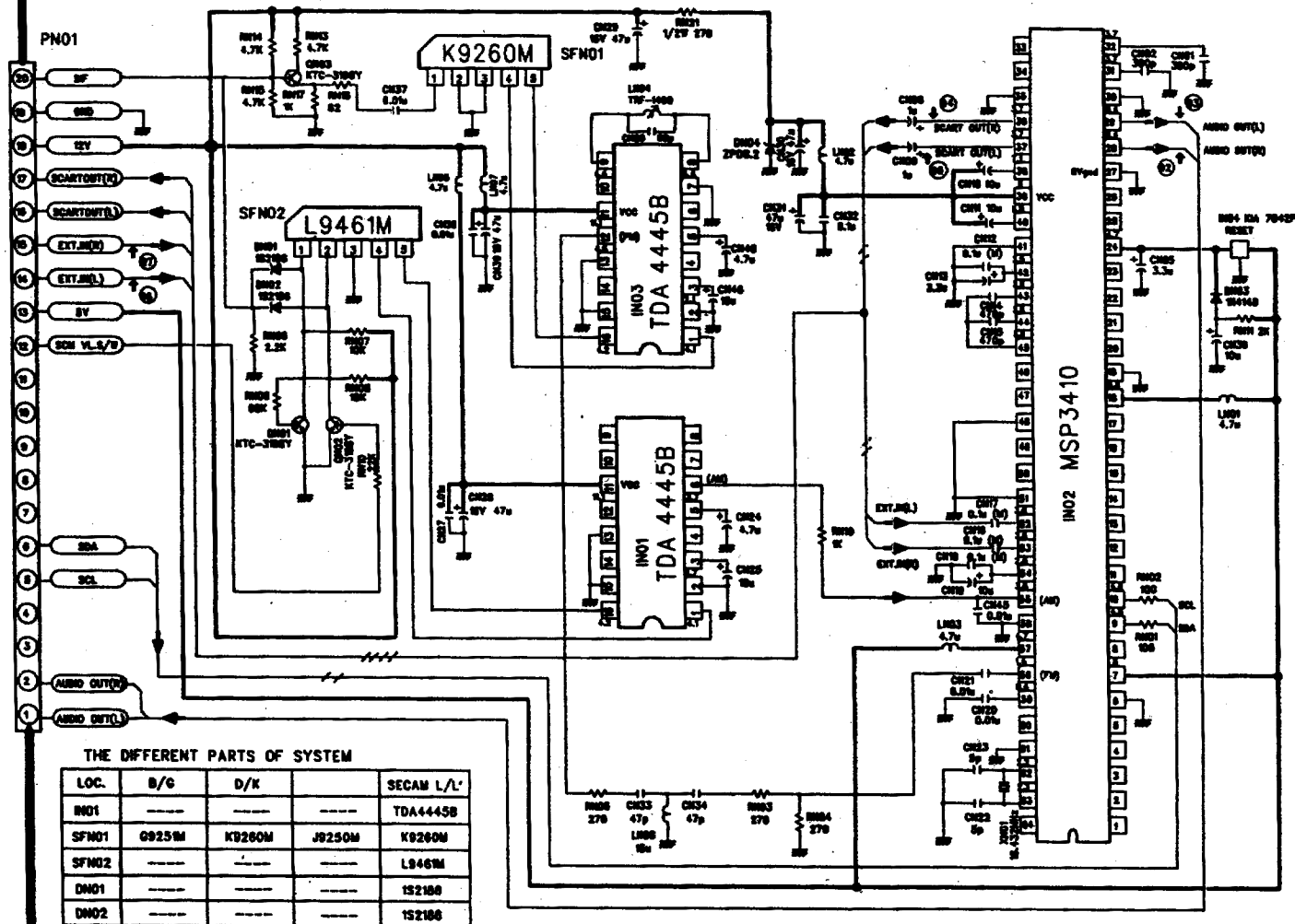
AV4 (S-VHS JACK)

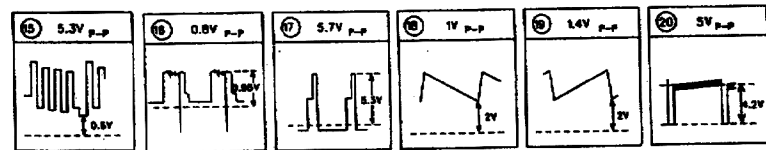
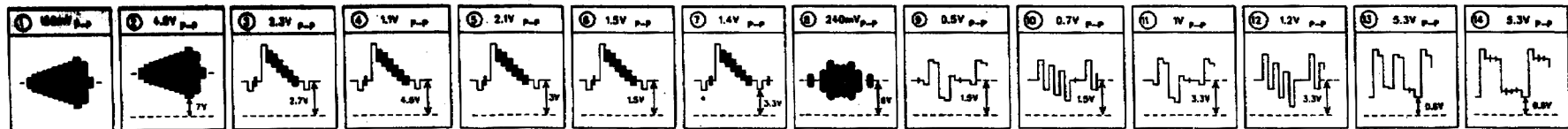
SVHS
⊗

- 1- $\perp$
- 2- $\perp$
- 3-Y $\odot$ (1Vpp: 75 Ω)
- 4-C $\odot$ (0.3Vpp: 75 Ω)
- ⊗ CINCH Video $\odot$ 1Vpp/75 Ω
- ⊗ CINCH Audio $\odot$ L (0.5V RMS: $\geq$ 10k Ω)
- ⊗ CINCH Audio $\odot$ R (0.5V RMS: $\geq$ 10k Ω)

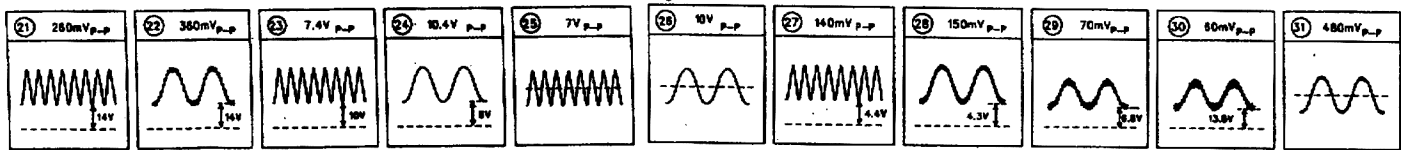


MTS3 : NICAM + 2 CARRIER STEREO MODULE

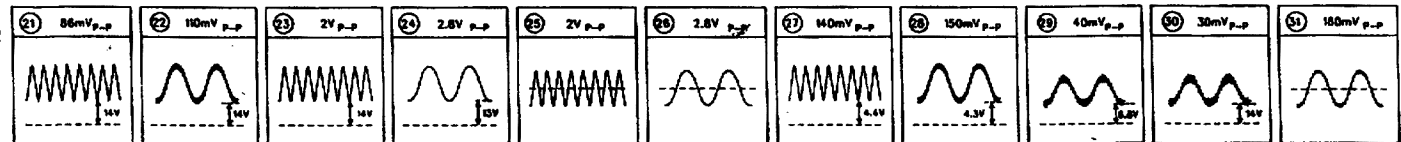




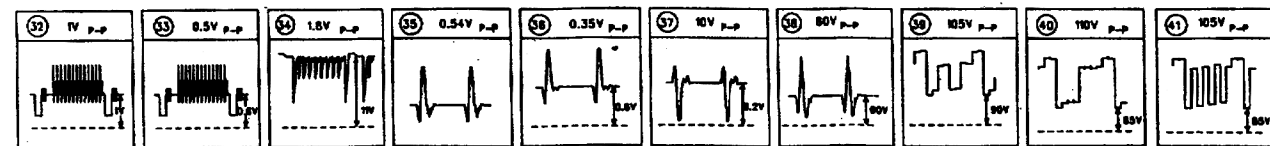
• NICAM
STEREO



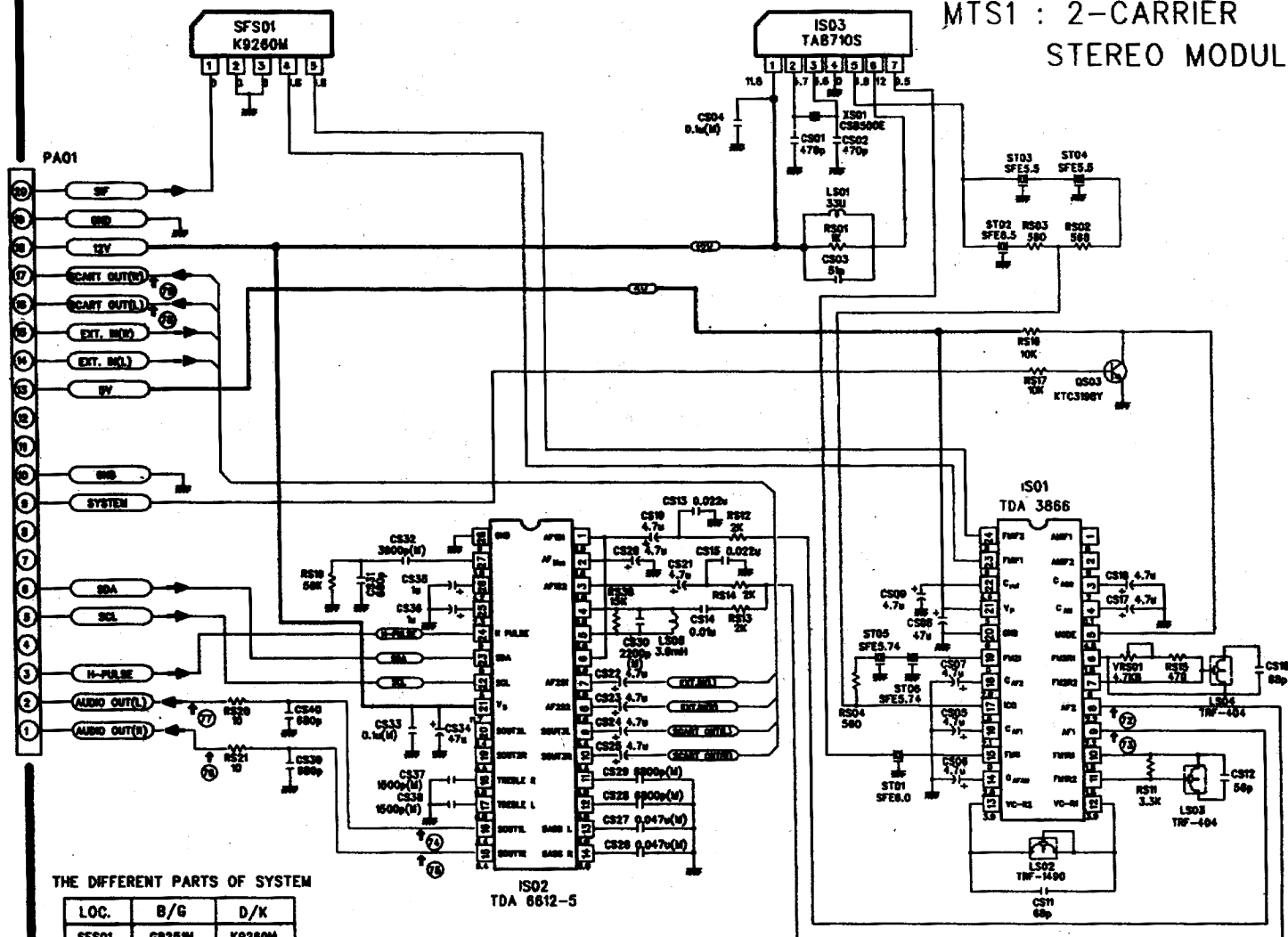
• 2-CARRIER
STEREO



• CRT &
SYM



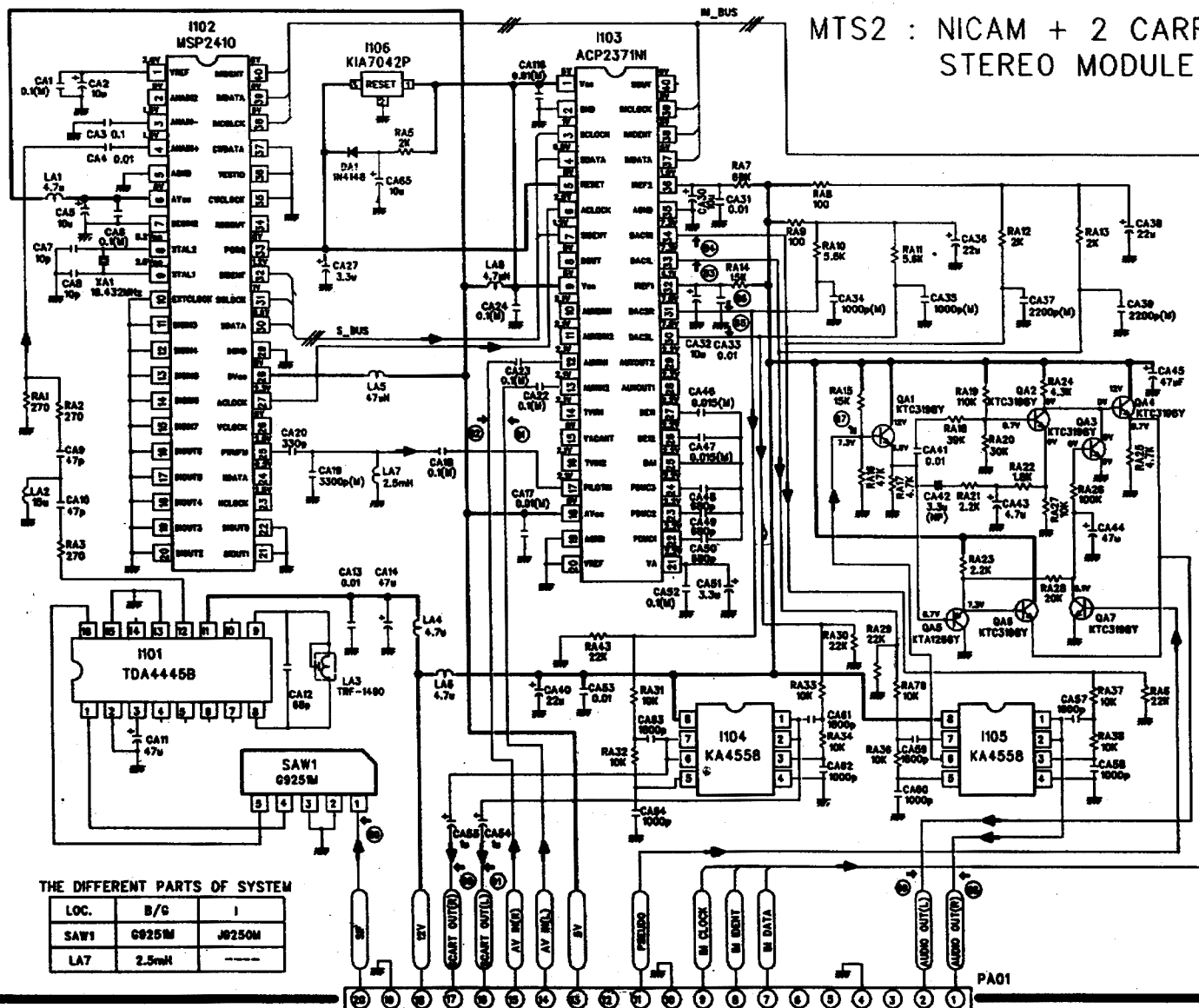
MTS1 : 2-CARRIER
STEREO MODULE



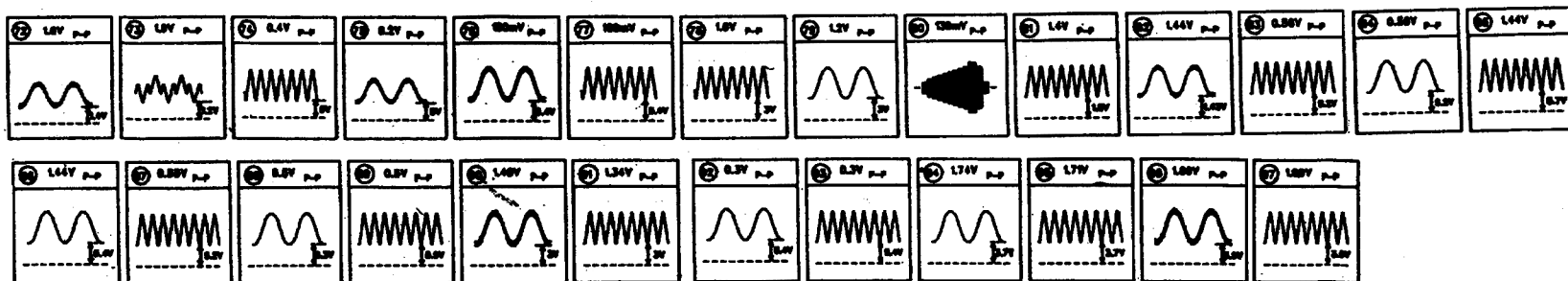
THE DIFFERENT PARTS OF SYSTEM

LOC.	B/G	D/K
SFS01	G925M	K9260M
ST02	-----	SFE6.5MB

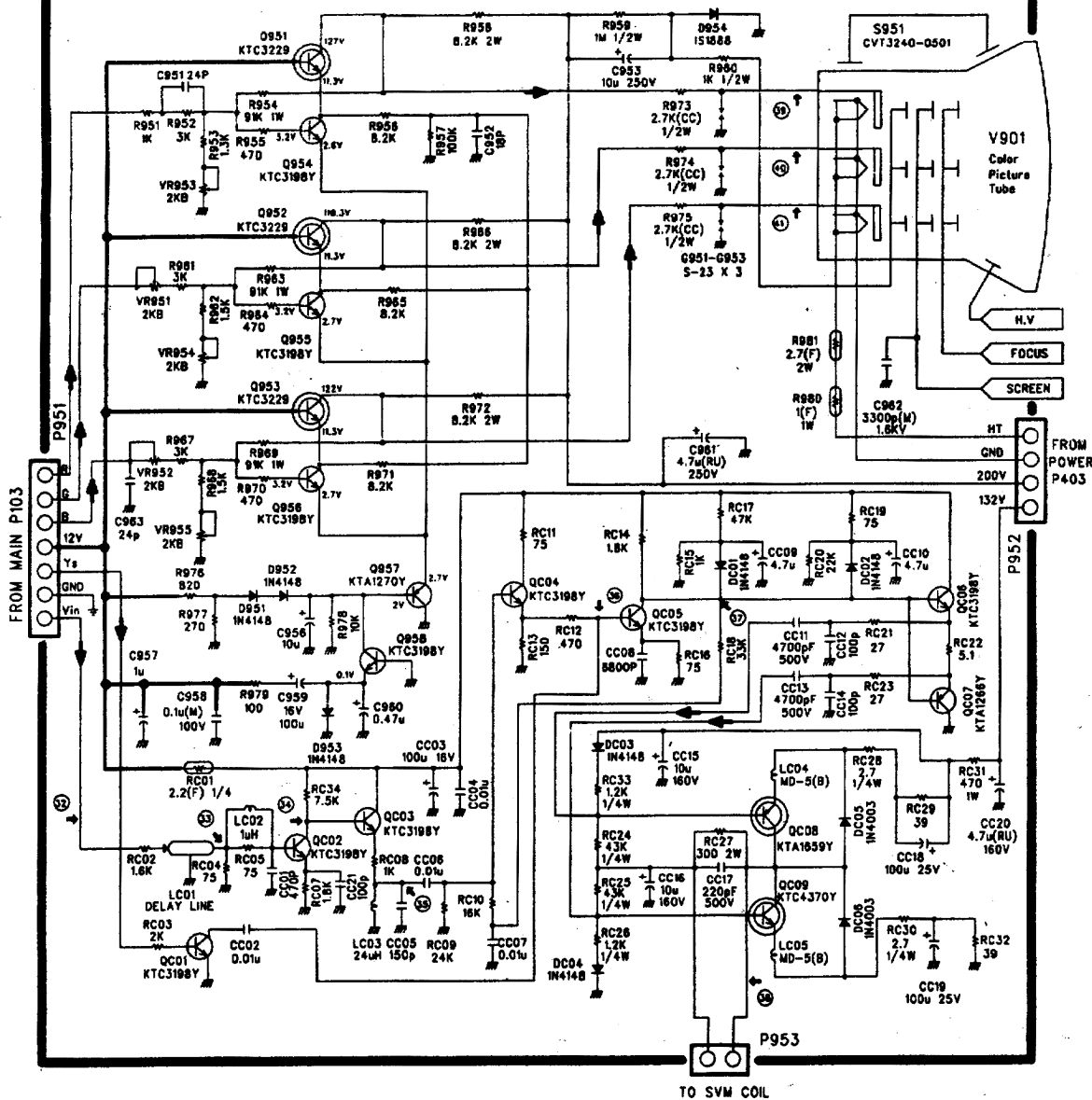
MTS2 : NICAM + 2 CARRIER STEREO MODULE



• SOUND
MODULE



CRT2 : CRT DRIVE & SVM (VIDEO COLOR CRT)



DIODE OPTION

Q951	1	STANDARD RECTIFIER
Q952	2	WITH ROOFER
Q953	3	1/2" NORMAL SYSTEM
Q954	4	1/2" SECAM-4/L SYSTEM
Q955	5	1/2" SECAM-4/L SYSTEM
Q956	6	1/2" SECAM-4/L SYSTEM
Q957	7	1/2" SECAM-4/L SYSTEM
Q958	8	1/2" SECAM-4/L SYSTEM
Q959	9	1/2" SECAM-4/L SYSTEM
Q960	10	1/2" SECAM-4/L SYSTEM
Q961	11	1/2" SECAM-4/L SYSTEM
Q962	12	1/2" SECAM-4/L SYSTEM
Q963	13	1/2" SECAM-4/L SYSTEM
Q964	14	1/2" SECAM-4/L SYSTEM
Q965	15	1/2" SECAM-4/L SYSTEM
Q966	16	1/2" SECAM-4/L SYSTEM
Q967	17	1/2" SECAM-4/L SYSTEM
Q968	18	1/2" SECAM-4/L SYSTEM
Q969	19	1/2" SECAM-4/L SYSTEM
Q970	20	1/2" SECAM-4/L SYSTEM
Q971	21	1/2" SECAM-4/L SYSTEM
Q972	22	1/2" SECAM-4/L SYSTEM
Q973	23	1/2" SECAM-4/L SYSTEM
Q974	24	1/2" SECAM-4/L SYSTEM
Q975	25	1/2" SECAM-4/L SYSTEM
Q976	26	1/2" SECAM-4/L SYSTEM
Q977	27	1/2" SECAM-4/L SYSTEM
Q978	28	1/2" SECAM-4/L SYSTEM
Q979	29	1/2" SECAM-4/L SYSTEM
Q980	30	1/2" SECAM-4/L SYSTEM
Q981	31	1/2" SECAM-4/L SYSTEM
Q982	32	1/2" SECAM-4/L SYSTEM
Q983	33	1/2" SECAM-4/L SYSTEM
Q984	34	1/2" SECAM-4/L SYSTEM
Q985	35	1/2" SECAM-4/L SYSTEM
Q986	36	1/2" SECAM-4/L SYSTEM
Q987	37	1/2" SECAM-4/L SYSTEM
Q988	38	1/2" SECAM-4/L SYSTEM
Q989	39	1/2" SECAM-4/L SYSTEM
Q990	40	1/2" SECAM-4/L SYSTEM
Q991	41	1/2" SECAM-4/L SYSTEM
Q992	42	1/2" SECAM-4/L SYSTEM
Q993	43	1/2" SECAM-4/L SYSTEM
Q994	44	1/2" SECAM-4/L SYSTEM
Q995	45	1/2" SECAM-4/L SYSTEM
Q996	46	1/2" SECAM-4/L SYSTEM
Q997	47	1/2" SECAM-4/L SYSTEM
Q998	48	1/2" SECAM-4/L SYSTEM
Q999	49	1/2" SECAM-4/L SYSTEM
Q1000	50	1/2" SECAM-4/L SYSTEM

CAPACITOR

ELECTRO	1	1000
CERAMIC	2	1000
CERAMIC 50	3	1000
TANTALUM	4	1000
ELECTRO NONPOLAR	5	1000
MYLAR	6	1000

RESISTOR

CARBON FILM	1	1000
CARBON COMB	2	1000
FILM	3	1000
CEMENT	4	1000

COIL

FEARLESS	1	1000
SHOCK	2	1000
BEAD	3	1000

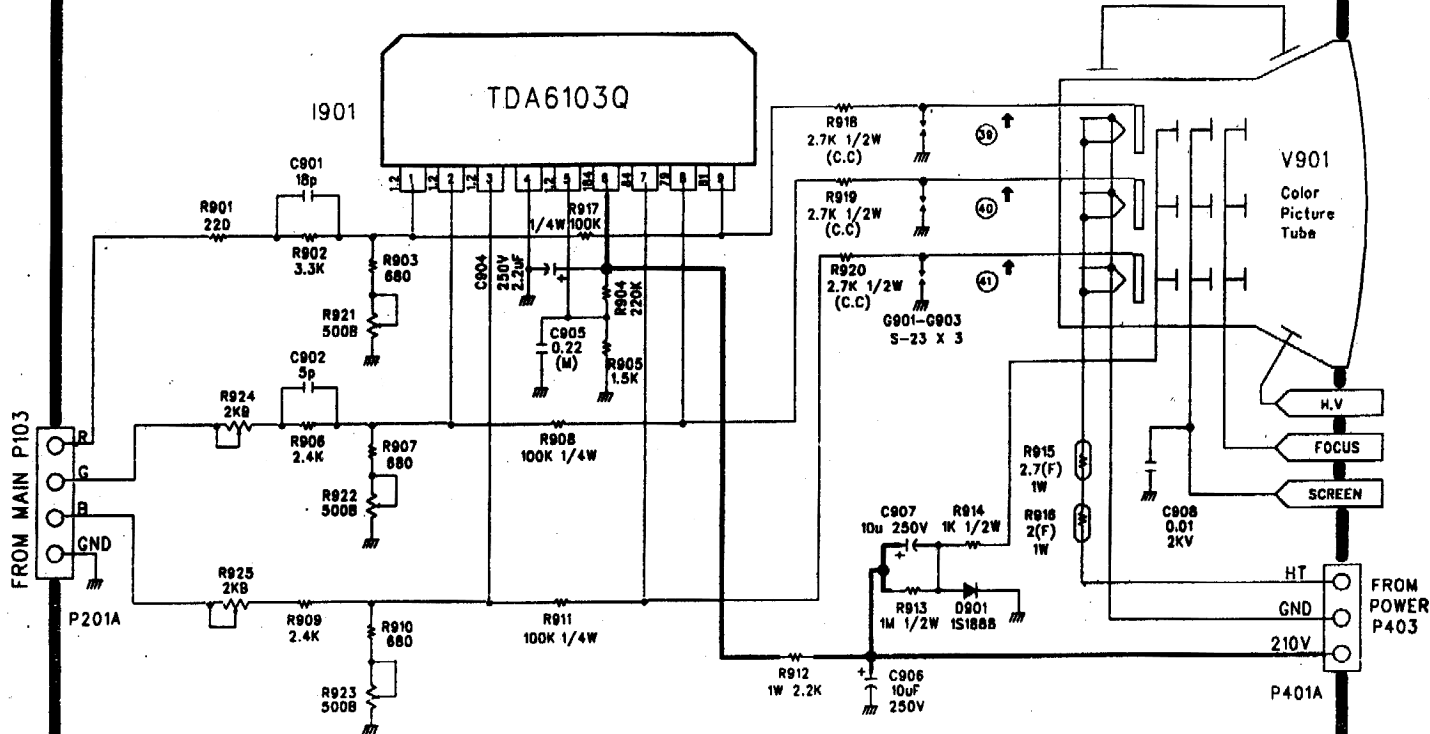
LOCAL KEY

Q951	1	STANDARD RECTIFIER
Q952	2	WITH ROOFER
Q953	3	1/2" NORMAL SYSTEM
Q954	4	1/2" SECAM-4/L SYSTEM
Q955	5	1/2" SECAM-4/L SYSTEM
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Q965	15	1/2" SECAM-4/L SYSTEM
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Q967	17	1/2" SECAM-4/L SYSTEM
Q968	18	1/2" SECAM-4/L SYSTEM
Q969	19	1/2" SECAM-4/L SYSTEM
Q970	20	1/2" SECAM-4/L SYSTEM
Q971	21	1/2" SECAM-4/L SYSTEM
Q972	22	1/2" SECAM-4/L SYSTEM
Q973	23	1/2" SECAM-4/L SYSTEM
Q974	24	1/2" SECAM-4/L SYSTEM
Q975	25	1/2" SECAM-4/L SYSTEM
Q976	26	1/2" SECAM-4/L SYSTEM
Q977	27	1/2" SECAM-4/L SYSTEM
Q978	28	1/2" SECAM-4/L SYSTEM
Q979	29	1/2" SECAM-4/L SYSTEM
Q980	30	1/2" SECAM-4/L SYSTEM
Q981	31	1/2" SECAM-4/L SYSTEM
Q982	32	1/2" SECAM-4/L SYSTEM
Q983	33	1/2" SECAM-4/L SYSTEM
Q984	34	1/2" SECAM-4/L SYSTEM
Q985	35	1/2" SECAM-4/L SYSTEM
Q986	36	1/2" SECAM-4/L SYSTEM
Q987	37	1/2" SECAM-4/L SYSTEM
Q988	38	1/2" SECAM-4/L SYSTEM
Q989	39	1/2" SECAM-4/L SYSTEM
Q990	40	1/2" SECAM-4/L SYSTEM
Q991	41	1/2" SECAM-4/L SYSTEM
Q992	42	1/2" SECAM-4/L SYSTEM
Q993	43	1/2" SECAM-4/L SYSTEM
Q994	44	1/2" SECAM-4/L SYSTEM
Q995	45	1/2" SECAM-4/L SYSTEM
Q996	46	1/2" SECAM-4/L SYSTEM
Q997	47	1/2" SECAM-4/L SYSTEM
Q998	48	1/2" SECAM-4/L SYSTEM
Q999	49	1/2" SECAM-4/L SYSTEM
Q1000	50	1/2" SECAM-4/L SYSTEM

THE DIFFERENT PARTS OF SYSTEM

SYSTEM	P/S-B/O, SECAM-L/L	PAL - B/O	PAL - I	P/S - B/O - S/S	PAL - S/S	REMARK
STEREO MODULE	MT83	MT81 → MT83	MT82 → MT83	MT81	MT82	• SOUND MODULE
1	TU01	TEDE4-973A → TEDE4-128A	TEDE4-973A → TEDE4-128A	DE1782 → PT2-V150P	TEDE4-973A → TEDE4-128A	• TUNER
2	SAW8	G3633M	G3633M	G3633M	G3633M	• PP SAW
3	DM1	X	X	X	M6148	• EAST TTX
4	Y04	TDA6382	TDA6382B	X	X	• SECAM-L/L
5	VC06	TED3R3000	X	X	X	
6	C195	47µF	10µF	67µF	10µF	
7	C130	220µF	X	X	X	
8	C140	10µF	X	X	X	
9	DM07	M6148	X	X	X	
10	S116	M6148	X	X	X	
11	DM17	IS1000	X	X	X	
12	Q789	KTCA388Y	X	X	X	
13	Q790	KTCA388Y	X	X	X	
14	Q791	KTCA388Y	X	X	X	
15	Q792	KTCA388Y	X	X	X	
16	Q793	KTCA388Y	X	X	X	
17	Q794	KTCA388Y	X	X	X	
18	R123	39K	X	X	X	
19	R125	4.7K	X	X	X	
20	R730	620	X	X	X	
21	R744	22K	X	X	X	
22	R754	1.5K	X	X	X	
23	R763	8.0K	X	X	X	
24	R773	43K	X	X	X	
25	R774	2.2K	X	X	X	
26	R775	100K	X	X	X	
27	R778	2.2K	X	X	X	
28	R777	2.7K	X	X	X	
29	R778	10K	X	X	X	
30	R780	33K	X	X	X	
31	R787	27K	X	X	X	
32	R788	4.7K	X	X	X	
33	R789	4.7K	X	X	X	
34	R790	10K	X	X	X	
35	R799	2.5K	X	X	X	
36	W005	LEAD WIRE	X	X	X	
37	Z101	T408A	X	X	X	
38	C109	0.0µF	X	X	0.0µF	• THREE BAND ONLY
39	C112	0.0µF	X	X	0.0µF	
40	DM08	X	X	M6148	X	
41	R741	4.7K	X	X	4.7K	
42	R742	4.7K	X	X	4.7K	
43	Q705	KTCA388Y	X	X	KTCA388Y	
44	Q706	KTCA388Y	X	X	KTCA388Y	
45	IS02	TDA6395	X	X	TDA6395	• SECAM PARTS
46	C899	0.22µF (M)	X	X	0.22µF (M)	
47	C910	0.1µF (M)	X	X	0.1µF (M)	
48	P801	CM4232	X	CN-3222	KRP-49PC	• POWER COND
49	R7018	X	X	485721000	X	• FUSE COVER
50	Q808C	X	X	485680170	X	• LABEL
51	V901A	X	X	4859704500	X	
52	MT23	4887324700	X	X	X	• SHIELD CASE
53	MT24	4887324800	X	X	X	• SHIELD PLATE

CRT1 : CRT DRIVE (ORION CRT)



LOC.	25"	28"
C906	250V 10uF	250V 47uF
R908,R911,R917	1/4W 100K	1/4W 82K
R915	1W 2.7(F)	JUMPER
R916	1W 2(F)	1W 1(F)

THE DIFFERENT PARTS OF SIZE

LOC.	SIZE			
	25"	28"	28"	28"
MASK FRONT	V901	AS9013K-- (ORION)	AS9013K-- (VIDEO COLOR)	AS9013K-- (VIDEO COLOR)
	CRT MODULE	CRT1	CRT2	CRT1
	L901	DC-2501	DC-2701	DC-2901
	R732	X	1/4 820	X
MAIN PCB	R733	X	1/4 820	X
	R913	5.8K	4.7K	5.8K
	R242	X	100	X
	R243	X	1K	X
	C516	X	10uF	X
	Q207	X	KTC188Y	X
	J119	X	WIRE COPPER	X
	J122	X	WIRE COPPER	X
	J271	X	WIRE COPPER	X
	T402	1362.50108	FFA9302L	FFA9302L
POWER PCB	R310	12K	10K	10K
	R318	47K	68K	10K
	R333	1/4 47K	1/4 27K	1/4 3.9K
	R336	1/4 3.9K	1/4 2.3K	1/4 3.9K
	C312	0.081uF(100V)	0.082uF(100V)	0.082uF(100V)
	C408	8200uF(16KV)	8200uF(16KV)	8200uF(16KV)
	C410	8200uF(16KV)	4700uF(16KV)	8200uF(16KV)
	C412	0.17uF(400V)	0.3uF(400V)	0.6uF(400V)
	C422	100 V100uF	X	X
	D412	BY99C	X	WIRE COPPER
	L403	TBL-330	X	TBL-1900

THE DIFFERENT PARTS OF STEREO MODULES

STEREO SYSTEM		2C (2-CARRIER) (M731)	2C + MCAM (M732)	2C + MCAM (M733)
STEREO IC		TDA6112 + TDA3886	MSP2410 + ACP2371	MSP3410
MAIN PCB	D701	DW1675T02/03/04	DW1675T02/03/04	DW1675T08
	C803	10uF	22uF	10uF
	C814	100uF	4.7uF	100uF
	D106	X	M4148	X
	J246	WIRE COPPER	X	X
	R020,R026	3.3K	3.3K	500
	R720,R723	10K	X	2.4K
	R738	X	4.7K	X
	R748,R749,R750	X	100	X