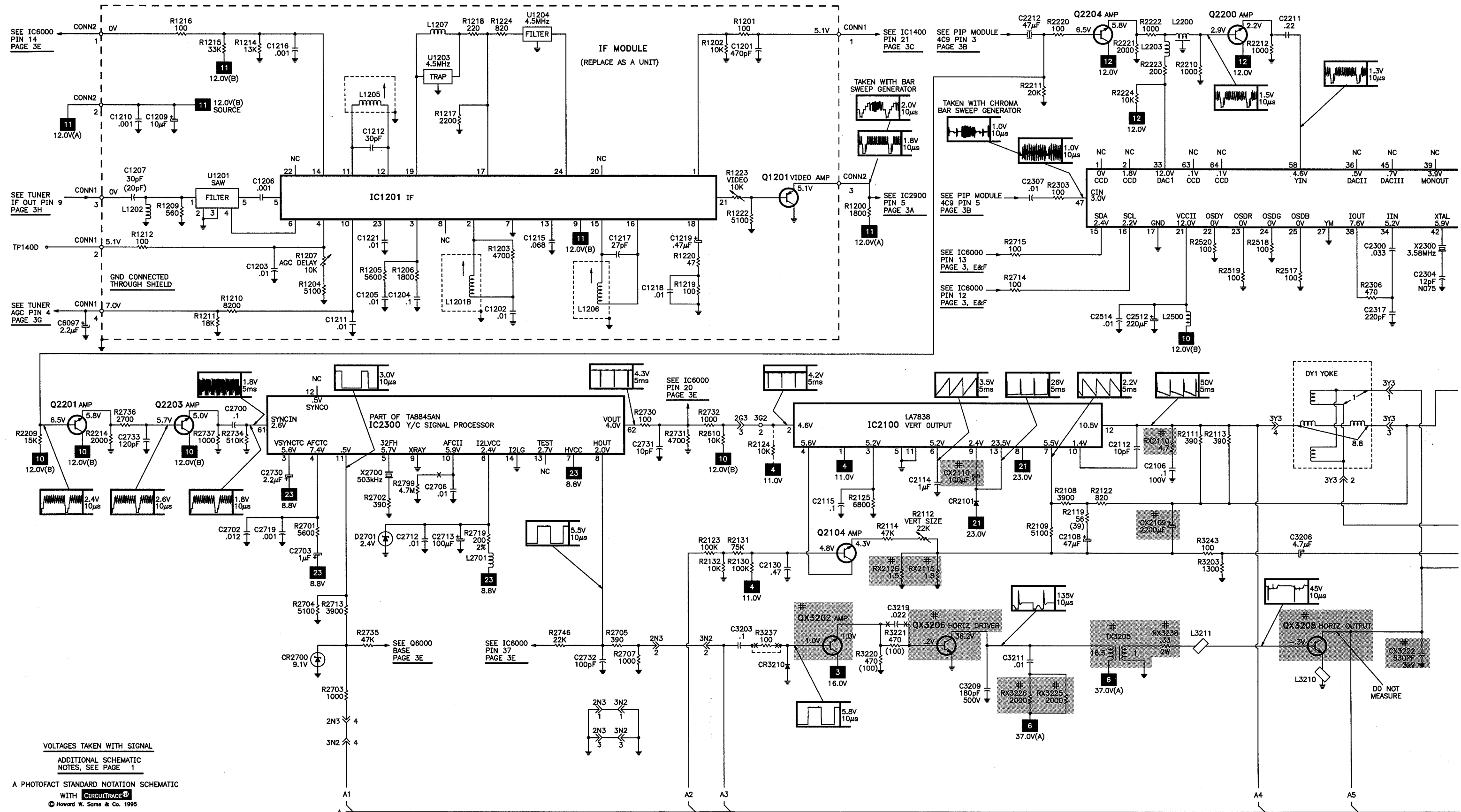


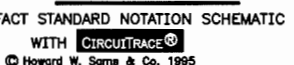
## TELEVISION SCHEMATIC



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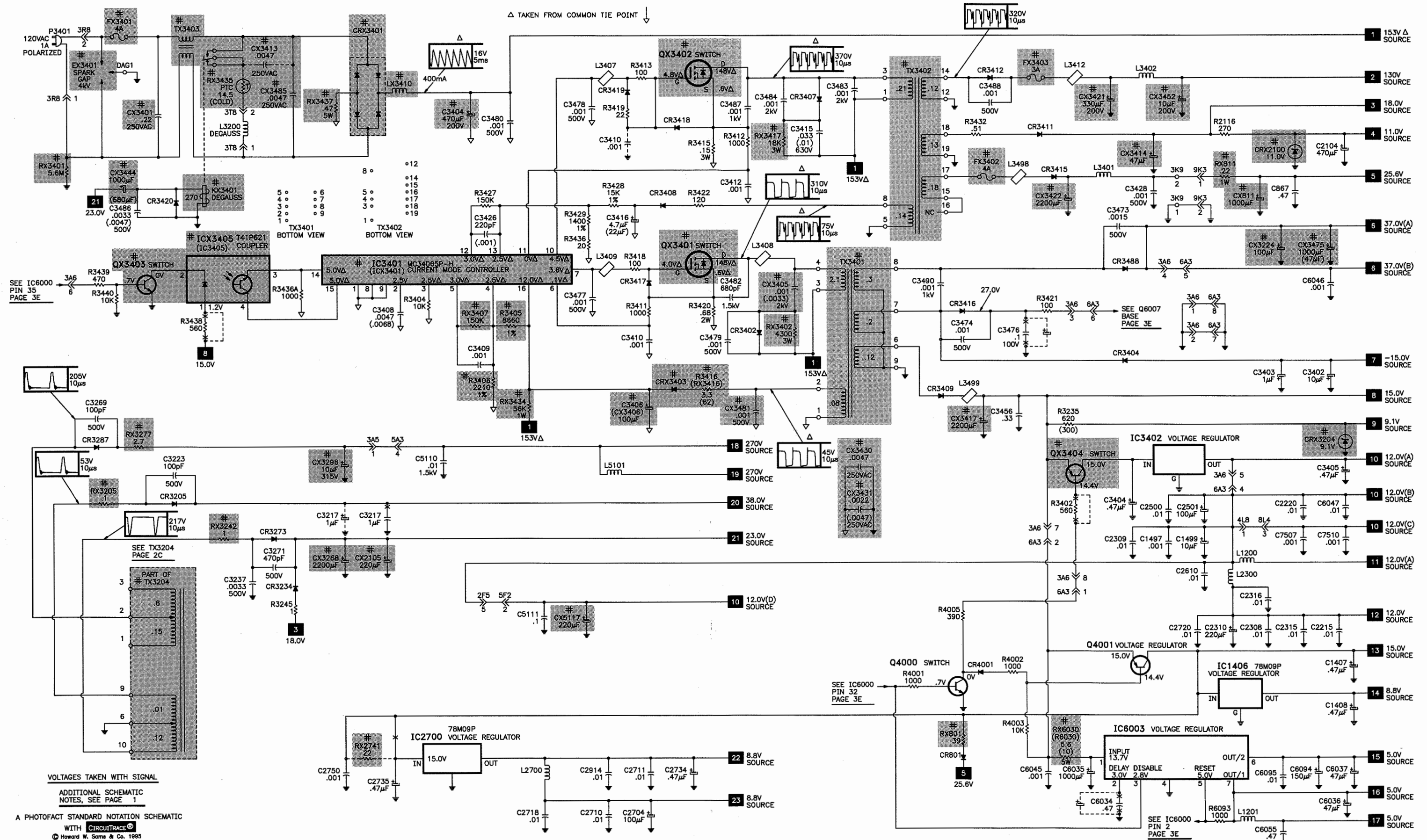
**C**

## continued





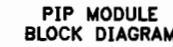
## POWER SUPPLY SCHEMATIC





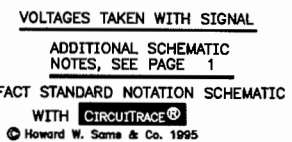


IC2900 TA8851AN  
A/V SWITCH



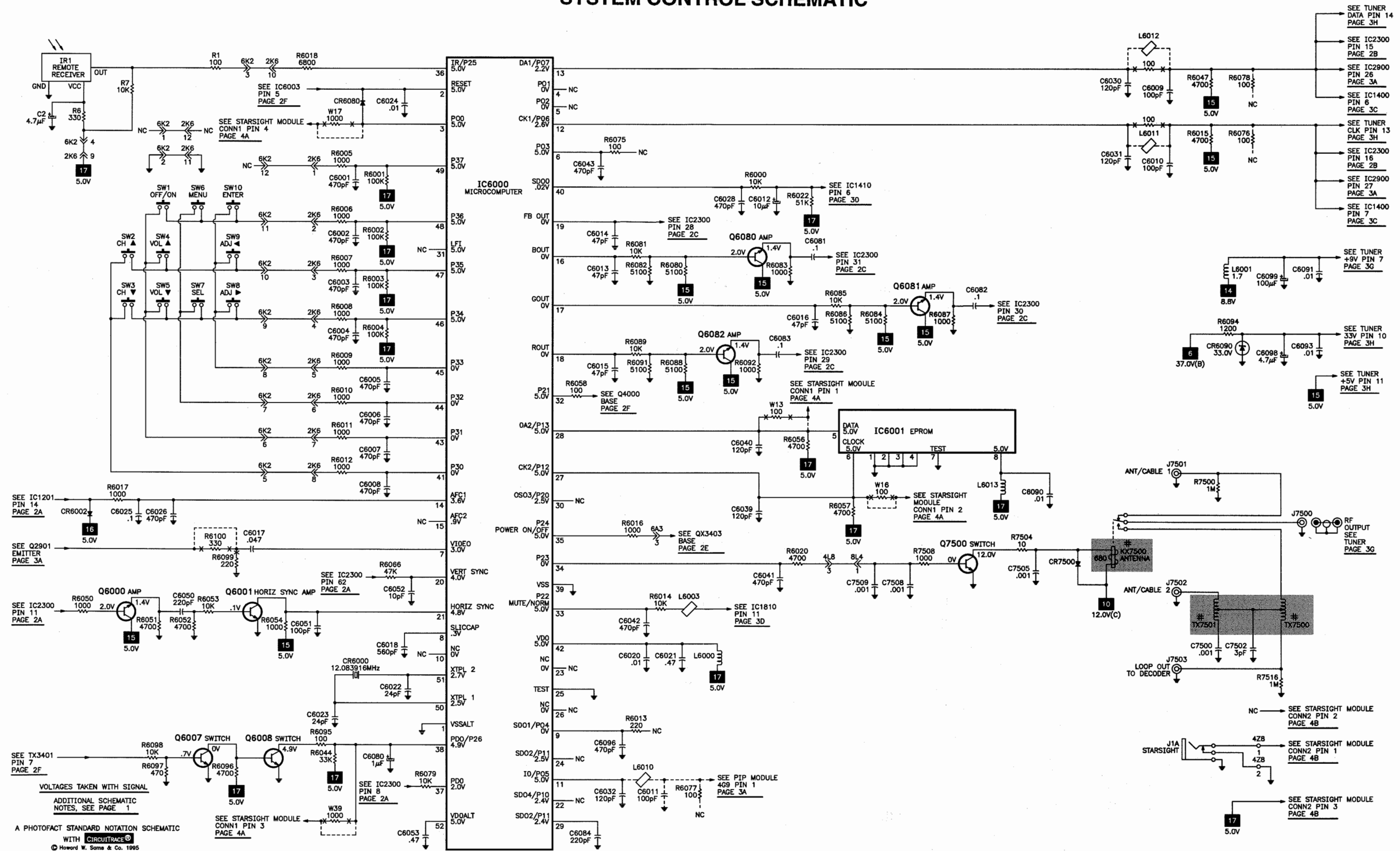
WITH **CIRCUITRACE®**  
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## C

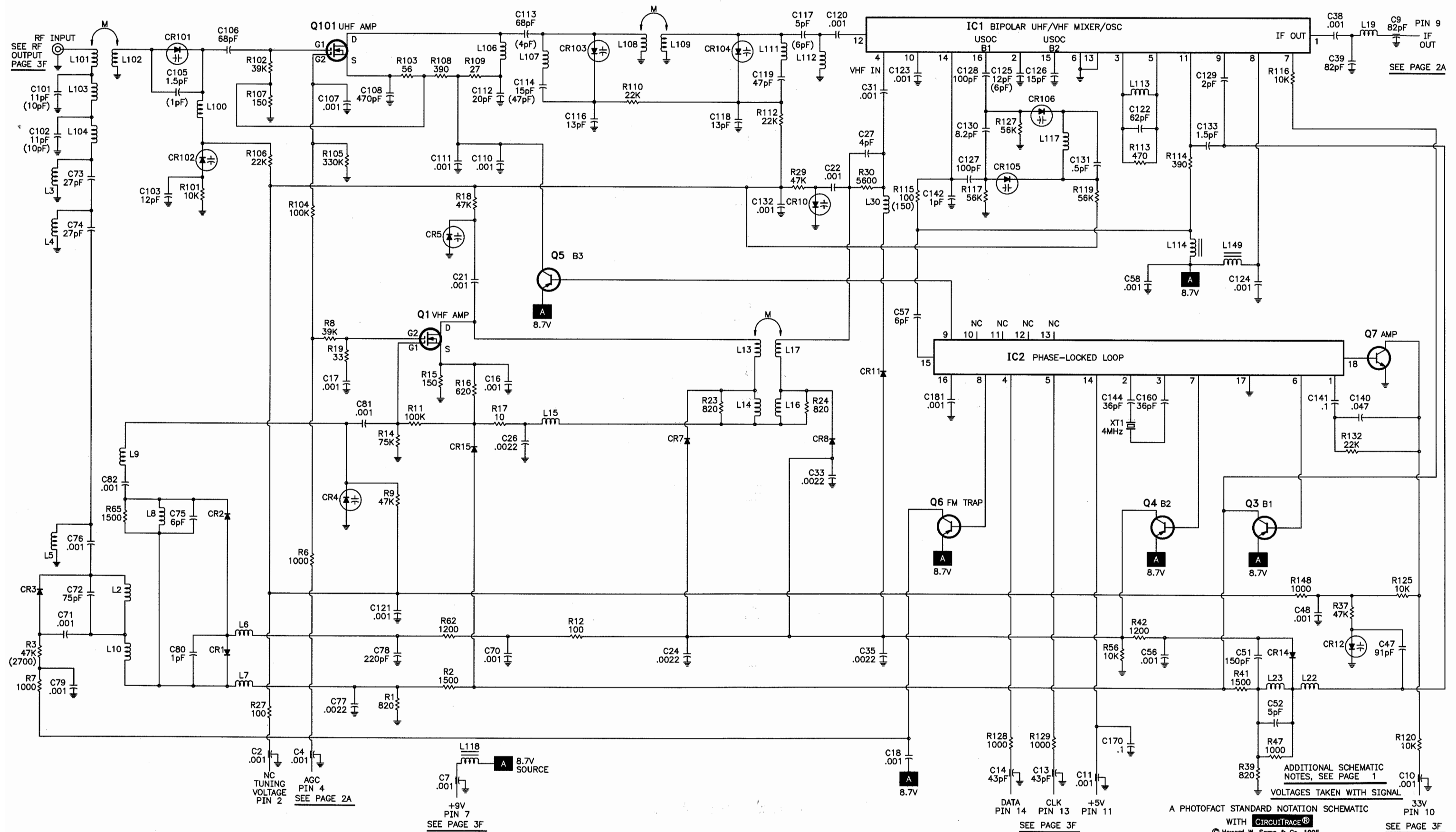




SYSTEM CONTROL SCHEMATIC



## TUNER SCHEMATIC



ZENITH

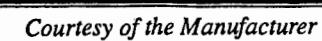
**MODEL SM2789BT8**

## G

Н



9-1321 STARSIGHT  
94ART012



PARTS LIST

SEMICONDUCTORS

(Select the replacement that gives the best results.)

Item No.	Type No.	Mfr. Part No.	NTE Part No.	ECG Part No.	TCE Part No.
CR801	-	103-295A	NTE177	ECG177	SK9091
CR1450	-	103-279A	NTE5000A	ECG5000A	SK2A4
CR1499	-	103-279-21A	NTE5021A	ECG5021A	SK12A
CR2101	-	103-254-01	NTE116	ECG116	SK3313
CR2500	-	103-279-18A	-	-	-
CR2601, 02, 03	-	103-398	-	-	-
CR2700	-	103-279-18A	-	-	-
CR3201	-	103-344-06A	NTE116	ECG116	SK3313
CR3205	-	103-471A	-	-	-
CR3207	-	103-305	NTE525	ECG525	SK3925
CR3210, 20, 21	-	103-471A	-	-	-
CR3234, 73	-	103-344-03A	-	-	-
CR3287	-	103-326A	NTE552	ECG552	SK9000
CR3402	-	103-344-06A	NTE116	ECG116	SK3313
CR3404	-	103-344-01A	NTE116	ECG116	SK3313
CR3407	-	103-344-06A	NTE116	ECG116	SK3313
CR3408	-	103-344-01A	NTE116	ECG116	SK3313
CR3409	-	103-360-02	-	-	-
CR3411	-	103-344-01A	NTE116	ECG116	SK3313
CR3412	-	103-417-05A	NTE580	ECG580	SK5036
CR3415	-	103-417-01	-	-	-
CR3416	-	103-344-01A	NTE116	ECG116	SK3313
CR3417 Thru	-	-	-	-	-
CR3420	-	103-295A	NTE177	ECG177	SK9091
CR3488	-	103-344-02A	NTE116	ECG116	SK3313
CR4001	-	103-142-01	NTE177	ECG177	SK9091
CR5103, 04, 05	-	103-301-06A	-	-	-
CR5106	-	103-142-01	NTE177	ECG177	SK9091
CR5107	-	103-344-04A	-	-	-
CR5108, 09, 10	-	103-142-01	NTE177	ECG177	SK9091
CR6002, 80	-	103-398	-	-	-
CR6090	-	103-279-36A	NTE5085A	ECG5085A	SK36V
CR7500	-	103-142-01	NTE177	ECG177	SK9091
# CRX2100	-	103-336-20A	-	-	-
# CRX3202	-	103-471A	-	-	-
# CRX3204	-	103-336-18A	NTE5018A	ECG5018A	SK9A1
# CRX3209	-	103-471A	-	-	-
# CRX3235	-	103-295A	NTE177	ECG177	SK9091
# CRX3401	-	212-168-04	-	-	-
# CRX3403	-	103-344-01A	NTE116	ECG116	SK3313
D2600, 03	-	103-398	-	-	-
D2701	-	103-279A	NTE5000A	ECG5000A	SK2A4
IC810	TA8218HA	221-825	-	-	-
IC1201	-	221-792	-	-	-
IC1400	CXA1264AS	221-683	-	-	-
IC1404	M9442BP	-	-	-	-
-	-	221-129	NTE987	ECG987	SK3643
IC1406	78M09P	221-166-09	-	-	-
IC1410	TDA8196	221-826	-	-	-
IC2001 (1)	-	221-870	-	-	-
IC2002 (1)	-	221-869	-	-	-
IC2003 (1)	-	221-703	-	-	-
IC2100	LA7838	221-637-01	NTE7039	ECG7039	-
IC2300	TA8845AN	221-778	-	-	-
IC2500	TA8819N	221-859	-	-	-
IC2700	78M09P	221-166-09	-	-	-

# For SAFETY use only equivalent replacement part.  
(1) Part of PIP module.

SEMICONDUCTORS continued

(Select the replacement that gives the best results.)

Item No.	Type No.	Mfr. Part No.	NTE Part No.	ECG Part No.	TCE Part No.
IC2900	TA8851AN	221-779	-	-	-
# IC3200	M9442DV	221-129	NTE987	ECG987	SK3643
# IC3401	MC3406SP-H	221-749	-	-	-
IC3402	-	221-213-04	NTE966	ECG966	SK3592
IC6000	-	221-900-03	-	-	-
-	(2)	221-899	-	-	-
IC6001	-	221-745-04	-	-	-
IC6003	TDA8137	221-700-03	-	-	-
# ICX3405	T41P621	162-28	-	-	-
Q1201	-	121-1171	-	-	-
Q2001,02 (1)	-	121-1232A	NTE123AP	ECG123AP	SK3854
Q2003 (1)	-	121-1133A	NTE2407	ECG2407	SK10098
Q2004, 05, 06 (1)	-	121-1019A	NTE159	ECG159	SK3466
Q2007, 08, 09 (1)	-	121-1232A	NTE123AP	ECG123AP	SK3854
Q2010 (1)	-	121-1130A	-	-	-
Q2104	-	121-1232A	NTE123AP	ECG123AP	SK3854
Q2200, 01	-	121-1130B	-	-	-
Q2203, 04	-	121-1130B	-	-	-
Q2205	-	121-1019A	NTE159	ECG159	SK3466
Q2500	-	121-1019A	NTE159	ECG159	SK3466
Q2901	-	121-1130B	-	-	-
Q4000	-	121-1040A	NTE123AP	ECG123AP	SK3854
Q4001	-	121-1102A	NTE290A	ECG290A	SK3114A
Q5101, 02, 03	-	121-1291-01	-	-	-
Q5104 Thru	-	-	-	-	-
Q5109	-	121-1232A	NTE123AP	ECG123AP	SK3854
Q5110, 11, 12	-	121-1059A	NTE159	ECG159	SK3466
Q5113, 14, 15	-	121-1232A	NTE123AP	ECG123AP	SK3854
Q5116	-	121-978-01A	NTE159	ECG159	SK3466
Q5117 Thru	-	-	-	-	-
Q5121	-	121-1232A	NTE123AP	ECG123AP	SK3854
Q6000, 01	-	121-1232A	NTE123AP	ECG123AP	SK3854
Q6007, 08	-	121-1130B	-	-	-
Q6080, 81, 82	-	121-1130B	-	-	-
Q7500	-	121-975A	NTE123AP	ECG123AP	SK3854
# QX3201	-	121-1187	-	-	-
# QX3202, 03, 04	-	121-1232A	NTE123AP	ECG123AP	SK3854
# QX3206	-	121-1290	-	-	-
# QX3208	-	121-1148-01	-	-	-
# QX3401	-	121-1189-01	-	-	-
# QX3402	-	121-1190	-	-	-
# QX3403	-	121-1232A	NTE123AP	ECG123AP	SK3854
# QX3404	-	121-1102A	NTE290A	ECG290A	SK3114A

TUNER

CR1, 2, 3	-	103-488A	-	-	-
CR4, 5	-	103-487A	-	-	-
CR7, 8	-	103-488A	-	-	-
CR10	-	103-487A	-	-	-
CR11	-	103-488A	-	-	-
CR12	-	103-487A	-	-	-
CR14, 15	-	103-488A	-	-	-
CR101 Thru	-	-	-	-	-
CR106	-	103-487A	-	-	-
IC1	-	221-748	-	-	-

# For SAFETY use only equivalent replacement part.  
(1) Part of PIP module.  
(2) Used in models SM2784BT, SM2789BT7, and SM2789BT7.

SEMICONDUCTORS continued

(Select the replacement that gives the best results.)

Item No.	Type No.	Mfr. Part No.	NTE Part No.	ECG Part No.	TCE Part No.
IC2	-	221-760	-	-	-
Q1	-	121-1216A	-	-	-
-	-	121-1216-02A	-	-	-
Q3 Thru	-	-	-	-	-
Q6	-	121-1282A	-	-	-
Q7	-	121-1130A	-	-	-
Q101	-	121-1162A	-	-	-

CAPACITORS & ELECTROLYTICS

Item No.	Rating	Mfr. Part No.
C808, 58	2.2µF 20% 50V NP	22-8190-02A
C1421	2.2µF 20% 50V NP	22-8190-02A
C1424	3.3µF 5% 50V	22-7669-14A
C2212	47µF 20% 6.3V NP	22-8185-08A
C2304	12pF 5% 50V N075	22-8243-12A
C2911	22µF 20% 10V NP	22-8186-06A
C2916, 17	47µF 20% 6.3V NP	22-8185-08A
C3231	1µF 20% 50V NP	22-8057-04A
C3260	470pF 10% 1kV	22-7811-01A
# C3406	100µF 20% 25V	22-8154-18A
C3483, 84	.001 10% 2kV	22-7523
C3482	680pF 10% 1.5kV	22-7755-01
C3487	.001 10% 1kV	22-8160-01
C3490	.001 10% 1kV	22-7811A
C5101	.01 +80% -20% 1.5kV	22-7755
C5107	8pF ±.5pF 50V N750	22-8253-08A
C5108	12pF 5% 50V N750	22-8253-12A
C5109	8pF ±.5pF 50V N750	22-8253-08A
C5110	.01 +80% -20% 1.5kV	22-7755
C5112	600pF 10% 2kV	22-6461
# CX804	1500µF 20% 25V	22-8154-25
# CX811	1000µF 20% 35V	22-8155-24
# CX854	1500µF 20% 25V	22-8154-25
# CX895	1000µF 20% 25V	22-8154-24
# CX2105	220µF 20% 35V	22-8155-20
# CX2109	2200µF 20% 25V	22-8154-26
# CX2110	100µF 20% 35V	22-8155-18A
# CX2913	100µF 20% 16V	22-8309-12A
# CX3204	47µF 20% 35V	22-8155-16A
# CX3205	.01 20% 2kV	22-7523-01D
# CX3208	4.7µF 20% 50V NP	22-8057-01
# CX3214	100µF 20% 16V	22-8153-18A
# CX3216	.01 20% 2kV	22-7523-01D
# CX3220	.1 5% 50V	22-7917-12B
# CX3222	530pF 10% 3kV	22-8063
# CX3224	100µF 20% 50V	22-8312-12A
# CX3231	270pF 5% 3kV	22-8063-01
# CX3232	530pF 10% 3kV	22-8063
# CX3268	2200µF 20% 35V	22-8155-26
# CX3296	10µF 20% 315V	22-7999-02B
# CX3401	.22 20% 250VAC	22-7886-01

# For SAFETY use only equivalent replacement part.



PARTS LIST continued

CAPACITORS & ELECTROLYTICS continued

Item No.	Rating	Mfr. Part No.
# CX3404	470µF 20% 200V	22-7908-02B
# CX3405	.001 10% 2kV	22-7523
	.0033 10% 2kV	-
# CX3413	.0047 20% 250VAC	22-7431-06
# CX3414	47µF 20% 35V	22-8155-16A
# CX3417	2200µF 20% 25V	22-8154-26
# CX3421	330µF 20% 200V	22-7908-01B
# CX3422	2200µF 20% 50V	22-8156-26
# CX3229	.014 3% 1.6kV	22-8229-39
# CX3430	.0047 20% 250VAC	22-7431-06
# CX3431	.0022 20% 250VAC	22-7431-12
	.0047 20% 250VAC	22-7431-06
# CX3444	1000µF 20% 25V	22-8310-16
	680µF 20% 35V	22-8155-32
# CX3452	10µF 20% 200V	22-7962-11
# CX3475	1000µF 20% 50V	22-8156-24
	47µF 20% 50V	-
# CX3481	.001 10% 500V	22-7786C
# CX3485	.0047 20% 250VAC	22-7431-06
# CX5117	220µF 20% 25V	22-8310-13A

TUNER

C2, C4, C7	.001 +130% -0% 50V Feedthru	22-7894-06
C9	82pF 10% 50V Feedthru	22-7993-06
C10, 11	.001 +80% -20% 50V Feedthru	22-8304-02
C13, 14	43pF 20% 50V Feedthru	22-8303-03

# For SAFETY use only equivalent replacement part.

CONTROLS & RESISTORS

Item No.	Function/Rating	Mfr. Part No.	NTE Part No.
R1207	10K AGC Delay	63-10857-12	-
R1223	10K Video	63-10957-12	-
R1432	30.1K 1% 1/8W SMT	63-11116-46	-
R2112	22K Vertical Size	63-10854-07	-
R2719	200 2% 1/4W	63-10233-55	QW120
R3201	69.8K 1% 1/4W	63-10938-97	-
R3228	110K 1% 1/4W	63-10940-04	-
R3230	41.2K 1% 1/4W	63-10938-69	-
R3249	1000 Horizontal Size	63-10854	-
R3251	46.4K 1% 1/4W	63-10938-75	-
# R3405	8660 1% 1/4W	63-10937-07	-
# R3406	2210 1% 1/4W	63-10936-37	-
R3415	.15 10% 3W	63-11235-02	-
# R3416	3.3 5% 1/4W	63-10235-12	QW3D3
	62 5% 1/4W	-	QW062
R3428	15K 1% 1/4W	63-10938-18	-
R3429	1400 1% 1/4W SMT	63-11094-14	-
R5101, 02, 03	3300 2% 1/4W	63-10233-84	QW233
R5104, 05, 06	4300 2% 1/4W	63-10233-87	QW243
R5110, 11, 12	120K 2% 1/2W	63-10242-22	HW412
R5116, 17, 18	6800 5% 3W	63-10840-92B	3W268

# For SAFETY use only equivalent replacement part.

CONTROLS & RESISTORS continued

Item No.	Function/Rating	Mfr. Part No.	NTE Part No.
R5130	820 2% 1/4W	63-10233-70	QW182
R5148	1600 2% 1/4W	63-10233-77	QW216
R5149	300 2% 1/4W	63-10233-59	QW130
R5176	560 2% 1/4W	63-10233-66	QW156
# RX801	39 5% 1/4W	63-10559-38C	QW039
# RX811	.22 5% 1W	63-10833-25A	1WD22
# RX1499	680 5% 1/2W	63-10565-68	HW168
# RX2110	4.7 5% 1/2W	63-11110-16	HW4D7
# RX2115	1.8 5% 1/2W	63-11110-06	HW1D8
# RX2126	1.5 5% 1/2W	63-11110-04	HW1D5
# RX2741	22	-	-
# RX3204	10K 1% 1/4W	63-10938	-
# RX3205	.1 5% 1/2W	63-10829-25A	HWD10
# RX3206	2200 2% 1/2W	63-10241-80	HW222
# RX3208	100 5% 1/4W	63-10235-48	QW110
# RX3209	1540 1% 1/4W	63-10936-19	-
	1470 1% 1/4W	63-10936-17	-
# RX3213	61.9K 1% 1/4W	63-10938-90	-
# RX3215	6810 1% 1/4W SMT	63-11094-80	-
# RX3216	1000 5% 1/4W	63-10235-72	QW210
# RX3225, 26	2000 5% 1/2W	63-10243-79	HW220
# RX3237	4.7 5% 5W Wirewound	63-10442-40B	5W4D7
# RX3238	.33 5% 2W Wirewound	63-10420-12	-
# RX3242	1 5% 1/2W	63-10565	HW1D0
# RX3260	110K 5% 1/2W	63-10244-21	HW411
# RX3263, 64	750 5% 1W	63-10832-69B	1W175
# RX3277	2.7 5% 1/2W	63-10565-10	HW2D7
# RX3401	5.6M 20% 1/2W	63-11264-01	HW556
# RX3402	4300 5% 3W	63-10840-87B	3W243
# RX3407	150K 5% 1/4W SMT	63-11021-25	-
# RX3417	18K 5% 3W	63-10841-02B	3W318
# RX3434	56K 5% 1W	63-10833-14B	1W356
# RX3435	14.5 Cold PTC	63-10710A	-
# RX3437	.47 5% 5W Wirewound	63-10444-16	5WD47
# RX6030	5.6 5% 5W Wirewound	63-10442-42A	-
	10 5% 5W Wirewound	-	5W010

# For SAFETY use only equivalent replacement part.

COILS & TRANSFORMERS

Item No.	Function/Rating	Mfr. Part No.
DY1	Yoke 100° Horiz 1mH Vert 17.8mH	95-3797-05
L1200	120µH	20-4381-33A
L1201	1µH	20-4129-08
L1201A	4.5MHz Detector	20-4278B
L1202	.39µH	20-4277-05
L1205	AFT	20-4493A
L1206	VCO	204493A
L1207	12µH	20-4277-23
L1411	10µH	20-4129-20
L2201	27µH	20-4277-44A

COILS & TRANSFORMERS continued

Item No.	Function/Rating	Mfr. Part No.
L2203	3.58MHz Trap	105-215A
L2205	10µH	20-4129-20
L2300	10µH	20-4129-20
L2500	10µH	20-4129-20
L2502, 03, 04	6.8µH	20-3907-10A
L2700	10µH	20-3907-12A
L2701	100µH	20-4129-32
L2900	10µH	20-4129-20
L2901, 02	27µH	20-4277-44A
L3200	Degaussing	20-4330-05
L3201	Ring Filter	20-4308
L3202	56µH	20-3907-21A
L3210	Ferrite Bead	149-454
L3211	Ferrite Bead	149-583-01
L3298, 99	Ferrite Bead	149-576-01
L3401, 02	68µH	20-4405-47
L3407	Ferrite Bead	149-576
L3408	Ferrite Bead	149-583-01
L3409	Ferrite Bead	149-576
L3412	Ferrite Bead	149-583-01
L3498	Ferrite Bead	149-576-01
L3499	Ferrite Bead	-
L5101	100µH	20-3907-24A
L5102, 03, 04	18µH	20-3907-15A
L6000	1µH	20-4129-08
L6001	100µH	20-3907-24A
L6003	Ferrite Bead	-
L6010, 11, 12 (1)	Ferrite Bead	149-549
L6013	10µH	20-4129-20
# LX3201	-	20-4284-09
# LX3262	Horizontal Linearity	20-4073-03
# LX3410	Ring Filter	20-4308
# TX3204	Horizontal Output	95-4134-07
# TX3205	Horizontal Driver	95-4135-02
# TX3401	Chopper	95-4421
# TX3402	Chopper	95-4383
# TX3403	Line Choke	95-3868-03
# TX7500	75 Ohms Splitter	95-3813
# TX7501	75 Ohms Splitter	95-3812

TUNER

L2	-	20-4328-52
	-	20-4470-04
L3	-	20-4329-34
	-	20-4470-03
L4	-	20-4328-33
	-	20-4470-05
L5	-	20-4328-34
	-	20-4470-06
L6	-	20-4328-35
	-	20-4470-07
L7	-	20-4328-36
	-	20-4470-08
L8	-	20-4328-36
	-	20-4470-09

# For SAFETY use only equivalent replacement part.

(1) Used in models SM2784BT, SM2787BT7, and SM2789BT7.

COILS & TRANSFORMERS continued

Item No.	Function/Rating	Mfr. Part No.
L9	-	20-4328-38
	-	20-4470-10
L10	-	20-4328-39
	-	20-4470-11
L13	-	20-4329-37
	-	20-4470-02
L14	-	20-4328-40
	-	20-4470
L15	-	20-4328-54
	-	20-4470-13
L16	-	20-4328-37
	-	20-4470-12
L17	-	20-4329-37
	-	20-4470-02
L19	-	20-4328-42
	-	20-4470-14
L22	-	20-4328-43
	-	20-4470-15
L23	-	20-4328-44
	-	20-4470-16
L30	-	20-4328-45
	-	20-4470-17
L100	-	20-4325-01
	-	20-4470-27
L101	-	20-4328-46
	-	20-4470-18
L102	-	20-4442
L103	-	20-4327-10
	-	20-4470-28
L104	-	20-4327-10
	-	20-4470-29
L106	-	20-4328-47
	-	20-4470-19
L107	-	20-4328-48
	-	20-4470-20
L108	-	20-4328-49
	-	20-4470-21
L109	-	20-4328-50
	-	20-4470-22
L111	-	20-4328-51
	-	20-4470-23
L112	-	20-4328-52
L113	-	20-4328-53
	-	20-4470-25
L114	.22µH	20-4277-60
L117	-	20-4328-54
	-	20-4470-26
L118	3.3µH	20-4277-16A
L149	1µH	20-4277-10A

PARTS LIST continued

MISCELLANEOUS

Item No.	Description	Mfr. Part No.	Notes
CR6000	Crystal	224-157A	12.083916MHz
DL2200	Filter	223-45	Comb
	Filter	223-30	Comb
E5101, 02, 03	Spark Gap	52-2240-06A	-
E5104	Spark Gap	52-2240-07	-
FOCUS	Block	43-2222-02	Focus, G2 (Screen)
# E3401	Spark Gap	38-102	4kV
# FX3401	Fuse	136-113-23A	4Amp, 250V, Normal Lag
# FX3402	Fuse	136-148-25	4Amp, 125V, Normal Lag
# FX3403	Fuse	136-148-23	3Amp, 250V, Normal Lag
IR1	Receiver	162-35	Remote
J1	Jack	78-3403	Video Loop Output
J1A (1)	Jack	A-17892	Starsight
J2	Jack	78-3402-01	Audio Loop Output Left
J3	Jack	78-3402	Audio Loop Output Right
J4	Jack	78-3402-02	Video 1 Input
J5	Jack	78-3402-01	Audio 1 Input Left
J6	Jack	78-3402	Audio 1 Input Right
J7	Jack	78-3402-01	Variable Audio Output Left
J8	Jack	78-3402	Variable Audio Output Right
J10	Jack	78-3404	S-Video
J11	Jack	78-3402-02	Video 2 Input
J12	Jack	78-3402	Audio 2 Input Right
J13	Jack	78-3402-01	Audio 2 Input Left
J14	Jack	78-3402	S-Video Audio 1 Input Right
J15	Jack	78-3402-01	S-Video Audio 1 Input Left
J16	Jack	83-9369	Surround Speakers
# KX3401	Relay	195-158	Degaussing
# KX7500	Relay	195-136-01	Antenna
L2200	Delay Line	105-220	-
P3401	Line Cord	11-384-02	AC, Polarized
(2)	Line Cord	A-17339	AC, Polarized (Includes Connector Housing)
SW1A	Switch	85-1778-03	Speaker
SP1, 2	Speaker	49-1368-03	2 1/2" X 5", 16 Ohms, 5W
SW1	Switch	85-1691A	Off/On
SW2	Switch	85-1691A	Channel Up
SW3	Switch	85-1691A	Channel Down
SW4	Switch	85-1691A	Volume Up
SW5	Switch	85-1691A	Volume Down
SW6	Switch	85-1691A	Menu
SW7	Switch	85-1691A	Select
SW8	Switch	85-1691A	Adjust Right
SW9	Switch	85-1691A	Adjust Left
SW10	Switch	85-1691A	Enter
TU6000 (3)	Tuner	175-2400	UHF/VHF
U1201	Filter	224-148	SAW
U1203	Trap	224-23	4.5MHz
U1204	Filter	224-54	4.5MHz
V1	CRT	A68AGD00XX	-
X2001	Crystal	224-61-03	14.318180MHz
X2300	Crystal	224-27	3.58MHz
X2700	Crystal	224-90	503kHz

# For SAFETY use only equivalent replacement part.  
(1) Used in models SM2784BT8 and SM2789BT8.  
(2) Used in models SM2784BT, SM2787BT7, SM2789BT7, and SM2789BT8.  
(3) Contact PTS Electronics Corporation for replacement; order by manufacturer's part number.

MISCELLANEOUS continued

Item No.	Description	Mfr. Part No.	Notes
	Balun (4)	A-14323	Antenna
	Fuse Holder	19-840-02	For FX3401
	IR Emitter (5)	A-17794-01	VCR Controller/Decoder
	Kit (1)	A-17917	Starsight
	Module	9-1320	IF
	Module	9-1385	PIP
	Module (1)	9-1321	Starsight
	PC Board (3)(1)	A-15457	Jack Pack (Antenna Splitter)
	PC Board (3)(1)	A-18011	Jack, Switch (Audio/Video)
	PC Board (3)(6)	A-17305	Jack, Switch (Audio/Video)
	PC Board (3)	A-17931	Keyboard
	PC Board (3)(1)	9-1427-01	Main
	PC Board (3)(6)	9-1426-01	Main
	PC Board (3)	9-1268-02	Sweep/SMPS
	PC Board (3)	9-1298-03	Video Output
	Socket	78-3394-01	CRT
	Splitter (1)	A-18043	75 Ohms
	Transmitter (7)	124-185-06	Remote
	Transmitter (8)	124-191-13A	Remote
	Transmitter (9)	124-203-01	Remote
	Transmitter (1)	124-205-01	Remote (Starsight)
	Wedge	152-335	Yoke Positioning (3 Used)

TUNER

XT1	Crystal	224-138	4MHz
	Crystal (6)	224-32-05	4MHz

# For SAFETY use only equivalent replacement part.  
(1) Used in models SM2784BT8 and SM2789BT8.  
(2) Used in models SM2784BT, SM2787BT7, SM2789BT7, and SM2789BT8.  
(3) Contact PTS Electronics Corporation for replacement; order by manufacturer's part number.  
(4) Used in model SM2787BT7.  
(5) Used in model SM2784BT8.  
(6) Used in models SM2784BT, SM2787BT7, and SM2789BT7.  
(7) Used in models SM2789BT7 (some versions) and SM2789BT8.  
(8) Used in models SM2787BT7 and SM2789BT7 (some versions).  
(9) Used in models SM2784BT.

TEST EQUIPMENT

Test equipment listed by participating manufacturer illustrates typical or equivalent equipment used by Sams engineers to obtain measurements. This equipment is compatible with most types used by field service technicians.

Equipment	Sencore No.	Equipment	Sencore No.
Oscilloscope	SC3100	Isolation Transformer	PR57
Generators		Capacitance Analyzer	LC101, LC102
RGB	CM2000	CRT Analyzer	CR70
Multiburst Signal	VG91	AC Leakage Tester	PR57
Color Bar	VG91	Inductance Analyzer	LC101, LC102
TV Stereo	VG91	Flyback Yoke Tester	TVA92
Digital VOM	SC3100	TV Stereo Power Monitor	SR68, PA81
Frequency Meter	SC3100	Field Strength Meter	SL750
Hi-Voltage Probe	HP200	Transistor Tester	TF46
Accessory Probes	TP212	Video Analyzer	VG91, TVA92

CABINET PARTS

Item	Part No.
<b>Model SM2784BT</b>	
Cabinet Front	14-11973-68
Cabinet Rear	14-11916-02
Cabinet Tray	14-11975
Jack Pack Panel	12-10266-02
Jack Pack Panel Overlay	30-1425-04
Knob - Pushbutton (1)	194-2535
Lens - Primary Controls and IR	192-858
<b>Model SM2784BT8</b>	
Cabinet Front	14-11973-68
Cabinet Rear	14-11916-05
Cabinet Tray	14-11975
Jack Pack Panel	12-10266-02
Jack Pack Panel Overlay	30-1425-04
Knob - Pushbutton (1)	194-2535
Lens - Primary Controls and IR	192-858
<b>Model SM2787BT7</b>	
Cabinet Front	14-12186-02
Cabinet Rear	14-12185
Cabinet Tray	14-12038
Grille - Speaker	138-1911
Grille - Speaker Left	138-1912
Jack Pack Panel	12-10266-02
Jack Pack Panel Overlay	30-1425-04
Knob - Pushbutton (1)	194-2535
Lens - Primary Controls and IR	192-858-01
<b>Model SM2789BT7</b>	
Cabinet Front	14-12186-02
Cabinet Rear	14-12185
Cabinet Tray	14-12038
Grille - Speaker	138-1911
Grille - Speaker Left	138-1912
Jack Pack Panel	12-10266-02
Jack Pack Panel Overlay	30-1425-04
Knob - Pushbutton (1)	194-2535
Lens - Primary Controls and IR	192-858-01
<b>Model SM2789BT8</b>	
Cabinet Front	14-12186-02
Cabinet Rear	14-12185-01
Cabinet Tray	14-12038
Grille - Speaker	138-1911
Grille - Speaker Left	138-1912
Jack Pack Panel	12-10266-02
Jack Pack Panel Overlay	30-1425-04
Knob - Pushbutton (1)	194-2535
Lens - Primary Controls and IR	192-858-01

(1) Part of keyboard.

Important Parts Information

- The parts listed here are those not usually available from a well-stocked supply cabinet or bin.
- Where items may be replaced with equivalent parts, several alternates are shown from participating vendors.
- On the parts lists, safety items are marked with a # to remind you that only exact replacements are recommended for these items.
- When ordering parts, state the model number, part number, and description.

Obtaining Parts

Many of these parts are available from your local Sams authorized distributor or the manufacturer of the equipment. Call Sams for the name of your nearest distributor:

800-428-7267

Or consult the Sams *Annual Index* for the address of the original equipment manufacturer.

Participating Vendors

Information on test equipment and replacement parts is listed in these pages for the following participating vendors. Consult the Sams *Annual Index* for their current address.

- Custom Components Corporation (Chek-A-Color)
- NTE Electronics, Inc. (NTE)
- Phillips ECG Company (ECG)
- PTS Electronics Corporation (PTS)
- Sencore, Inc.
- Thomson Consumer Electronics, Inc. (SK, TCE)



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