

SECTION VIII

8. PARTS LIST

COMPLETE ASS'Y

REF	QTY	PART NUMBER	DESCRIPTION
	1	1900-1705-00	IF BOARD, RX ASSEMBLY
	1	1900-0363-00	ASSY, CHASSIS, TRT250D
	1	1900-0364-00	ASSY, FRONT PANEL, TRT250D
	1	1900-1173-12	ASSY, PAWL BRACKET
	1	1900-1706-00	ASSY, RECEIVER, TRT250
	1	1900-1707-00	ASSY, TRANSMITTER, TRT250
	1	1900-1708-10	ASSY, PCB, MOD/PS, TRT250D
	1	1900-1709-10	ASSY, PCB, DIGITAL, TRT250
	1	1900-1712-02	ASSY, INTERCONNECT CABLE, TRT250
	1	1900-6210-01	ASSY, RF CONNECTOR
	1	9010-6327-02	COVER, RECEIVER, TRT250
	1	9010-6348-01	INSULATOR, DIGITAL BOARD
	1	9010-6349-01	COVER INSULATOR, TRT250
	1	9010-6349-02	INSULATOR, PS/MOD BOARD
	1	9010-6667-13	REAR PLATE, TRT250D
	1	9010-6696-12	SPACER BLOCK, TRT250D
	1	9-1515-837-00	CAP, AL ELECT, 330uF, 25V, RADI
	1	9-2852-010-40	LUG, SOLDER, #4
	1	9-2870-209-00	WASHER, NYLON SHOULDER, 0.115 ID
	1	9-2876-115-01	SPACER, #4, CLEARANCE
	1	9-3155-108-00	INSULATOR, TO220

DIS123

FRONT PANEL ASS'Y

	1	1900-0332-00	ASS'Y, DISPLAY BOARD #1
	1	1900-0333-00	ASS'Y, DISPLAY BOARD #2
	1	1900-0337-00	ASS'Y, CONTROLLER BOARD, TRT250D
	1	9010-6470-01	WINDOW, PHOTORESISTOR
	1	9010-6619-03	KNOB
	1	9010-6619-13	KNOB
	1	9010-6622-01	FILTER, DISPLAY
	3	9010-6623-01	SPACER, F/F, 2-56
	1	9010-6633-24	FRONT PANEL, TRT250D
	1	9-3810-011-00	KEYTOP, SWAP "<->"
	1	9-3810-011-02	KEYTOP, VFR

DISPLAY #1 ASS'Y

DS901	1	9-3750-180-02	DISPLAY, GAS DISCHARGE
J901	1	9-2185-193-24	CONN, SOCKET STRIP, 24 PIN
LDR901	1	9-3710-106-00	PHOTO RESISTOR, 11K-1M OHM
P1	1	9-2185-183-13	CONN, HEADER, MALE, SR, 13 PIN

DISPLAY #1 ASS'Y

REF	QTY	PART NUMBER	DESCRIPTION
P2	1	9-2185-183-04	CONN, HEADER, MALE, SR, 4 PIN
P3	1	9-2185-188-04	CONN, TERM STRIP, DR, 8 PIN
Q901	1	9-4861-002-00	XSTR, HIGH VOLTAGE
Q902	1	9-4861-003-00	XSTR, HIGH VOLTAGE
Q903	1	9-4861-003-00	XSTR, HIGH VOLTAGE
Q904	1	9-4861-002-00	XSTR, HIGH VOLTAGE
R901	1	9-4745-647-20	RES, 470K OHM 5%
R902	1	9-4745-710-20	RES, 1M OHM 5%
R903	1	9-4745-710-20	RES, 1M OHM 5%
R904	1	9-4745-533-20	RES, 33K OHM 5%
R905	1	9-4745-520-20	RES, 20K OHM 5%
R906	1	9-4745-512-20	RES, 12K OHM 5%
R907	1	9-4745-556-20	RES, 56K OHM 5%
R908	1	9-4745-556-20	RES, 56K OHM 5%
R909	1	NOT USED	
R910	1	NOT USED	
R911	1	9-4745-610-20	RES, 100K OHM 5%
R912	1	9-4745-610-20	RES, 100K OHM 5%
R913	1	9-4745-510-20	RES, 10K OHM 5%
R914	1	9-4745-636-20	RES, 360K OHM 5%
R915	1	9-4745-510-20	RES, 10K OHM 5%
R916	1	9-4745-510-20	RES, 10K OHM 5%
R917	1	9-4745-668-20	RES, 680K OHM 5%
R918	1	9-4745-510-20	RES, 10K OHM 5%
SW901	1	9-5150-177-00	SWITCH, ELASTOMERIC CONTACT
SW902	1	9-5150-177-00	SWITCH, ELASTOMERIC CONTACT
U901	1	9-3130-015-00	IC, UDN6118A-1 9-3130-054-00
	1	7010-0024-02	PC BOARD, DISPLAY #1
	1	9010-6632-14	BRACKET, DISPLAY

DISPLAY #2 ASS'Y

C801	1	9-1551-610-00	CAP, TANT 1.0uF 15V
J1	1	9-2185-182-13	CONN, HEADER, FEMALE, SR, 13 PIN
J2	1	9-2185-182-04	CONN, HEADER, FEMALE, SR, 4 PIN
J3	1	9-2185-189-04	CONN, HEADER, FEMALE, DR, 8 PIN
J4	1	9-2185-180-12	CONN, HEADER, FEMALE, DR, 24 PIN
R801	1	9-4745-568-20	RES, 68K OHM 5%
R802	1	9-4745-568-20	RES, 68K OHM 5%
R803	1	9-4745-568-20	RES, 68K OHM 5%
R804	1	9-4745-568-20	RES, 68K OHM 5%
R805	1	9-4745-568-20	RES, 68K OHM 5%
R806	1	9-4705-490-90	RES, CHIP, 1206, 909K OHM, 1%

217-c/1135.00v

DISPLAY #2 ASS'Y

REF	QTY	PART NUMBER	DESCRIPTION
R807	1	9-4747-002-00	POT, 100K OHM
R808	1	9-4705-333-20	RES: CHIP, 1206, 33.2K OHM, 1% <i>(9-4705-333-00)</i>
U801	1	9-3130-014-00	IC, UDN7180A SEGMENT DRIVER - <i>(9-3130-013-00v)</i>
	1	7010-0025-02	PC BOARD, DISPLAY #2

CONTROLLER ASS'Y

A4P2	1	9-2185-173-25	CONN, TERMINAL STRIP, 25 PIN
A5P3	1	9-2191-209-08	CONN, IN-LINE CRIMP CONN HOUSING
A4P4	1	9-2191-209-02	CONN, IN-LINE CRIMP CONN HOUSING
C701	1	9-1552-133-00	CAP, CER 33pF 10% 50V
C702	1	9-1552-133-00	CAP, CER 33pF 10% 50V
C703	1	9-1551-610-00	CAP, TANT. 1.0uF 15V
C704	1	9-1552-268-00	CAP, CER 680pF 50V 10%
C705	1	9-1517-221-00	CAP, ALUM ELECT, 220uF, 16V, 20%
C706	1	9-1517-047-10	CAP, ALUM ELECT, 4.7uF, 100V
C707	1	9-1517-047-10	CAP, ALUM ELECT, 4.7uF, 100V
C708	1	9-1552-510-00	CAP, CER 0.1uF 20% 50V
C709	1	9-1552-510-00	CAP, CER 0.1uF 20% 50V
C710	1	9-1517-221-00	CAP, ALUM ELECT, 220uF, 16V, 20%
C711	1	9-1515-836-00	CAP, ALUM ELECT, 470uF, 6.3V, 20%
CR701	1	9-4860-005-00	DIODE, ZENER, 91V
CR702	1	9-4860-002-00	DIODE, ULTRA FAST POWER
CR703	1	9-4860-002-00	DIODE, ULTRA FAST POWER
CR704	1	9-4860-001-00	DIODE, SWITCHING, SURFACE MOUNT
CR705	1	9-4860-004-00	DIODE, DUAL, SW COM. CATHODE
P4	1	9-2185-190-12	CONN, TERM STRIP, DR, RA, 24 PIN
Q701	1	9-4861-004-00	XSTR, NPN, SWITCHING
Q702	1	9-4851-116-00	XSTR, TIP 126 PWR DARLINGTON
R701	1	9-4745-556-20	RES, 56K OHM, 5%
R702	1	9-4744-024-20	RES, .24 OHM, ROUND PKG, 5%
R703	1	9-4745-468-20	RES, 6.8K OHM, 5%
R704	1	9-4747-002-00	POT, 100K OHM
R705	1	9-4711-212-20	RES, 12 OHM, 1/4 W, 5%
R706	1	9-4745-422-20	RES, 2.2K OHM 5%
R707	1	9-4711-347-20	RES, 470 OHM, 1/4 W, 5%
R708	1	9-4745-647-20	RES, 470K OHM, 5%
R709	1	9-4703-310-00	RES, CHIP, 0805, 10.0K OHM
R710	1	9-4703-310-00	RES, CHIP, 0805, 10.0K OHM
RP701	1	9-4748-001-00	RES NETWORK, SIP, 100K SMT
RP702	1	9-4746-001-00	RES NETWORK, 100K DIP
SW701	1	9-5190-133-00	SWITCH, TUNING ENCODER W/ PUSH
SW702	1	9-5190-137-00	SWITCH, FUNCTION, TRT250D
T701	1	9-5640-338-00	XFMR, HIGH VOLTAGE

CONTROLLER ASS'Y

REF	QTY	PART NUMBER	DESCRIPTION
		1900-0131-00	ASSY:IC, 75 D108 W/SMT PNL S/W
U702	1	9-3100-002-00	IC, MC33063AD
U703	1	9-3100-003-00	IC, MC78L05CD
Y701	1	9-2351-001-00	4.19MHz RESONATOR
	1	7010-0028-03	PC BOARD, TRT250D CONTROLLER
	1	9010-6693-01	INSULATOR, SHIM
	10	9-2191-210-00	CONN, MOLEX, MALE CRIMP

RECEIVER ASS'Y

C14	1	9-1539-313-10	CAP., FT 1000pF, ISL TYPE S5
C18	1	9-1539-313-10	CAP., FT 1000pF, ISL TYPE S5
C19	1	9-1539-312-00	CAP FT., 100pF, ISL TYPE S5
C20	1	9-1539-312-00	CAP FT., 100pF, ISL TYPE S5
C21	1	9-1539-312-00	CAP FT., 100pF, ISL TYPE S5
C22	1	9-1539-312-00	CAP FT., 100pF, ISL TYPE S5
	1	1900-1704-00	RECEIVER RF PC ASSY
	1	1900-1705-00	RECEIVER IF PC ASSY
	1	1900-7505-01	COAX ASSY TRT 250 RECEIVER
	1	9010-6326-02	CASE, RECEIVER
	1	9010-6328-01	BLOCK, MTG, RECEIVER
	1	9010-6329-01	SUPPORT, BOARD, RCVR IF, REAR
	1	9010-6330-01	SUPPORT, BOARD, RCVR IF FRONT
	1	9010-6331-01	SHIELD, RCVR RF
	1	9-2874-009-00	STAND OFF HEX; 2-56, 250L
	1	9-2874-010-00	STAND OFF HEX; 2-56, 375L
	1"	9-6025-110-00	SEMI RIGID COAX .085 ID 50 OHM

RECEIVER RF ASS'Y

C01	1	9-1533-100-00	CAP CHIP 100PF CENTRALAB
C02	1	9-1533-100-00	CAP CHIP 100PF CENTRALAB
C04	1	9-1530-147-10	CAP, MICA 47 pF
C06	1	9-1530-168-10	CAP, MICA 68 pF
C08	1	9-1504-410-00	CAP, MONO, .01uF 50V
C09	1	9-1560-130-00	CAP, TRIMMER, 1-20pF
C10	1	9-1504-410-00	CAP, MONO, .01uF 50V
C11	1	9-1530-002-00	CAP, MICA 2pF
C12	1	9-1560-130-00	CAP, TRIMMER, 1-20pF
C13	1	9-1530-147-10	CAP, MICA 47 pF
C27	1	9-1530-110-50	CAP, MICA, .10pF, 300v
C28	1	9-1560-131-00	CAP, TRIMMER, .5-2.5 pF
C29	1	9-1560-132-00	CAP, TRIMMER, .5-2.5 pF

RECEIVER RF ASS'Y

REF	QTY	PART NUMBER	DESCRIPTION
C30	1	9-1560-132-00	CAP, TRIMMER, .5-2.5 pF
C31	1	9-1560-132-00	CAP, TRIMMER, .5-2.5 pF
C32	1	9-1560-132-00	CAP, TRIMMER, .5-2.5 pF
C33	1	9-1530-002-00	CAP, MICA 2pF
C36	1	9-1503-510-50	CAP, MONO, .1uF 50V
C37	1	9-1530-002-00	CAP, MICA 2pF
C38	1	9-1503-222-001	CAP, CER MONO, 220pF
C39	1	9-1530-123-00	CAP, MICA, 22pF
CR1	1	9-4814-166-00	DIODE HP 5082-2900
L01	1	9-1849-050-00	INDUCTOR, MOLDED 47uH
L02	1	1900-3521-01	INDUCTOR, 2T #26, .10" ID, CT
L08	1	1900-3522-01	INDUCTOR, 6T #26, .12" ID
L10	1	9-2520-114-00	FERRITE BEAD
L11	1	9-2520-114-00	FERRITE BEAD
L12	1	9-2520-114-00	FERRITE BEAD
L13	1	9-1850-013-00	INDUCTOR, 1.2 uH
Q01	1	9-4851-105-00	TRANSISTOR MOTOROLA BFR90
Q02	1	9-4851-106-00	TRANSISTOR TRW LT 3772
R01	1	9-4711-268-20	RESISTOR, CARB, 68 OHM 5% 1/4W
R02	1	9-4711-422-20	RESISTOR, CARB, 2.2K OHM 5% 1/4W
R03	1	9-4711-322-20	RESISTOR, CARB, 220 OHM 5% 1/4W
R04	1	9-4711-410-20	RESISTOR, CARB, 1K OHM 5% 1/4W
R05	1	9-4711-312-20	RESISTOR, CARB, 120 OHM 5% 1/4W
R06	1	9-4711-433-20	RESISTOR, CARB, 3.3 OHM 5% 1/4W
R07	1	9-4711-527-20	RESISTOR, CARB, 27K OHM 5% 1/4W
R08	1	9-4711-327-20	RESISTOR, CARB, 270 OHM 5% 1/4W
R23	1	9-4711-310-20	RESISTOR, CARB, 100 OHM 5% 1/4W
T01	1	1900-3523-01	TRANSFORMER, HARDLINE COAX CABLE
T02	1	1900-3516-01	RF TRANSFORMER, 14T PRI, 10T SEC
T03	1	1900-3517-01	RF TRANSFORMER, 15T PRI, 8T SEC
	1	7010-1126-30	PCB, TRT250 REC R.F.

RECEIVER IF ASS'Y

C15	1	9-1530-005-00	CAP, MICA 5pF
C16	1	9-1530-005-00	CAP, MICA 5pF
C17	1	9-1530-005-00	CAP, MICA 5pF
C23	1	9-1530-210-31	CAP, MICA 100pF
C24	1	9-1530-210-31	CAP, MICA 100pF
C34	1	9-1503-510-50	CAP, .1MF, EPOXY CER
CR3	1	9-4812-126-00	DIODE 1N4148
L05	1	9-1850-013-00	CHOKER, MOLDED, 1.2uH
L06	1	9-1850-013-00	CHOKER, MOLDED, 1.2uH
L07	1	9-1850-013-00	CHOKER, MOLDED, 1.2uH

RECEIVER IF ASS'Y

REF	QTY	PART NUMBER	DESCRIPTION
L09	1	9-1850-014-00	CHOKE, MOLDED 4.7uH
L12	1	9-2520-114-00	FERRITE BEAD
Q03	1	9-4835-269-00	TRANSISTOR MPS H10
Q04	1	9-4835-269-00	TRANSISTOR MPS H10
Q05	1	9-4835-269-00	TRANSISTOR MPS H10
Q06	1	9-4835-269-00	TRANSISTOR MPS H10
Q07	1	9-4835-269-00	TRANSISTOR MPS H10
R09	1	9-4711-433-20	RESISTOR, CARB 3.3K 5% 1/4W
R10	1	9-4711-339-20	RESISTOR, CARB 390 5% 1/4W
R11	1	9-4711-356-20	RESISTOR, CARB 560 5% 1/4W
R12	1	9-4711-433-20	RESISTOR, CARB 3.3K 5% 1/4W
R13	1	9-4711-339-20	RESISTOR, CARB 390 5% 1/4W
R14	1	9-4711-356-20	RESISTOR, CARB 560 5% 1/4W
R15	1	9-4711-433-20	RESISTOR, CARB 3.3K 5% 1/4W
R16	1	9-4711-339-20	RESISTOR, CARB 390 5% 1/4W
R17	1	9-4711-356-20	RESISTOR, CARB 560 5% 1/4W
R18	1	9-4711-433-20	RESISTOR, CARB 3.3K 5% 1/4W
R19	1	9-4711-339-20	RESISTOR, CARB 390 5% 1/4W
R20	1	9-4711-356-20	RESISTOR, CARB 560 5% 1/4W
R21	1	9-4711-310-20	RESISTOR, CARB 100 5% 1/4W
R22	1	9-4711-410-20	RESISTOR, CARB 1K 5% 1/4W
R24	1	9-4711-315-20	RESISTOR, CARB 150 5% 1/4W
R25	1	9-4711-210-20	RESISTOR, CARB 10 1/4W 5%
R27	1	9-4711-547-20	RESISTOR, CARB 47K 5% 1/4W
	1	7010-1127-30	PC BOARD, TRT250 REC, IF

TRANSMITTER ASS'Y

C01	1	9-1539-312-00	CAP FEED THROUGH, 100pF
C02	1	9-1533-100-00	CAP, CHIP, CER, 100pF
C03	1	9-1560-131-00	CAP, PIST, TRIM, .5-2.5pF
C04	1	9-1539-313-10	CAP, FEED THROUGH, 1000pF
C05	1	9-1533-101-00	CAP, PORCELAIN CHIP, 39pF
C06	1	9-1528-611-00	CAP, POLY CARB, 5.0uF/50V
C07	1	9-1503-448-00	CAP, CERAMIC, .22/50V
C08	1	9-1530-218-50	CAP MICA 180pF
C09	1	9-1533-101-00	CAP, PORCELAIN CHIP, 39pF
C10	1	9-1539-313-10	CAP, FEED THROUGH, 1000pF
C11	1	9-1533-102-00	CAP, CHIP, CER, 4.7pF
C12	1	9-1533-102-00	CAP, CHIP, CER, 4.7pF
C13	1	9-1533-102-00	CAP, CHIP, CER, 4.7pF (OPT.)
C14	1	9-1528-611-00	CAP, POLY CARB, 5.0uF/50V
CR1	1	9-4814-167-00	DIODE, 1N5818
CR2	1	9-4814-172-10	DIODE, ZENER 56V 5% 1W

TRANSMITTER ASS'Y

REF	QTY	PART NUMBER	DESCRIPTION
FB1	2	9-2520-114-00	FERRITE BEAD #56
FB2	2	9-2520-114-00	FERRITE BEAD #56
L01	1	1900-3524-01	INDUCTOR,3 TURN, #18 AWG,1/8"
Q01	1	7-4835-298-01	TRANSISTOR, MRF1090 MA
Q02	1	7-4835-299-01	TRANSISTOR, MRF1150 MA
R01	1	9-4711-122-20	RESISTOR, CARB 2.2OHM 5% 1/4W
	1	1900-7506-01	COAX ASSY TRT 250 XMIT.
	1	7010-1130-30	PCB "1130",TRANSMITTER
	1	7010-1132-30	PCB "1132",TRANSMITTER
	1	7010-1133-30	PCB "1133",TRANSMITTER
	1	7010-1134-30	PCB "1134",TRANSMITTER
	1	7-2852-010-80	LUG, #8 MODIFIED
	1	7-2874-003-01	STAND OFF, MODIFIED
	1	7-2874-005-01	STANDOFF, MODIFIED
	1	9010-6332-01	HEAT SINK
	3	9010-6333-01	SPACER, CAVITY
	1	9010-6333-11	SPACER, CAVITY, NOTCHED
	1	9010-6335-01	SHIELD, TRANSMITTER
	1	9010-6336-02	COVER, TRANSMITTER
	1	9010-6339-01	MOUNTING PLATE, XMITTER TRT250
	2	9010-6351-01	STAND OFF, HEX MODIFIED
	.5'	9-6025-109-00	COAX, RG 316 50 OHM, .110

POWER SUPPLY MODULATOR ASS'Y

	1	7010-1129-30	PCB, TRT 250 MOD/P.S.
	5	9-3157-018-00	SLEEVING, CLEAR, TFE, 18 AWG, 2"
	8	9-2191-211-00	CONN, MOLEX, FEMALE CRIMP
C01	1	9-1515-832-00	CAP, AL ELEC, 100 μ F, 35V RADIAL
C02	1	9-1515-832-00	CAP, AL ELEC, 100 μ F, 35V RADIAL
C03	1	9-1503-448-00	CAP, MONO, .22 μ F 50V
C04	1	9-1515-833-00	CAP, AL ELEC, 150 μ F 25V
C05	1	9-1515-833-10	CAP, ELEC, RADIAL, 100 μ F, 25V
C06	1	9-1515-847-00	CAP, AL ELEC, 47 μ F 10 RADIAL
C07	1	9-1511-610-20	CAP, TANT, TUB, 1 μ F 10%
C08	1	9-1515-722-10	CAP, ELECT, 22 μ F 16V RADIAL
C09	1	9-1515-835-00	CAP, ALUM ELECT, 47 μ F, 63V
C10	1	9-1512-610-50	CAP, TANT, DIP, 1.0 μ F, 35V
C11	1	9-1517-220-00	CAP, ELEC, 22 μ F, 25V, RADIAL
C12	1	9-1503-310-00	CAP, MONO, 1000pF 100V NPO
C13	1	9-1545-548-00	CAP, POLYSTYRENE, .001 μ F
C14	1	9-1503-346-00	CAP, MONO, 4700pF, 100V, NPO
C15	1	9-1511-610-20	CAP, TANT, TUB, 1 μ F 10%
C16	1	9-1530-123-00	CAP, MICA, 22pF

POWER SUPPLY MODULATOR ASS'Y

REF	QTY	PART NUMBER	DESCRIPTION
C17	1	9-1505-100-00	CAP, CER TUB, 270 pF
C18	1	9-1530-210-31	CAP, MICA, 100pF
C19	1	9-1515-722-10	CAP, ELECT, 22 μ F 16V RADIAL
C20	1	9-1515-836-00	CAP, AL ELEC, 470 μ F, 6V, RADIAL
C21	1	9-1528-610-00	CAP, POLYCARB, 1.0 μ F
C22	1	9-1503-510-50	CAP, CER MONO, 0.1 μ F, 50V
C23	1	9-1515-835-00	CAP, ALUM ELECT, 47 μ F, 63V
C24	1	9-1515-835-00	CAP, ALUM ELECT, 47 μ F, 63V
C25	1	9-1503-322-00	CAP, MONO, .0022 μ F
CR01	1	9-4814-167-00	DIODE, 1N5818
CR02	1	9-4814-167-00	DIODE, 1N5818
CR03	1	9-4814-168-00	DIODE, UES-1002
CR04	1	9-4814-168-00	DIODE, UES-1002
CR05	1	9-4812-126-00	DIODE, 1N4148
CR06	1	9-4814-169-00	DIODE, LM329Z
CR07	1	9-4812-126-00	DIODE, 1N4148
CR08	1	9-4812-106-00	DIODE, 1N4003
CR09	1	9-4812-126-00	DIODE, 1N4148
CR10	1	9-4814-172-10	DIODE, ZENER, 1N4758A, 56V, 1W
CR12	1	9-4814-162-00	DIODE, ZENER, 1N4753, 36V 1W
J3	1	9-2191-209-08	CONN, IN-LINE CRIMP CONN HOUSING
L1	1	1900-3520-01	INDUCTOR, TRT 250, PS/MOD
Q01	1	9-4851-117-00	XSTR, IRF 630
Q02	1	9-4835-283-10	XSTR, 2N4400
Q03	1	9-4835-283-10	XSTR, 2N4400
Q04	1	9-4835-236-00	XSTR, 2N4402
Q05	1	9-4851-109-00	XSTR, MJE 200
Q06	1	9-4851-110-00	XSTR, 2N4124
Q07	1	9-4851-110-00	XSTR, 2N4124
Q08	1	7-4851-107-01	XSTR, IRF520, MODIFIED
Q09	1	9-4851-112-00	XSTR, MJE 210
Q10	1	9-4835-297-00	XSTR, MPS A42
Q11	1	9-4835-343-00	XSTR, 2N3904, NPN
Q12	1	7-4851-116-01	XSTR, TIP 126 PWR DARL, MODIFIED
Q13	1	9-4835-283-10	XSTR, 2N4400
Q14	1	7-4851-107-01	XSTR, IRF520, MODIFIED
Q15	1	9-4835-283-10	XSTR, 2N4400
Q16	1	9-4835-283-10	XSTR, 2N4400
R01	1	9-4711-447-20	RES, 4.7K OHM 1/4W 5%
R02	1	9-4711-410-20	RES, 1K OHM 1/4W 5%
R03	1	9-4711-418-20	RES, 1.8K OHM 1/4W 5%
R04	1	9-4711-510-20	RES, 10K OHM 1/4W 5%
R05	1	9-4711-439-20	RES, 3.9K OHM 1/4W 5%
R06	1	9-4711-547-20	RES, 47K OHM 1/4W 5%

POWER SUPPLY MODULATOR ASS'Y

REF	QTY	PART NUMBER	DESCRIPTION
R07	1	9-4711-515-20	RES, 15K OHM 1/4W 5%
R08	1	9-4711-427-20	RES, 2.7K OHM 1/4W 5%
R09	1	9-4711-415-20	RES, 1.5K OHM 1/4W 5%
R10	1	9-4711-522-20	RES, 22K OHM 1/4W 5%
R11	1	9-4711-733-20	RES, 3.3M OHM 1/4W 5%
R12	1	9-4730-449-90	RES, 4.99K OHM 1% 1/4W
R13	1	9-4782-709-00	POT, 5K, IT, HORIZ.
R14	1	9-4730-449-90	RES, 4.99K OHM 1% 1/4W
R15	1	9-4711-475-20	RES, 7.5K OHM, 1/4 W, 5%
R16	1	9-4711-322-20	RES, 220 OHM 1/4W 5%
R17	1	9-4711-410-20	RES, 1K OHM 1/4W 5%
R18	1	9-4711-510-20	RES, 10K OHM 1/4W 5%
R19	1	9-4711-510-20	RES, 10K OHM 1/4W 5%
R20	1	9-4711-422-20	RES, 2.2K OHM 1/4W 5%
R21	1	9-4782-709-00	POT, 5K, IT, HORIZ.
R22	1	9-4711-447-20	RES, 4.7K OHM 1/4W 5%
R23	1	9-4711-410-20	RES, 1K OHM 1/4W 5%
R24	1	9-4711-468-20	RES, 6.8K OHM 1/4W 5%
R25	1	9-4711-415-20	RES, 1.5K OHM 1/4W 5%
R27	1	9-4711-382-20	RES, 820 OHM 1/4W 5%
R28	1	9-4711-510-20	RES, 10K OHM 1/4W 5%
R29	1	9-4711-510-20	RES, 10K OHM 1/4W 5%
R30	1	9-4711-533-20	RES, 33K OHM, 1/4 W, 5%
R32	1	9-4711-410-20	RES, 1K OHM 1/4W 5%
R33	1	9-4711-433-20	RES, 3.3K OHM 1/4W 5%
R34	1	9-4711-451-20	RES, 5.1K OHM 1/4W 5%
R35	1	9-4730-540-20	RES, 40.2K OHM 1% 1/4W
R36	1	9-4782-709-00	POT, 5K, IT, HORIZ.
R37	1	9-4711-511-20	RES, 11K OHM 1/4W 5%
R38	1	9-4711-347-20	RES, 470 OHM 1/4W 5%
R39	1	9-4719-010-30	RES, 2W, 0.1 OHM
T1	1	1900-3518-01	XFMR, 60T-15T-22T, TRT250
T2	1	1900-3519-01	XFMR, 8T-8T-8T, TRT 250
U1	1	9-3130-001-00	IC, NE 555, SIGNETICS ONLY
U2	1	9-3130-800-00	IC, LM307N, OP AMP
U3	1	7-3130-935-11	IC, 78M08, MODIFIED (9-3130-935-00
U4	1	7-3130-919-01	IC, VOLTAGE REG, 5V, MODIFIED
U5	1	9-3130-801-00	IC, 74C221, DUAL MULTIVIB

57K
56F
279
20"

DIGITAL ASS'Y
S/N 1305 AND BELOW

C01	1	9-1517-220-00	CAP, ELECT, RADIAL, 22 μ F, 25V
C02	1	9-1503-448-00	CAP, MONO, 0.22 μ F, 50V
C03	1	9-1503-310-00	CAP, MONO, 0.001 μ F
C04	1	9-1503-310-00	CAP, MONO, 0.001 μ F
C05	1	9-1503-510-50	CAP, MONO, 0.1 μ F, 50V
C06	1	9-1503-510-50	CAP, MONO, 0.1 μ F, 50V
C07	1	9-1530-218-50	CAP, MICA, 180pF
C08	1	9-1515-832-00	CAP, ELECT, RADIAL, 100 μ F, 35V
C09	1	9-1503-346-00	CAP, MONO, 4700pF, 100V, NPO
C10	1	9-1503-448-00	CAP, MONO, 0.22 μ F, 50V
C11	1	9-1530-227-50	CAP, MICA, 270 pF
C12	1	9-1530-110-50	CAP, MICA, 10 pF
C13	1	9-1530-110-50	CAP, MICA, 10 pF
C14	1	9-1515-832-00	CAP, ELECT, RADIAL, 100 μ F, 35V
C19	1	9-1530-005-00	CAP, MICA, 5pF
C20	1	9-1530-133-31	CAP, MICA, 33pF
C21	1	9-1503-510-50	CAP, MONO, 0.1 μ F, 50V
CR1	1	9-4812-126-00	DIODE, 1N4148
CR2	1	9-4812-126-00	DIODE, 1N4148
CR3	1	9-4812-126-00	DIODE, 1N4148
J1	1	9-2191-212-13	HEADER, MALE, DUAL ROW
J2	1	9-2185-172-25	CONN, SOCKET STRIP, 25 PIN
Q1	1	9-4835-266-00	XSTR, 2N4126
Q2	1	9-4835-266-00	XSTR, 2N4126
Q3	1	9-4851-110-00	XSTR, 2N4124
Q4	1	9-4851-110-00	XSTR, 2N4124
Q5	1	9-4835-266-00	XSTR, 2N4126
Q6	1	9-4835-196-00	XSTR, MPSA12
R01	1	9-4711-410-20	RES, 1K OHM, 1/4 W, 5%
R02	1	9-4711-410-20	RES, 1K OHM, 1/4 W, 5%
R03	1	9-4711-447-20	RES, 4.7K OHM, 1/4 W, 5%
R04	1	9-4711-539-20	RES, 39K OHM, 1/4 W, 5%
R05	1	9-4711-368-20	RES, 680 OHM, 1/4 W, 5%
R06	1	9-4711-412-20	RES, 1.2K OHM, 1/4 W, 5%
R07	1	9-4711-439-20	RES, 3.9K OHM, 1/4 W, 5%
R08	1	9-4711-527-20	RES, 27K OHM, 1/4 W, 5%
R09	1	9-4711-210-20	RES, 10 OHM, 1/4 W, 5%
R10	1	9-4711-510-20	RES, 10K OHM, 1/4 W, 5%
R11	1	9-4711-356-20	RES, 560 OHM, 1/4 W, 5%
R12	1	9-4711-456-20	RES, 5.6K OHM, 1/4 W, 5%
R13	1	9-4711-439-20	RES, 3.9K OHM, 1/4 W, 5%
R14	1	9-4711-410-20	RES, 1K OHM, 1/4 W, 5%
R15		NOT USED	
R16	1	9-4711-322-20	RES, 220 OHM, 1/4 W, 5%
R17	1	9-4711-482-20	RES, 8.2K OHM, 1/4 W, 5%

DIGITAL ASS'Y (Continued)

REF	QTY	PART NUMBER	DESCRIPTION
R18	1	9-4782-721-00	POT, TRIMMER, 10K OHM
R19	1	9-4711-510-20	RES, 10K OHM, 1/4 W, 5%
R20	1	9-4711-656-20	RES, 560K OHM, 1/4 W, 5%
R21	1	9-4711-447-20	RES, 4.7K OHM, 1/4 W, 5%
R22	1	9-4711-482-20	RES, 8.2K OHM, 1/4 W, 5%
R23	1	9-4711-610-20	RES, 100K OHM, 1/4 W, 5%
R24	1	9-4711-768-20	RES, 6.8M OHM, 1/4 W, 5%
R25	1	9-4782-721-00	POT, TRIMMER, 10K OHM
R26	1	9-4711-518-20	RES, 18K OHM, 1/4 W, 5%
R27	1	9-4711-510-20	RES, 10K OHM, 1/4 W, 5%
R28	1	9-4711-322-20	RES, 220 OHM, 1/4 W, 5%
R31	1	9-4711-415-20	RES, 1.5K OHM, 1/4 W, 5%
R32	1	9-4711-610-20	RES, 100K OHM, 1/4 W, 5%
R33	1	9-4711-410-20	RES, 1K OHM, 1/4 W, 5%
R34	1	9-4711-418-20	RES, 1.8K OHM, 1/4 W, 5%
R38	1	9-4711-210-20	RES, 10 OHM, 1/4 W, 5%
R39	1	9-4711-622-20	RES, 220K OHM, 1/4 W, 5%
R40	1	9-4711-647-20	RES, 470K OHM, 1/4W, 5%
R41	1	9-4711-427-20	RES, 2.7K OHM, 1/4W, 5%
R42	1	9-4711-433-20	RES, 3.3K OHM, 1/4W, 5%
RA29	1	9-4742-035-00	RES ARRAY, 1K OHM, SIP, 8 PIN
RA30	1	9-4742-036-00	RES ARRAY, 1K OHM, SIP, 10 PIN
U1	1	9-3129-100-05	IC, DECODER, ENCODER
U2	1	9-3130-802-00	IC, 74L804 HEX INVERTER
U3	1	9-3130-902-00	IC, LM358
Y1	1	9-2321-060-00	CRYSTAL, 11.0345 MHz
	1	7010-1128-30	PCB, TRT250 DIGITAL
	2	9-2191-211-00	CONN, MOLEX CRIMP, AWG 22-24
* P4 MOD BOARD			
C1	1	9-1503-510-50	CAP, CER MONO, .1MF, 50V
R1	1	9-4778-520-00	POT, 20K, 10%
R2	1	9-4711-522-20	RES, 22K OHM, CARBON FILM, 1/4W 5%
U1	1	9-3130-967-00	IC, COMPARATOR
U2	1	9-3130-007-00	IC, QUAD. 2 INPUT NIND GATE
	1	7010-0049-04	PCB, MOD KIT, XPDR, MODE S

* NOT USED IN EVERY UNIT

DIGITAL ASS'Y
S/N 1306 AND ABOVE

REF	QTY	PART NUMBER	DESCRIPTION
C01	1	9-1517-220-00	CAP, ELECT, 22 μ F 25V,
C02	1	NOT USED	
C03	1	9-1503-310-00	CAP, MONO, 1000pF, 5% NPO
C04	1	9-1503-310-00	CAP, MONO, 1000pF, 5% NPO
C05	1	9-1503-510-50	CAP, CER MONO, 0.1 μ F, 50V
C06	1	9-1503-510-50	CAP, CER MONO, 0.1 μ F, 50V
C07	1	9-1530-218-50	CAP, DM-15 MICA, 180pF, 5%
C08	1	9-1515-832-00	CAP, AL ELECT, 100 μ F, 35V RADIAL
C09	1	9-1503-346-00	CAP, MONO, 4700pF, 100V, NPO 10%
C10	1	9-1503-448-00	CAP, MONO, 0.22 μ F, 50V
C11	1	9-1530-227-50	CAP, MICA, 270 pF
C12		NOT USED	
C13		NOT USED	
C14	1	9-1515-832-00	CAP, AL ELECT, 100 μ F, 35V RADIAL
C15	1	NOT USED	
C16		NOT USED	
C17		NOT USED	
C18		NOT USED	
C19	1	9-1530-005-00	CAP, MICA, 5pF
C20	1	9-1530-133-31	CAP, MICA, 33pF
C21	1	9-1503-510-50	CAP, CER MONO, 0.1 μ F, 50V
C22	1	9-1503-310-00	CAP, MONO, 1000pF, 5% NPO
C23		NOT USED	
C24		NOT USED	
C25		NOT USED	
C26	1	9-1515-833-25	CAP; ALUM ELEC, 330 μ F, 25V
C27	1	9-1503-510-50	CAP, CER MONO, 0.1 μ F, 50V
C28	1	9-1503-510-50	CAP, CER MONO, 0.1 μ F, 50V
C29	1	9-1503-510-50	CAP, CER MONO, 0.1 μ F, 50V
C30	1	9-1503-510-50	CAP, CER MONO, 0.1 μ F, 50V
C31	1	9-1503-510-50	CAP, CER MONO, 0.1 μ F, 50V
C32	1	9-1503-510-50	CAP, CER MONO, 0.1 μ F, 50V
C33	1	9-1503-510-50	CAP, CER MONO, 0.1 μ F, 50V
C34	1	9-1503-510-50	CAP, CER MONO, 0.1 μ F, 50V
C35	1	9-1517-010-01	CAP; ALUM ELEC, 1 μ F 50V
R01	1	9-4812-126-00	DIODE, 1N4148
R02	1	9-4812-126-00	DIODE, 1N4148
R03	1	9-4812-126-00	DIODE, 1N4148
R04	1	9-4814-177-00	DIODE: ZENER, 1N751, 5.1V 5%
J01	1	9-2191-212-13	HEADER, MALE, DR, 26 PIN, PC MT
J02	1	9-2185-172-25	CONN, SOCKET STRIP, 25 PIN
J02	1	9-2185-161-00	HEADER, MALE AP929834-36
L01	1	9-1849-050-00	INDUCTOR; 47 μ H #1025-60 10%

DIGITAL ASS'Y (Cont.)

REF	QTY	PART NUMBER	DESCRIPTION
Q01	1	9-4835-354-00	XSTR, MPSH69, PNP, RF AMP
Q02	1	9-4835-354-00	XSTR, MPSH69, PNP, RF AMP
Q03	1	9-4851-110-00	XSTR, 2N4124
Q04	1	9-4851-110-00	XSTR, 2N4124
Q05	1	9-4835-266-00	XSTR, 2N4126
Q06	1	9-4835-196-00	XSTR, MPSA12
R01	1	9-4711-410-20	RES, 1K OHM, 1/4 W, 5%
R02	1	9-4711-410-20	RES, 1K OHM, 1/4 W, 5%
R03	1	9-4711-447-20	RES, 4.7K OHM, 1/4 W, 5%
R04	1	9-4711-539-20	RES, 39K OHM, 1/4 W, 5%
R05	1	9-4711-368-20	RES, 680 OHM, 1/4 W, 5%
R06	1	9-4711-412-20	RES, 1.2K OHM, 1/4 W, 5%
R07	1	9-4711-439-20	RES, 3.9K OHM, 1/4 W, 5%
R08	1	9-4711-533-20	RES, 33K OHM, 1/4 W, 5%
R09	1	9-4711-210-20	RES, 10 OHM, 1/4 W, 5%
R10	1	9-4711-510-20	RES, 10K OHM, 1/4 W, 5%
R11	1	9-4711-356-20	RES, 560 OHM, 1/4 W, 5%
R12	1	9-4711-456-20	RES, 5.6K OHM, 1/4 W, 5%
R13	1	9-4711-439-20	RES, 3.9K OHM, 1/4 W, 5%
R14	1	9-4711-410-20	RES, 1K OHM, 1/4 W, 5%
R15	1	9-4711-415-20	RES, 1.5K OHM, 1/4 W, 5%
R16	1	9-4711-322-20	RES, 220 OHM, 1/4 W, 5%
R17	1	9-4711-482-20	RES, 8.2K OHM, 1/4 W, 5%
R18	1	9-4782-721-00	POT, TRIMMER, 10K OHM
R19	1	9-4711-510-20	RES, 10K OHM, 1/4 W, 5%
R20	1	9-4711-656-20	RES, 560K OHM, 1/4 W, 5%
R21	1	9-4711-447-20	RES, 4.7K OHM, 1/4 W, 5%
R22	1	9-4711-482-20	RES, 8.2K OHM, 1/4 W, 5%
R23	1	9-4711-610-20	RES, 100K OHM, 1/4 W, 5%
R24	1	9-4711-768-20	RES, 6.8M OHM, 1/4 W, 5%
R25	1	9-4782-721-00	POT, TRIMMER, 10K OHM
R26	1	9-4711-518-20	RES, 18K OHM, 1/4 W, 5%
R27	1	9-4711-510-20	RES, 10K OHM, 1/4 W, 5%
R28	1	9-4711-322-20	RES, 220 OHM, 1/4 W, 5%
R29		NOT USED	
R30		NOT USED	
R31	1	9-4711-415-20	RES, 1.5K OHM, 1/4 W, 5%
R32	1	9-4711-610-20	RES, 100K OHM, 1/4 W, 5%
R33		NOT USED	
R34	1	9-4711-418-20	RES, 1.8K OHM, 1/4 W, 5%
R35		NOT USED	
R36		NOT USED	
R37		NOT USED	
R38	1	9-4711-210-20	RES, 10 OHM, 1/4 W, 5%

DIGITAL ASS'Y (Cont.)

REF	QTY	PART NUMBER	DESCRIPTION
R39	1	9-4711-539-20	RES, 39K OHM, CARBON FILM, 1/4 W, 5%
R40	1	9-4711-447-20	RES, 4700 OHM, CARBON FILM, 1/4W 5%
R41	1	9-4713-315-00	RES: 150 OHM 1W
R42	1	9-4711-610-20	RES: 100K OHM, CARBON FILM, 1/4W 5%
P01	1	9-4742-040-00	RES ARRAY; SIP_BNS4310R-101-104
P02	1	9-4742-620-00	RES NETWORK, 100K X 5, SIP PULLUP
U01	1	1900-0549-00	ASSY: EPM7096LC68-15 W/TRT SFTWRE
U02	1	9-3130-802-00	IC, 74LS04 HEX INVERTER
U03	1	9-3130-902-00	IC, LM358P1
Y01	1	9-2321-060-00	CRYSTAL, 11.0345 MHz
	1	9-3131-202-00	CHIP CARRIER, 68 PIN
	1	7010-0053-03	TRT250/D DIGITAL BOARD(ALTERA)
	1	9-2191-209-02	CONN, IN-LINE CRIMP HOUSING
	1	9-2191-211-00	CONN, MOLEX FEMALE CRIMP, AWG 22-24