

- NOTES:
1. UNLESS OTHERWISE SPECIFIED:
 - a) RESISTANCE IS IN OHMS, $\pm 5\%$, 1/4 W.
 - b) CAPACITANCE IS IN pF.
 - c) INDUCTANCE IS IN μ H.
 2. DIODES CR10, CR11 ARE MA-47201; CR1 THRU CR9, CR12 THRU CR14 ARE 841320.
 3. FOR DIFFERENCES BETWEEN DASH NUMBERS, SEE TABLE A. DASH (1&4) AND (3&5) ARE SAME EXCEPT FOR PI.
 4. SWITCHING CODES SEE TABLE B

TABLE A

TYPE NO.	R1, R3	FL3
796414-1	1.2K	92224
796414-2	910	92224
796414-3	1.2K	92390
796414-4	1.2K	92224
796414-5	1.2K	92390

TABLE B

BAND	FILTERS	A	B	C
900-1100	FL3	I	I	O
700-900	FL2	I	O	I
500-700	FL1	O	I	I
900-1200	FL3	I	I	O

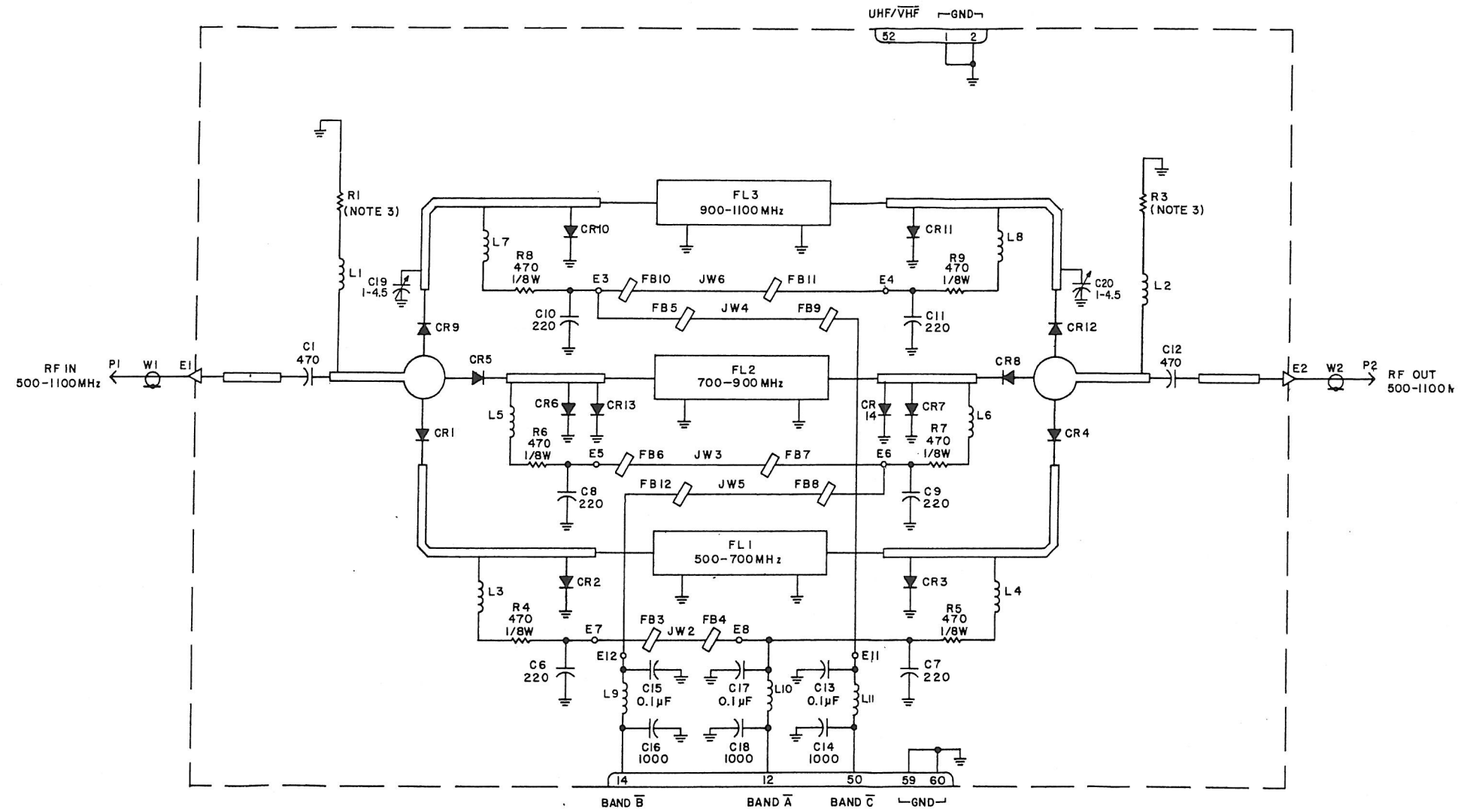


Figure B-8. Type 796414-X, UHF Preselector (A3A1), Schematic Diagram 480604 (E)

NOTES:
 1. UNLESS OTHERWISE SPECIFIED:
 a) RESISTANCE IS IN OHMS $\pm 5\%$, 1/8W.
 b) CAPACITANCE IS IN μ F.
 2. DIFFERENCE BETWEEN TYPE NO'S IS SHOWN IN TABLE A.

TYPE NO.	JW2	R3	R5	R6	R7	R8	R13	U5	VR1	+V	-V	FL1
796415-1	1-2	1.8K	12K	680	680	1.2K	1.8K	A28	IN751A 5.1V	+15V	-15V	92225
796415-2	1-3	1.5K	10K	560	560	1K	1.2K	A28-2	IN746A 3.3V	+12V	-12V	92225
796415-3	1-2	1.8K	12K	680	680	1.2K	1.8K	A28	IN751A 5.1V	+15V	-15V	92389

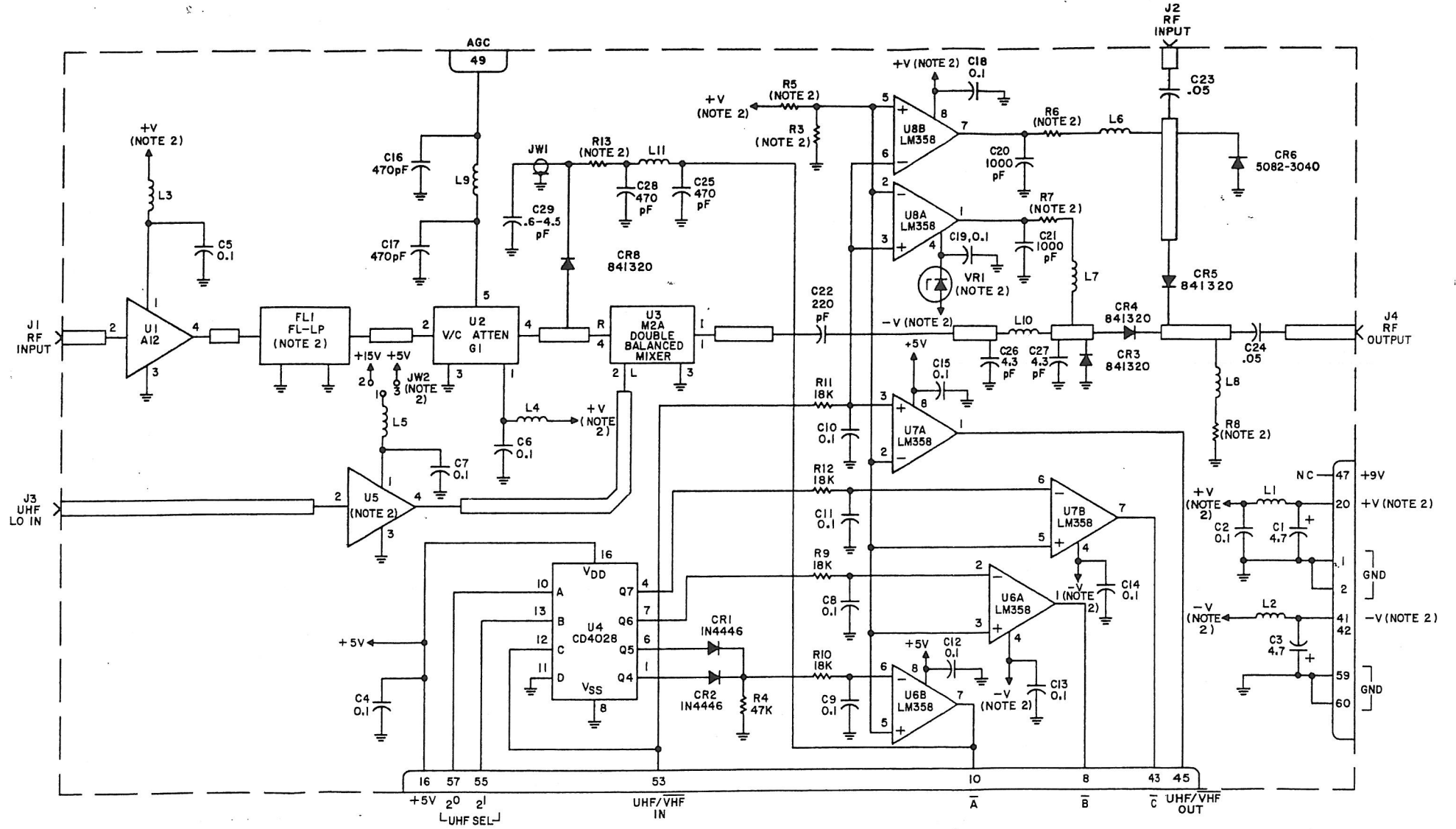


Figure B-9. Type 796415-X, UHF Preamp/Mixer (A3A2), Schematic Diagram 480592 (F)

NOTES:
 1. UNLESS OTHERWISE SPECIFIED:
 a) RESISTANCE IS IN OHMS, $\pm 5\%$, 1/8W.
 b) CAPACITANCE IS IN μF .
 2. DIFFERENCE BETWEEN TYPES IS MECHANICAL ONLY.

TABLE 1

INPUTS	CONTR 1	CONTR 2
UHF 2 ¹ 2 ⁰	D C B A	D C B A
1 0 0	0 1 1 0	1 0 0 1
1 0 1	0 1 0 1	0 1 1 1
1 1 0	0 0 1 0	1 1 0 0
1 1 1	0 0 0 0	0 1 1 1

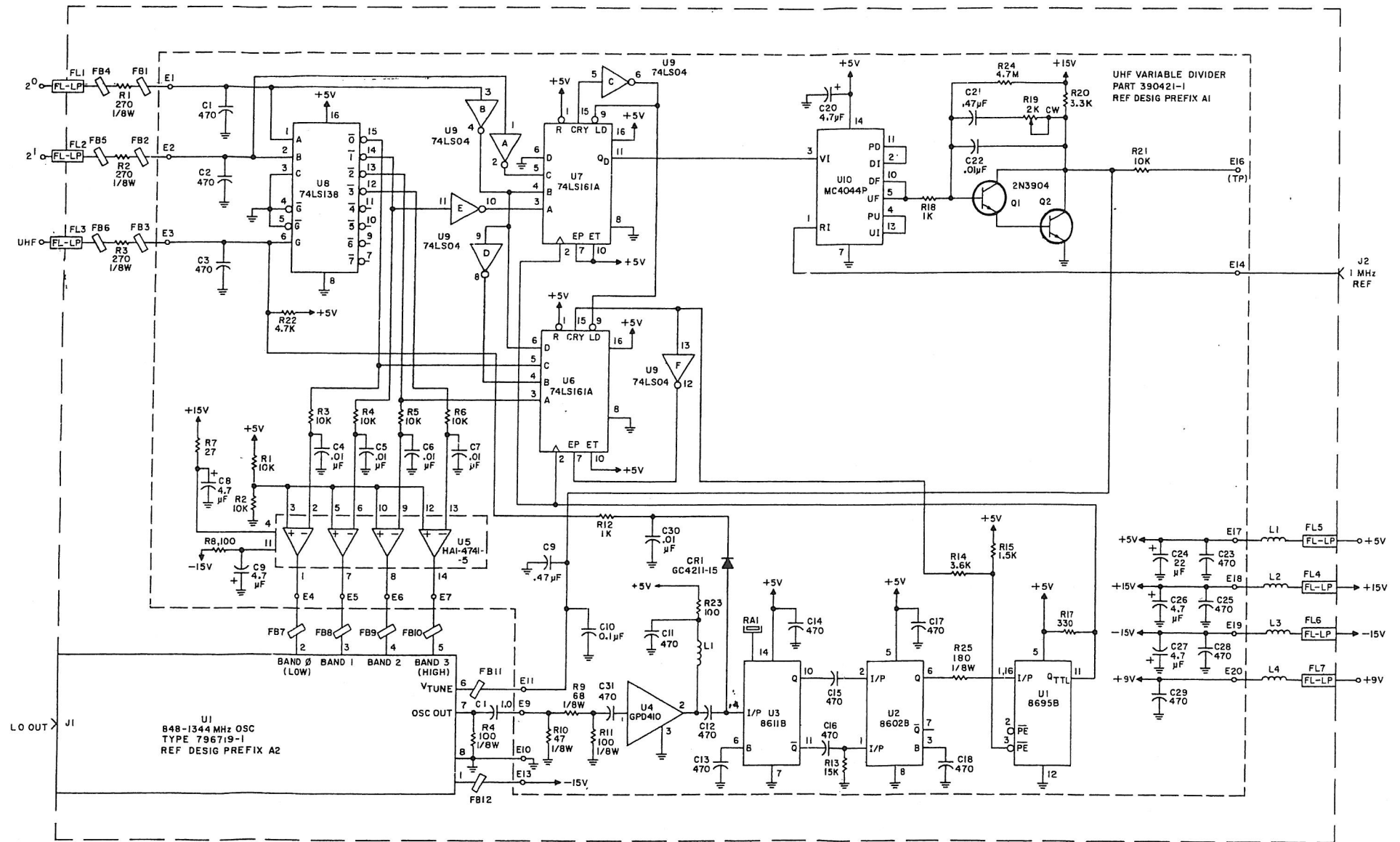
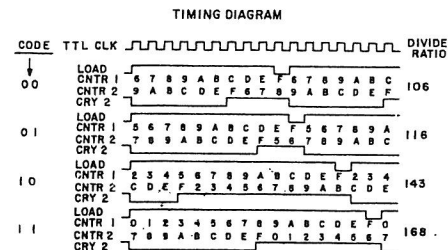
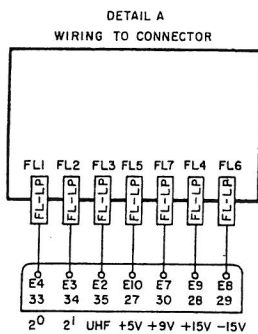


Figure B-10. Type 798079-2, UHF LO Synthesizer (A3A22), Schematic Diagram 590163 (N)

NOTES:
 1. UNLESS OTHERWISE SPECIFIED:
 a) RESISTANCE IS IN OHMS, $\pm 5\%$, 1/4W.
 b) CAPACITANCE IS IN pF.
 c) INDUCTANCE IS IN μ H.
 2. CR1 THRU CR4 ARE TYPE MA-45240-31.

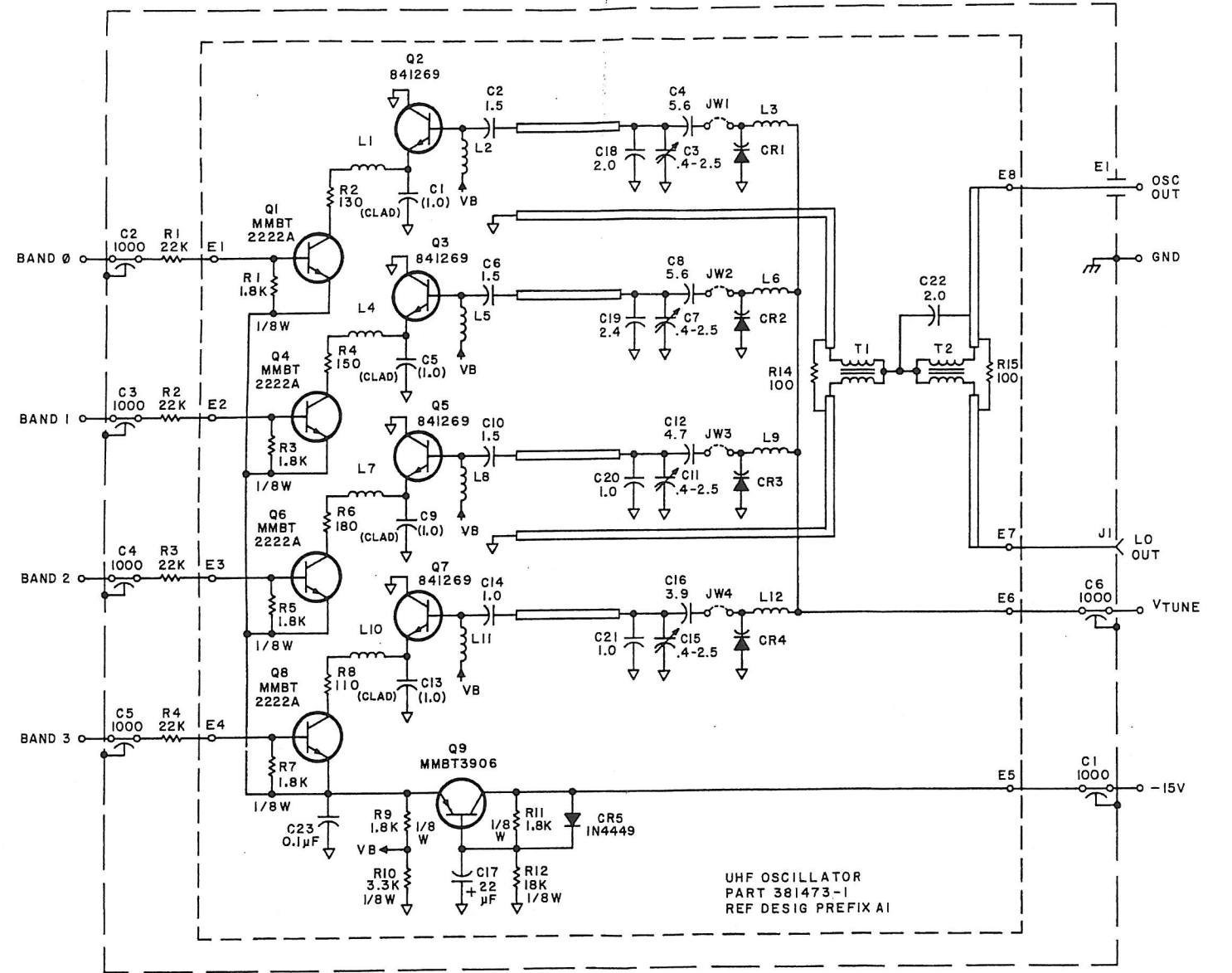


Figure B-11. Type 796719-1, UHF Variable Divider (A3A22A2), Schematic Diagram 481200 (A)