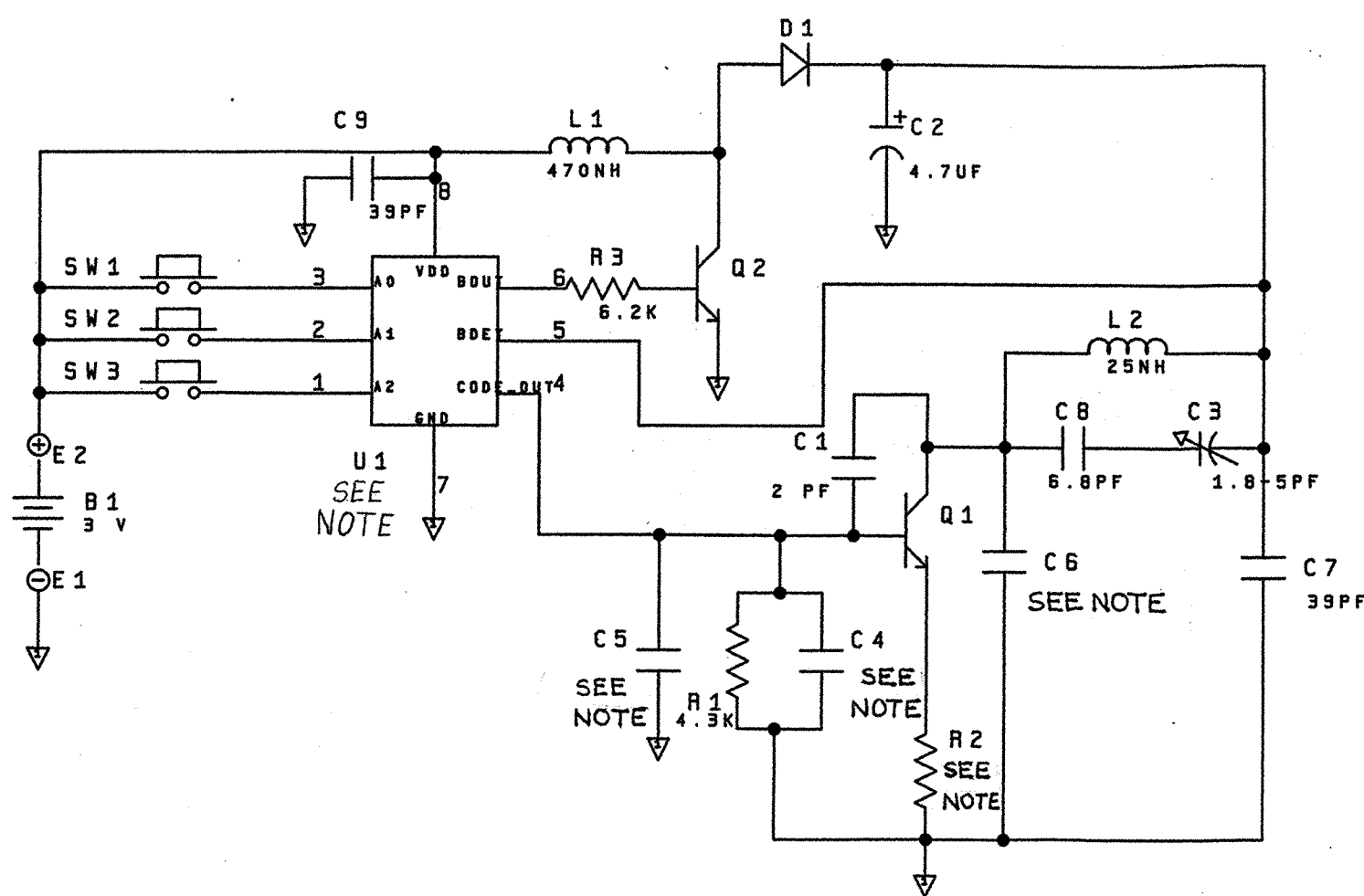


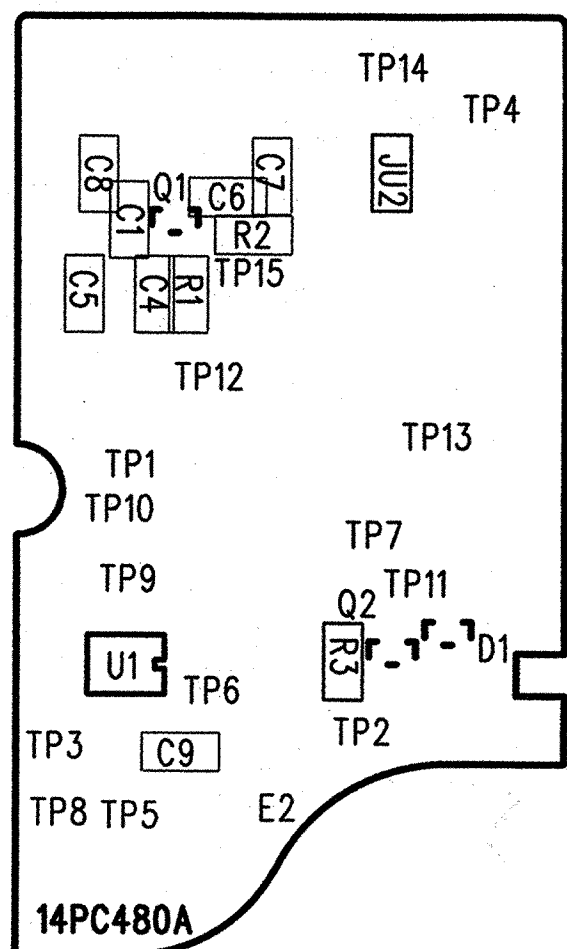
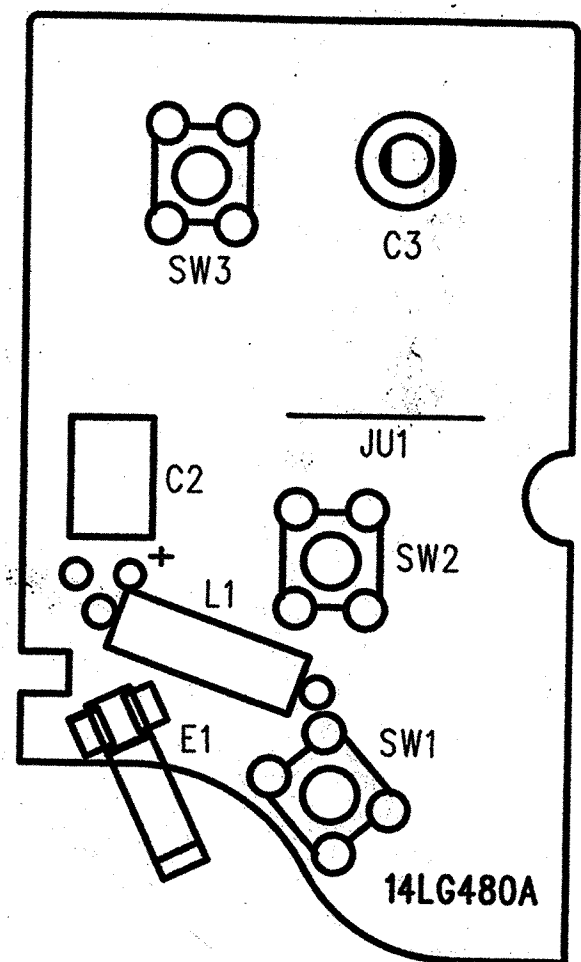
1	2	3	4
REF. NO.	PART NO.	DESCRIPTION	QTY
C1	30D72003000	CAP. SMD805 2PF NPO	1
C2	030B0442	CAP. LYTIC 4.7UF 25V	1
C3	030B0444	CAP. RF TUNING 1.8-5.0PF	1
C4	NOTE 8	CAP SMD 805	1
C5	NOTE 8	CAP SMD 805	1
C7,9	030D73910000	CAP. SMD805 39PF NPO	2
C6	NOTE 8	CAP. SMD805	1
C8	030D76800000	CAP. SMD805 6.8PF NPO	1
D1	52B0065	DIODE SMD SIGNAL	1
L1	040B0092	COIL 470UH	1
JU1	304A0001-50	JUMPERS .5 SPACING	1
JU2	311C0001	JUMPER SMD805	1
Q1	207C0074	TRANSISTOR SMD NPN RF	1
Q2	207C0073	TRANSISTOR SMD NPN SW	1
R1	311C4325	RES. SMD805 4.3K 1/10W 5%	1
R2	NOTE 8	RES. SMD805	1
R3	311C6225	RES. SMD805 6.2K 1/10W 5%	1
SW1,SW2,SW3	180B0120-2	SWITCH HORZ MOMENTARY	3
U1	SEE NOTE 8	IC SMD ATME1	1
E1	032B0128	BATTERY TERMINAL NEG	1
ITEM1	014R0480	PCB 16UP ARRAY	0.0625



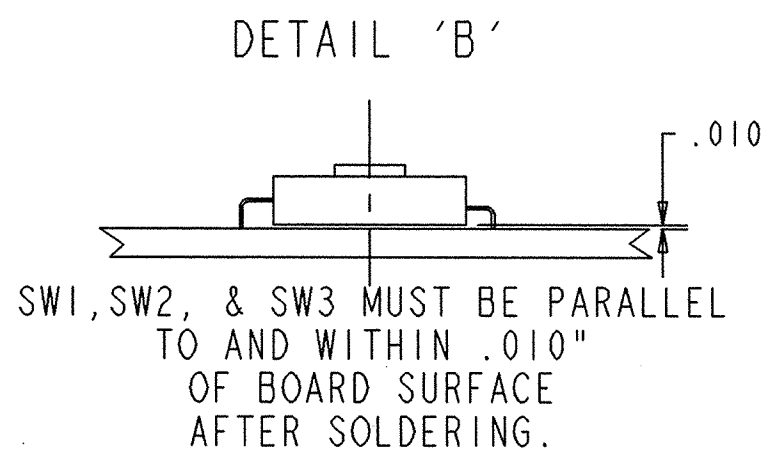
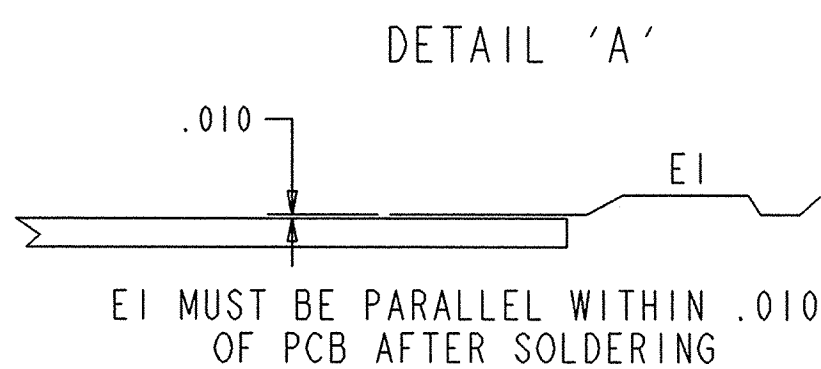
PART NUMBER:				195D1255	E
ECW/DATE	BT	APP	REVISION		REV
K-283 1/31/91	LK	AM	RELEASE		A
L-5559 10/24/91	LK	RA	C2 WAS 030R0469 AND SW1.2.3 WERE 190R0120		B
M-128A 18JUL98	WF		ADDED NOTE 8		C
M-5678 11-25-98	AMS		ADDED 001A5247 TO NOTE 8; DELETED 1/ P/W IN SCHEMATIC AND ADDED "SEE NOTE 8"		D
M-5026 1-21-99	AMS		REVISED R2 VALUE FROM 11 KOHMS TO 910 OHMS 001A5247		E

NOTES:

1. UNLESS OTHERWISE NOTED:
 - CAPACITORS ARE IN PICOFARADS
 - RESISTORS ARE IN OHMS
2. ALL LEADED COMPONENTS TO BE INSERTED TO WITHIN .020" OF BODY OR PREFORM LIMITS, EXCEPT SW1, SW2, & SW3 WHICH ARE TO BE WITHIN .010" (SEE DETAIL B).
3. TEST SPEC. REFERENCES: 190A0454, 190A0523.
4. ALL FLUX USED IN SOLDER PROCESS MUST BE HALIDE-FREE.
5. LEAD CLIPPING SPEC. (WIRE LEADED PARTS ONLY) .050 MIN., .095 MAX.
6. CLEANING OF ASSEMBLY WITH A CLEANING SOLVENT AFTER SOLDERING IS NOT PERMITTED.
7. ALL ARRAY TABS MUST BE CUT FLUSH TO EDGE OF PCB, BUT NO MORE THAN .005" INTO BOARD.
8. COMPONENT USAGE CHART:



	IA5076 (390 MHz)		IA5235-I (433 MHz)		IA5247 (390 MHz)	
COMPONENT	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
C4	030D73910000	CAP SMD 39pF	030D72210000	CAP SMD 22pF	030D73910000	CAP SMD 39pF
C5	030D73910000	CAP SMD 39pF	030D71210000	CAP SMD 12pF	030D73910000	CAP SMD 39pF
C6	030D73000020	CAP SMD 3.0pF N220	030D71003040	CAP SMD 1.0pF N470	030D73000020	CAP SMD 3.0pF N220
R2	311C9115	RES SMD 910 OHM	311C8215	RES SMD 820 OHM	311C9115	RES SMD 910 OHM
U1	125C0130	IC SMD ROLLING CODE AT MEL	125C0130	IC SMD ROLLING CODE AT MEL	125C0215	IC SMD BILLION CODE AT MEL



CONFIDENTIAL THIS DRAWING AND/OR INFORMATION CONTAINED HEREIN IS AND REMAINS THE PROPERTY OF THE UNITED STATES GOVERNMENT. IT IS TO BE CONTAINED (UNCLASSIFIED), THIS DRAWING AND/OR INFORMATION SHALL BE KEPT CONFIDENTIAL AND NOT BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE UNITED STATES GOVERNMENT. THIS IS A COMPUTER GENERATED DRAWING DO NOT CHANGE THIS DOCUMENT WITHOUT UPDATING THE COMPUTING CENTER RELEASE		TOLERANCES EXCEPT AS NOTED: ± 0.10 0.0 DECIMAL ± 0.05 0.00 DECIMAL ± 1/64 ON FRACTIONS ± .50 ON ANGLES ± .003 ON HOLES		NO NET SCALE DRAWING		MATERIAL	
THIS DRAWING ISSUED:		DRAWN BY LAX CHECKED AM APPROVED JF		DATE 1/31/97 2/17/97 2/18/97		SCALE NONE	
				PART NUMBER 195D1255		REV E	