

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-5 -	10094-1000	14304	SERVOMECHANISM, A2A1							1		XA
- 1	MS27217-1	96906	. SWITCH SENSITIVE							4		PADZZ
- 2	C11EE2000A-175A	82415	. SWITCH							1		PADZZ
- 3	10094-0123	14304	. BRACKET							1		XB
- 4	10094-0124	14304	. BRACKET							2		XB
- 5	10094-0122	14304	. BRACKET							2		XB
- 6	MS51957-13	96906	. SCREW, MACHINE (AP)							2		PAOZZ
- 7	T16-5	00141	. SHAFT							2		XB
- 8	1960-1127	14304	. ARM							2		XB
- 9	1960-1147	14304	. GEAR							1		XB
- 10	1960-1146	14304	. GEAR							1		XB
- 11	1960-1168	14304	. GEAR							1		XB
- 12	1960-1169	14304	. GEAR							1		PADZZ
- 13	1960-1170	14304	. GEAR							1		XB
- 14	5804-128-1	86928	. WASHER, SPRING, TNSN							2		XB
- 15	5710-61-16-P	86928	. SHIM							2		XB
- 16	2308-14-1	17117	. STANDOFF							1		XB
- 17	MS51957-7	96906	. SCREW, MACHINE (AP)							8		PAOZZ
- 18	MS51957-46	96906	. SCREW, MACHINE (AP)							4		PAOZZ
- 19	MS51957-30	96906	. SCREW, MACHINE (AP)							2		PAOZZ
- 20	MS35338-134	96906	. WASHER, LOCK (AP)							8		PAOZZ
- 21	MS35338-135	96906	. WASHER, LOCK (AP)							11		PADZZ
- 22	MS35338-136	96906	. WASHER, LOCK (AP)							2		PAOZZ
- 23	MS15795-804	96906	. WASHER, FLAT (AP)							2		PAOZZ
- 24	MS15795-805	96906	. WASHER, FLAT (AP)							6		PAOZZ
- 25	MS15795-802	96906	. WASHER, FLAT (AP)							8		PAOZZ

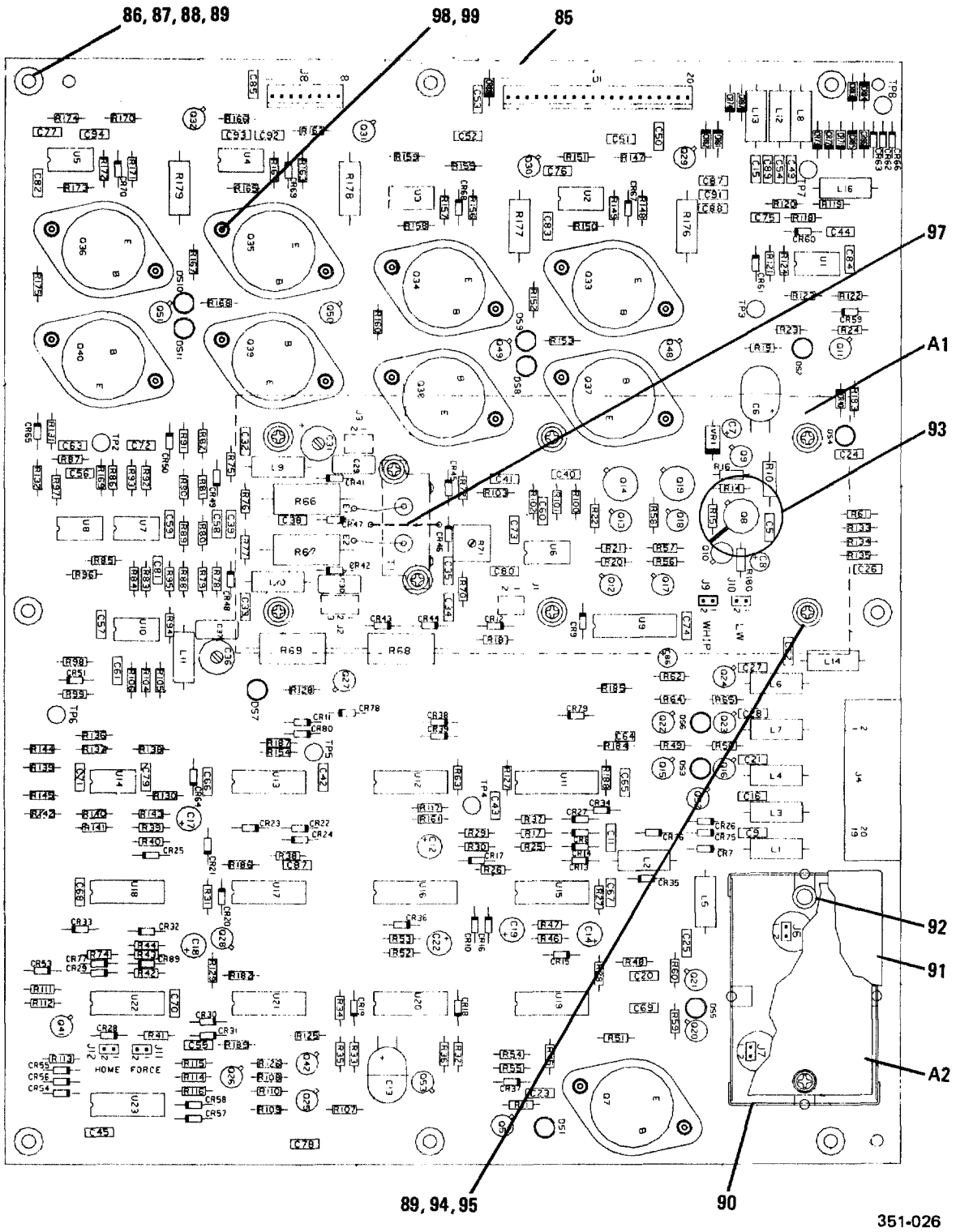


Figure 7-6. Logic PWB Assy, A1

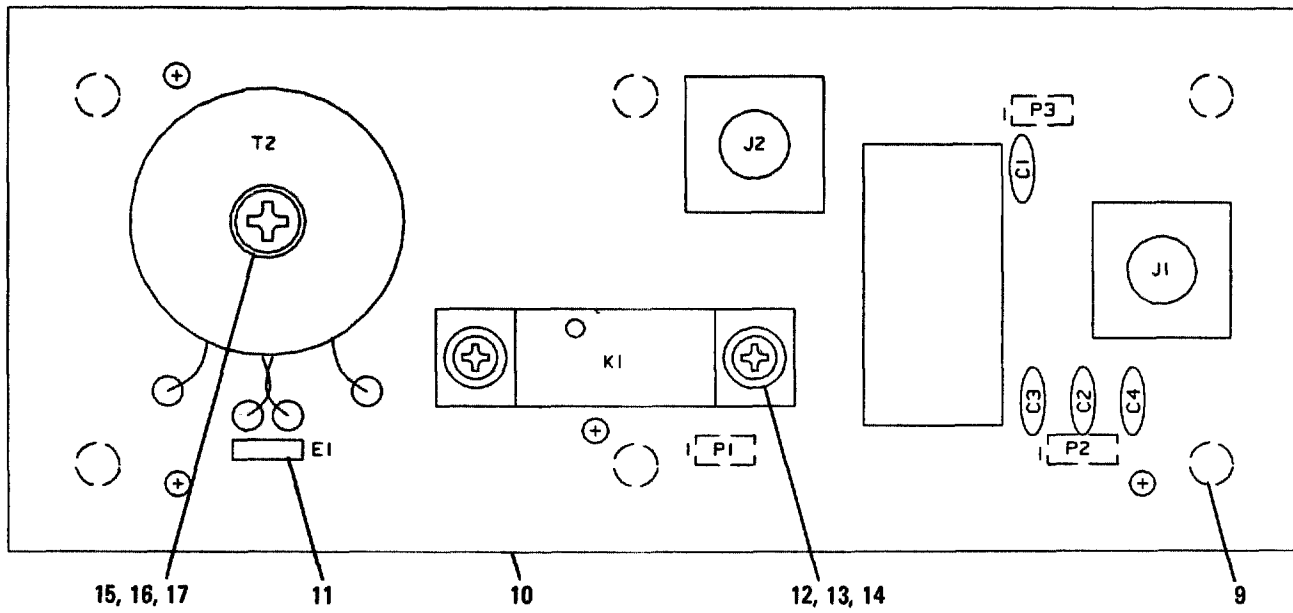
NOTE

To find index numbers for circuit board components, use the reference designator index at the end of this chapter. The complete reference designator for a circuit board component consists of "1," followed by the assembly designator (A1, A2, etc.), then the reference designator on the illustration. For example, the complete reference designator for R25 on the Logic PWB Assy is 1A1 R25.

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-6 -	10094-3000	14304	CIRCUIT CARD ASSY, A1							1		PAODD
- 1	10094-3500	14304	. CIRCUIT CARD ASSY, A1A1							1		XA
- 2	10094-3020	14304	. CIRCUIT CARD ASSY, A1A2							1		XA
- 3	CK06BX104K	81349	. CAPACITOR, FXD, CER							3		PADZZ
- 4	T392E476M025AS	31433	. CAP, FXD, ELCTLT							2		PADZZ
- 5	T392C106M025AS	31433	. CAP, FXD, ELCTLT							3		PADZZ
- 6	CK06BX103K	81349	. CAPACITOR, FXD, CER							55		PADZZ
- 7	T392B155M035AS	31433	. CAP, FXD, ELCTLT							6		PADZZ
- 8	CMR05E470GODR	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 9	CMR05F181GODR	81349	. CAPACITOR, FXD, MICA							2		PADZZ
- 10	CV31D350	81349	. CAPACITOR, VARIABLE							2		PADZZ
- 11	CK05BX102K	81349	. CAPACITOR, FXD, CER							7		PADZZ
- 12	CMR05F161GODR	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 13	M39014/02-1318	81349	. CAPACITOR, FXD, CER							1		PADZZ
- 14	M39014/02-1360	81349	. CAPACITOR, FXD, CER							3		PADZZ
- 15	CK06BX474K	81349	. CAPACITOR, FXD, CER							2		PADZZ
- 16	JAN1N4454	81349	. SEMICONV DEVICE, DIO							69		PADZZ
- 17	JAN1N3611	81349	. SEMICONV DEVICE, DIO							13		PADZZ
- 18	HLMP-3301	50434	. LED							11		PADZZ
- 19	HLMP	50434	. LED							10		PADZZ
- 20	66951-002	22526	. CONNECTOR, RCPT, ELEC							2		PADZZ
- 21	66951-003	22526	. CONNECTOR, RCPT, ELEC							1		PADZZ
- 22	1251-8273	28480	. CONNECTOR, PLUG, ELEC							1		PADZZ
- 23	22-11-2202	27264	. CONNECTOR, PLUG, ELEC							1		PADZZ
- 24	22-03-2021	27264	. CONNECTOR, PLUG, ELEC							6		PADZZ
- 25	22-11-2082	27264	. CONNECTOR, PLUG, ELEC							1		PADZZ
- 26	MS14046-8	96906	. COIL, RF							12		PADZZ
- 27	MS90539-15	96906	. COIL, RF							3		PADZZ
- 28	JAN2N2222A	81349	. TRANSISTOR							24		PADZZ
- 29	JAN2N6383	81349	. TRANSISTOR							5		PADZZ
- 30	JANTX2N3439	81349	. TRANSISTOR							1		PADZZ
- 31	JAN2N2219A	81349	. TRANSISTOR							2		PADZZ
- 32	JAN2N6648	81349	. TRANSISTOR							4		PADZZ
- 33	JAN2N2907A	81349	. TRANSISTOR							6		PADZZ
- 34	352-1130-010	13499	. TRANSISTOR							1		PADZZ
- 35	CF07-1R0J	78488	. RESISTOR, FXD, COMP							1		PADZZ
- 36	CF07-222J	78488	. RESISTOR, FXD, COMP							37		PADZZ
- 37	CF07-3R3J	78488	. RESISTOR, FXD, COMP							2		PADZZ
- 38	CF07-102J	78488	. RESISTOR, FXD, COMP							8		PADZZ
- 39	CF07-472J	78488	. RESISTOR, FXD, COMP							24		PADZZ
- 40	CF07-103J	78488	. RESISTOR, FXD, COMP							31		PADZZ
- 41	CF07-105J	78488	. RESISTOR, FXD, COMP							3		PADZZ
- 42	CF07-224J	78488	. RESISTOR, FXD, COMP							1		PADZZ
- 43	OK4745	44655	. RESISTOR, FXD, FILM							2		PADZZ
- 44	CF07-333J	78488	. RESISTOR, FXD, COMP							2		PADZZ

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
- 45	CF07-273J	78488	.	RESISTOR	,FXD	,COMP				14		PADZZ
- 46	CF07-564J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 47	CF07-101J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 48	CF07-104J	78488	.	RESISTOR	,FXD	,COMP				8		PADZZ
- 49	CF07-473J	78488	.	RESISTOR	,FXD	,COMP				9		PADZZ
- 50	CF07-272J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 51	CF07-474J	78488	.	RESISTOR	FXD	,COMP				1		PADZZ
- 52	RNC6H4993DS	81349	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 53	RCR42G150JM	81349	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 54	RCR42G750JS	81349	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 55	RCR42G750JM	81349	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 56	3386F-1-103	32997	.	RESISTOR	,VARIABLE					1		PADZZ
- 57	CF07-393J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 58	CF07-153J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 59	CF07-223J	78488	.	RESISTOR	,FXD	,COMP				4		PADZZ
- 60	CF07-752J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 61	CF07-302J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 62	CF07-682J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 63	CF07-122J	78488	.	RESISTOR	,FXD	,COMP				4		PADZZ
- 64	CF07-563J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 65	CF07-822J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 66	CF07-332J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 67	1240S-0.22-10	00213	.	RESISTOR	,FXD	,COMP				4		PADZZ
- 68	10094-3511	14304	.	TRANSFORMER						1		PADZZ
- 69	105-0852-001	74970	.	JACK	,TIP					1		PADZZ
- 70	1168004P6	94117	.	JACK	,TIP					1		PADZZ
- 71	105-0857-001	74970	.	JACK	,TIP					1		PADZZ
- 72	105-0854	74970	.	JACK	,TIP					1		PADZZ
- 73	105-0860-001	74970	.	JACK	,TIP					1		PADZZ
- 74	105-0862-001	74970	.	JACK	,TIP					1		PADZZ
- 75	360-489-100	13499	.	JACK	,TIP					1		PADZZ
- 76	MC1558U	04713	.	MICROCIRCUIT						10		PADZZ
- 77	CD4042BF	49671	.	MICROCIRCUIT						1		PADZZ
- 78	CD4049UBF	02735	.	MICROCIRCUIT						2		PADZZ
- 79	CD4030BF	02735	.	MICROCIRCUIT						1		PADZZ
- 80	CD4001BF	02735	.	MICROCIRCUIT						6		PADZZ
- 81	CD4011BF	02735	.	MICROCIRCUIT						2		PADZZ
- 82	CD4049BF	81349	.	MICROCIRCUIT						2		PADZZ
- 83	CD4093BF	02735	.	MICROCIRCUIT						1		PADZZ
- 84	JAN1N759A	81349	.	SEMICONV DEVICE	,DIO					1		PADZZ
- 85	10094-3009	14304	.	CIRCUIT CARD						1		XA
- 86	6611-0135	14304	.	RETAINER						8		XB
- 87	10085-5156	14304	.	SPACER						8		XB
- 88	MS51957-17	96906	.	SCREW	,MACHINE (AP)					8		PAOZZ
- 89	MS35338-135	96906	.	WASHER	,LOCK (AP)					18		PAOZZ
- 90	10094-3007	14304	.	COVER						1		XB
- 91	10094-3008	14304	.	COVER						1		XB
- 92	18092B-B0440-14	46384	.	SPACER						2		XB
- 93	2228B	13103	.	HEATSINK	,ELEC	,CMPNT				1		XB
- 94	MS15795-803	96906	.	WASHER	,FLAT (AP)					10		PADZZ
- 95	MS51957-13	96906	.	SCREW	,MACHINE (AP)					10		PAOZZ

Figure & Index Number	Part Number	FSCM	Description	Units Per Assy	Usable On Code	SMR Code
			1 2 3 4 5 6 7			
- 96	65474-001	00779	. SHUNTING BAR	1		XB
- 97	755017A8618	14304	. SPACER	1		XB
- 98	MS51957-28	96906	. SCREW, MACHINE (AP)	18		PAOZZ
- 99	H-6768	14304	. NUT, PLAIN, HEX (AP)	18		XB



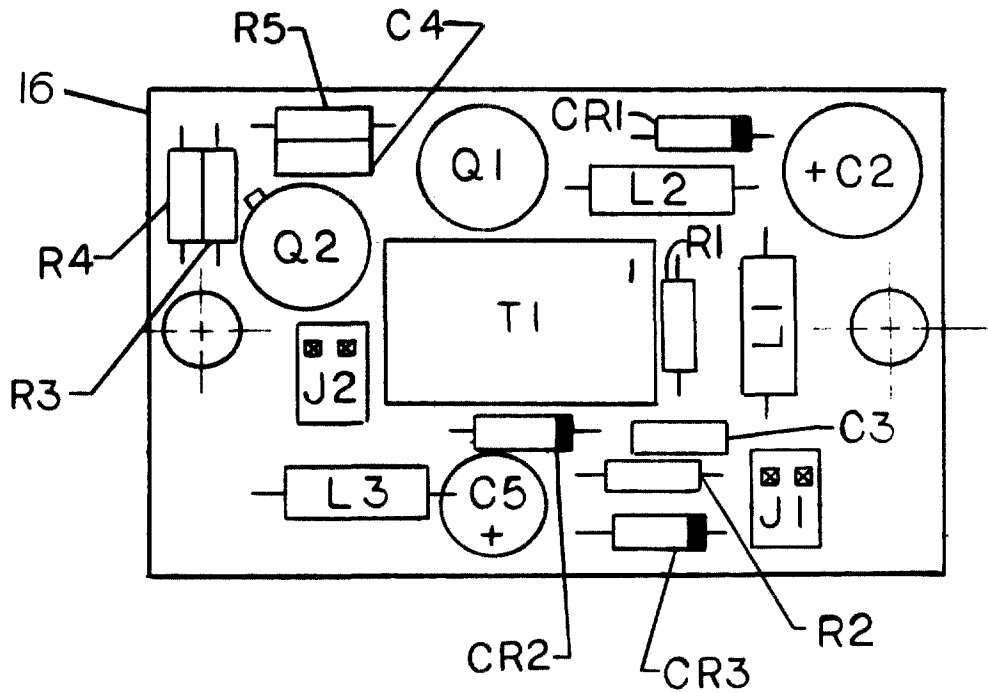
351-027

Figure 7-7. RF PWB Assy, A1A1

NOTE

To find index numbers for circuit board components, use the reference designator index at the end of this chapter. The complete reference designator for a circuit board component consists of "1," followed by the assembly designator (A1, A2, etc.), then the reference designator on the illustration. For example, the complete reference designator for R25 on the Logic PWB Assy is 1A1 R25.

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-7 -	10094-3500	14304	CIRCUIT CARD ASSY,A1A1							1		XA
- 1	C6610	14304	. CAPACITOR,FXD,CER							1		PADZZ
- 2	C-6614	14304	. CAPACITOR,FXD,CER							3		PADZZ
- 3	TC519-NP0-102C	22701	. CAPACITOR,FXD,CER							3		PADZZ
- 4	KC-79-07	91836	. CONNECTOR,PLUG,ELEC							2		PADZZ
- 5	2T-4603-1	02289	. RELAY,ELECTROMECH							1		PADZZ
- 6	65499-102	22526	. CONNECTOR RCPT ELEC							2		PADZZ
- 7	65499-103	22526	. CONNECTOR RCPT ELEC							1		PADZZ
- 8	10094-3512	14304	. TRANSFORMER,RF							1		PADZZ
- 9	18097B-B0440-14	46384	. SPACER							6		XB
- 10	10094-3509	14304	. CIRCUIT CARD							1		XA
- 11	62409-1	00779	. TAB,PCB FAST ON							1		XB
- 12	MS51957-14	96906	. SCREW,MACHINE (AP)							2		PAOZZ
- 13	MS15795-803	96906	. WASHER,FLAT (AP)							4		PAOZZ
- 14	H-6769	14304	. NUT,PLAIN,HEX (AP)							2		XB
- 15	MS51957-49	96906	. SCREW,MACHINE (AP)							1		PAOZZ
- 16	MS15795-807	96906	. WASHER,FLAT (AP)							1		PAOZZ
- 17	H-6767	14304	. NUT,PLAIN,HEX (AP)							1		XB



351-028

Figure 7-8. ± 10 V Power Supply PWB Assy, A1A2

NOTE

To find index numbers for circuit board components, use the reference designator index at the end of this chapter. The complete reference designator for a circuit board component consists of "1," followed by the assembly designator (A1, A2, etc.), then the reference designator on the illustration. For example, the complete reference designator for R25 on the Logic PWB Assy is 1A1 R25.

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-8 -	10094-3020	14304	CIRCUIT CARD ASSY,A1A2							1		XA
- 1	T392D226M025AS	31433	. CAP,FXD,ELCTLT							1		PADZZ
- 2	M39014/02-1338	81349	. CAPACITOR,FXD,CER							1		PADZZ
- 3	M39014/01-1357	81349	. CAPACITOR,FXD,CER							1		PADZZ
- 4	JAN1N4942	81349	. SEMICOND DEVICE,DIO							3		PADZZ
- 5	22-14-2024	27264	. CONNECTOR,PLUG,ELEC							2		PADZZ
- 6	A-4455-B-22-14-2	27264	. CONNECTOR,PLUG,ELEC							2		PADZZ
- 7	MS90538-08	96906	. COIL,RF							2		PADZZ
- 8	MS14046-4	96906	. COIL,RF							1		PADZZ
- 9	MS90538-8	96906	. COIL,RF							2		PADZZ
- 10	JAN2N2219A	81349	. TRANSISTOR							2		PADZZ
- 11	CF07-102J	78488	. RESISTOR,FXD,COMP							1		PADZZ
- 12	CF07-151J	78488	. RESISTOR,FXD,COMP							1		PADZZ
- 13	CF07-2R7J	78488	. RESISTOR,FXD,COMP							2		PADZZ
- 14	CF07-100J	78488	. RESISTOR,FXD,COMP							1		PADZZ
- 15	10094-3025	14304	. TRANSFORMER,RF							1		PADZZ
- 16	10094-3029	14304	. CIRCUIT CARD							1		XA
- 17	T392D226M025AS	31433	. CAP,FXD,ELCTLT							1		PADZZ

Section III. NUMERICAL INDEX

Part Number	Fig No.	Index No.	Qty per End Item	Part Number	Fig No.	Index No.	Qty per End Item
A-4455-B-22-14-2	7-8	6	2	CK05BX102K	7-6	11	9
C-6614	7-7	2	3	CK06BX103K	7-6	6	57
C11EE2000A-175A	7-5	2	1	CK06BX104K	7-6	3	5
C6610	7-7	1	1	CK06BX474K	7-6	15	2
C95-0001-000REVF	7-3	12	1	CMR05E470GODR	7-6	8	1
CD4001BF	7-6	80	6	CMR05F161GODR	7-6	12	1
CD4011BF	7-6	81	2	CMR05F181GODR	7-6	9	2
CD4030BF	7-6	79	1	CV31D350	7-6	10	2
CD4042BF	7-6	77	1	H-6611	7-1	24	4
CD4049BF	7-6	82	2	H-6612	7-1	30	4
CD4049UBF	7-6	78	2	H-6767	7-7	17	1
CD4093BF	7-6	83	1	H-6768	7-6	99	18
CF07-100J	7-8	14	1	H-6769	7-7	14	2
CF07-101J	7-6	47	2	HLMP	7-6	19	2
CF07-102J	7-8	11	9	HLMP-3301	7-6	18	11
CF07-103J	7-6	40	31	HT50V400JA	7-3	7	3
CF07-104J	7-6	48	8	JAN1N3611	7-6	17	13
CF07-105J	7-6	41	3	JAN1N4454	7-6	16	69
CF07-122J	7-6	63	4	JAN1N4942	7-8	4	3
CF07-151J	7-8	12	1	JAN1N759A	7-6	84	1
CF07-153J	7-6	58	2	JAN2N2219A	7-8	10	4
CF07-1R0J	7-6	35	1	JAN2N2222A	7-6	28	24
CF07-222J	7-6	36	37	JAN2N2907A	7-6	33	6
CF07-223J	7-6	59	4	JAN2N6383	7-6	29	5
CF07-224J	7-6	42	1	JAN2N6648	7-6	32	4
CF07-272J	7-6	50	2	JANTX2N3439	7-6	30	1
CF07-273J	7-6	45	14	KC-59-105	7-1	8	2
CF07-2R7J	7-8	13	2	KC-79-07	7-7	4	2
CF07-302J	7-6	61	1	KC-79-110	7-1	6	1
CF07-332J	7-6	66	1	LE-016A-001	7-4	8	4
CF07-333J	7-6	44	2	M39012/03-0503	7-1	17	1
CF07-393J	7-6	57	2	M39012/16-0014	7-1	9	1
CF07-3R3J	7-6	37	2	M39012/25-0012	7-1	18	1
CF07-472J	7-6	39	24	M39014/01-1357	7-8	3	9
CF07-473J	7-6	49	9	M39014/02-1318	7-6	13	1
CF07-474J	7-6	51	2	M39014/02-1338	7-8	2	56
CF07-563J	7-6	64	2	M39014/02-1360	7-6	14	3
CF07-564J	7-6	46	1	M85049/1-12B	7-2	3	2
CF07-682J	7-6	62	1	MC1558U	7-6	76	10
CF07-752J	7-6	60	1	MP-0745	7-1	31	1
CF07-822J	7-6	65	1	MS14046-4	7-8	8	1

Part Number Item	Fig No.	Index No.	Qty per End	Part Number Item	Fig No.	Index No.	Qty per End
MS14046-8	7-6	26	12	RF56-12S	7-3	14	1
MS15795-802	7-5	25	8	RF65-12S	7-3	13	1
MS15795-803	7-7	13	18	RNC6H4993DS	7-6	52	2
MS15795-804	7-5	23	7	SA-17546	7-1	25	1
MS15795-805	7-5	24	27	T16-5	7-5	7	2
MS15795-807	7-7	16	19	T392B155M035AS	7-6	7	6
MS15795-903	7-4	16	2	T392C106M025AS	7-6	5	3
MS21266-2N	7-3	24	5	T392D226M025AS	7-8	1	1
MS24693-C29	7-4	9	4	T392E476M025AS	7-6	4	2
MS25036-153	7-4	23	1	TC519-NP0-102C	7-7	3	2
MS27217-1	7-5	1	4	Z06-001-006	7-3	27	1
MS3106A20-27P	7-2	1	1	028868	7-3	11	1
MS3106A20-27S	7-2	2	1	OK4745	7-6	43	2
MS3420-12B	7-2	5	2	10-36233-243	7-2	4	2
MS35196-14	7-4	17	2	10-37087-20	7-1	14	1
MS35338-134	7-5	20	8	10-74720-27P	7-1	11	1
MS35338-135	7-6	89	39	10085-5156	7-6	87	8
MS35338-136	7-5	22	14	10094-0000	7-1		1
MS35338-137	7-3	5	29	10094-0002	7-1	2	1
MS35338-138	7-3	22	8	10094-0060	7-2		1
MS35338-97	7-4	15	6	10094-0071	7-1	32	1
MS35338-98	7-4	18	2	10094-0100	7-1	1	1
MS35650-304	7-3	23	8	10094-0120	7-1	4	1
MS51957-13	7-6	95	12	10094-0121	7-3	17	1
MS51957-14	7-7	12	8	10094-0122	7-5	5	2
MS51957-17	7-6	88	8	10094-0123	7-5	3	1
MS51957-28	7-6	98	21	10094-0124	7-5	4	2
MS51957-30	7-5	19	2	10094-0130	7-3	6	1
MS51957-31	7-4	13	8	10094-0134	7-3	9	2
MS51957-45	7-3	21	9	10094-0135	7-3	8	1
MS51957-46	7-5	18	9	10094-0140	7-1	10	1
MS51957-48	7-3	20	13	10094-0149	7-1	13	1
MS51957-49	7-7	15	1	10094-0502	7-1	19	1
MS51957-7	7-5	17	8	10094-0510	7-1	28	1
MS51958-66	7-3	25	4	10094-0521	7-1	29	4
MS90538-08	7-8	7	2	10094-0540	7-1	16	1
MS90538-8	7-8	9	2	10094-0550	7-1	7	1
MS90539-15	7-6	27	3	10094-0560	7-1	12	1
MVX2-100MEG	7-3	16	1	10094-0570	7-3	2	1
RCR42G150JM	7-6	53	2	10094-1000	7-1	5	1
RCR42G750JM	7-6	55	2	10094-2000	7-3	15	1
RCR42G750JS	7-6	54	2	10094-2015	7-4	1	1
				10094-2030	7-3	1	2

Part Number	Fig No.	Index No.	Qty per End Item	Part Number	Fig No.	Index No.	Qty per End Item
10094-3000	7-1	3	1				
10094-3007	7-6	90	1				
10094-3008	7-6	91	1				
10094-3009	7-6	85	1				
10094-3020	7-6	2	1				
10094-3025	7-8	15	1				
10094-3029	7-8	16	1				
10094-3500	7-6	1	1				
10094-3509	7-7	10	1				
10094-3511	7-6	68	1				
10094-3512	7-7	8	1				
105-0852-001	7-6	69	1				
105-0854	7-6	72	1				
105-0857-001	7-6	71	1				
105-0860-001	7-6	73	1				
105-0862-001	7-6	74	1				
1168004P6	7-6	70	1				
1240S-0.22-10	7-6	67	4				
1251-8273	7-6	22	1				
1390	7-1	23	4				
18092B-B0440-14	7-6	92	2				
18097B-B0440-14	7-7	9	6				
1960-1111	7-4	2	2				
1960-1112	7-4	7	2				
1960-1113	7-4	3	4				
1960-1114	7-4	4	2				
1960-1115	7-4	5	2				
1960-1119	7-4	6	2				
1960-1127	7-5	8	2				
1960-1132	7-3	18	2				
1960-1133	7-3	19	2				
1960-1146	7-5	10	1				
1960-1147	7-5	9	1				
1960-1151	7-1	15	1				
1960-1168	7-5	11	1				
1960-1169	7-5	12	1				
1960-1170	7-5	13	1				
22-01-3087	7-3	4	1				

Part Number	Fig No.	Index No.	Qty per End Item	Part Number	Fig No.	Index No.	Qty per End Item
22-01-3207	7-3	3	1	5804-128-1	7-5	14	4
22-03-2021	7-6	24	6	61304	7-4	24	4
22-11-2082	7-6	25	1	61306	7-4	22	2
22-11-2202	7-6	23	1	62409-1	7-7	11	1
22-14-2024	7-8	5	2	65474-001	7-6	96	1
2228B	7-6	93	1	65499-102	7-7	6	2
2308-14-1	7-5	16	1	65499-103	7-7	7	1
2T-4603-1	7-7	5	1	6611-0135	7-6	86	8
3242513	7-1	22	6	66951-002	7-6	20	2
3386F-1-103	7-6	56	1	66951-003	7-6	21	1
352-1130-010	7-6	34	1	755017A8618	7-6	97	1
360-489-100	7-6	75	1	75535	7-4	21	2
423-0012	7-1	26	1	8034	7-4	14	6
423-0015	7-1	20	1	8037	7-4	19	2
423-0049	7-1	27	1	8045NP	7-1	21	6
5710-61-16-P	7-5	15	2				

Section IV. REFERENCE DESIGNATOR INDEX

Reference Designation	Fig No.	Index No.	Reference Designation	Fig No.	Index No.	Reference Designation	Fig No.	Index No.
1A1	7-1	3	1A1C21	7-6	6	1A1C75	7-6	6
1A1A1	7-6	1	1A1C22	7-6	7	1A1C76	7-6	6
1A1A1C1	7-7	1	1A1C23	7-6	3	1A1C77	7-6	6
1A1A1C2	7-7	2	1A1C24	7-6	6	1A1C78	7-6	6
1A1A1C3	7-7	3	1A1C25	7-6	6	1A1C79	7-6	6
1A1A1C4	7-7	3	1A1C26	7-6	6	1A1C80	7-6	6
1A1A1J1	7-7	4	1A1C27	7-6	6	1A1C81	7-6	6
1A1A1J2	7-7	4	1A1C28	7-6	6	1A1C82	7-6	6
1A1A1K1	7-7	5	1A1C29	7-6	8	1A1C83	7-6	6
1A1A1P1	7-7	6	1A1C30	7-6	9	1A1C84	7-6	6
1A1A1P2	7-7	7	1A1C31	7-6	10	1A1C85	7-6	6
1A1A1P3	7-7	6	1A1C32	7-6	11	1A1C86	7-6	5
1A1A1T2	7-7	8	1A1C33	7-6	11	1A1C87	7-6	6
			1A1C34	7-6	11	1A1C88	7-6	6
1A1A2	7-6	2	1A1C35	7-6	11	1A1C89	7-6	6
1A1A2C2	7-8	1	1A1C36	7-6	10	1A1C90	7-6	6
1A1A2C3	7-8	2	1A1C37	7-6	12	1A1C91	7-6	6
1A1A2C4	7-8	3	1A1C38	7-6	11	1A1C92	7-6	6
1A1A2C5	7-8	1	1A1C39	7-6	11	1A1C93	7-6	6
1A1A2CR1	7-8	4	1A1C40	7-6	13	1A1C94	7-6	6
1A1A2CR2	7-8	4	1A1C41	7-6	6	1A1CR7	7-6	16
1A1A2CR3	7-8	4	1A1C42	7-6	6	1A1CR8	7-6	16
1A1A2J1	7-8	5	1A1C43	7-6	6	1A1CR9	7-6	16
1A1A2J2	7-8	6	1A1C44	7-6	14	1A1CR10	7-6	16
1A1A2L1	7-8	7	1A1C45	7-6	6	1A1CR11	7-6	16
1A1A2L2	7-8	8	1A1C49	7-6	6	1A1CR12	7-6	16
1A1A2L3	7-8	9	1A1C50	7-6	6	1A1CR13	7-6	16
1A1A2Q1	7-8	10	1A1C51	7-6	6	1A1CR14	7-6	16
1A1A2Q2	7-8	10	1A1C52	7-6	6	1A1CR15	7-6	16
1A1A2R1	7-8	11	1A1C53	7-6	6	1A1CR16	7-6	16
1A1A2R2	7-8	12	1A1C54	7-6	6	1A1CR17	7-6	16
1A1A2R3	7-8	13	1A1C55	7-6	6	1A1CR18	7-6	16
1A1A2R4	7-8	13	1A1C56	7-6	6	1A1CR19	7-6	16
1A1A2R5	7-8	14	1A1C57	7-6	6	1A1CR20	7-6	16
1A1A2T1	7-8	15	1A1C58	7-6	15	1A1CR21	7-6	16
			1A1C59	7-6	15	1A1CR22	7-6	16
1A1C5	7-6	3	1A1C60	7-6	6	1A1CR23	7-6	16
1A1C6	7-6	4	1A1C61	7-6	11	1A1CR24	7-6	16
1A1C7	7-6	5	1A1C62	7-6	6	1A1CR25	7-6	16
1A1C8	7-6	5	1A1C63	7-6	6	1A1CR26	7-6	16
1A1C9	7-6	6	1A1C64	7-6	11	1A1CR27	7-6	16
1A1C11	7-6	6	1A1C65	7-6	6	1A1CR28	7-6	16
1A1C12	7-6	7	1A1C66	7-6	6	1A1CR29	7-6	16
1A1C13	7-6	4	1A1C67	7-6	6	1A1CR30	7-6	16
1A1C14	7-6	7	1A1C68	7-6	6	1A1CR31	7-6	16
1A1C15	7-6	6	1A1C69	7-6	6	1A1CR32	7-6	16
1A1C16	7-6	6	1A1C70	7-6	6	1A1CR33	7-6	16
1A1C17	7-6	7	1A1C71	7-6	6	1A1CR34	7-6	16
1A1C18	7-6	7	1A1C72	7-6	6	1A1CR35	7-6	16
1A1C19	7-6	7	1A1C73	7-6	6	1A1CR36	7-6	16
1A1C20	7-6	3	1A1C74	7-6	6	1A1CR37	7-6	16

Reference Designation	Fig No.	Index No.	Reference Designation	Fig No.	Index No.	Reference Designation	Fig No.	Index No.
1A1CR38	7-6	16	1A1DS1	7-6	18	1A1Q19	7-6	31
1A1CR39	7-6	16	1A1DS2	7-6	19	1A1Q20	7-6	28
1A1CR40	7-6	17	1A1DS3	7-6	19	1A1Q21	7-6	28
1A1CR41	7-6	16	1A1DS4	7-6	19	1A1Q22	7-6	28
1A1CR42	7-6	16	1A1DS5	7-6	19	1A1Q25	7-6	28
1A1CR43	7-6	16	1A1DS6	7-6	19	1A1Q24	7-6	28
1A1CR44	7-6	16	1A1DS7	7-6	19	1A1Q25	7-6	28
1A1CR45	7-6	16	1A1DS8	7-6	19	1A1Q26	7-6	28
1A1CR46	7-6	16	1A1DS9	7-6	19	1A1Q27	7-6	28
1A1CR47	7-6	16	1A1DS10	7-6	19	1A1Q28	7-6	28
1A1CR48	7-6	16	1A1DS11	7-6	19	1A1Q29	7-6	28
1A1CR49	7-6	16	1A1J1	7-6	20	1A1Q30	7-6	28
1A1CR50	7-6	16	1A1J2	7-6	21	1A1Q31	7-6	28
1A1CR51	7-6	16	1A1J3	7-6	20	1A1Q32	7-6	28
1A1CR53	7-6	16	1A1J4	7-6	22	1A1Q33	7-6	32
1A1CR54	7-6	16	1A1J5	7-6	23	1A1Q34	7-6	32
1A1CR55	7-6	16	1A1J6	7-6	24	1A1Q35	7-6	32
1A1CR56	7-6	16	1A1J7	7-6	24	1A1Q36	7-6	32
1A1CR57	7-6	16	1A1J8	7-6	25	1A1Q37	7-6	29
1A1CR58	7-6	16	1A1J9	7-6	24	1A1Q38	7-6	29
1A1CR59	7-6	16	1A1J10	7-6	24	1A1Q39	7-6	29
1A1CR60	7-6	16	1A1J11	7-6	24	1A1Q40	7-6	29
1A1CR61	7-6	16	1A1J12	7-6	24	1A1Q41	7-6	33
1A1CR62	7-6	16	1A1L1	7-6	26	1A1Q42	7-6	33
1A1CR63	7-6	16	1A1L2	7-6	26	1A1Q48	7-6	33
1A1CR64	7-6	16	1A1L3	7-6	26	1A1Q49	7-6	33
1A1CR65	7-6	16	1A1L4	7-6	26	1A1Q50	7-6	33
1A1CR66	7-6	16	1A1L5	7-6	26	1A1Q51	7-6	33
1A1CR67	7-6	16	1A1L6	7-6	26	1A1Q52	7-6	34
1A1CR68	7-6	16	1A1L7	7-6	26	1A1Q53	7-6	28
1A1CR69	7-6	16	1A1L8	7-6	26	1A1R10	7-6	35
1A1CR70	7-6	16	1A1L9	7-6	27	1A1R11	7-6	36
1A1CR71	7-6	17	1A1L10	7-6	27	1A1R14	7-6	36
1A1CR72	7-6	17	1A1L11	7-6	27	1A1R15	7-6	37
1A1CR73	7-6	17	1A1L12	7-6	26	1A1R16	7-6	38
1A1CR74	7-6	17	1A1L13	7-6	26	1A1R17	7-6	36
1A1CR75	7-6	16	1A1L14	7-6	26	1A1R18	7-6	36
1A1CR76	7-6	16	1A1L16	7-6	26	1A1R19	7-6	36
1A1CR77	7-6	16	1A1Q5	7-6	28	1A1R20	7-6	36
1A1CR78	7-6	16	1A1Q7	7-6	29	1A1R21	7-6	39
1A1CR79	7-6	16	1A1Q8	7-6	30	1A1R22	7-6	39
1A1CR80	7-6	16	1A1Q9	7-6	28	1A1R23	7-6	40
1A1CR81	7-6	17	1A1Q10	7-6	28	1A1R22	7-6	36
1A1CR82	7-6	17	1A1Q11	7-6	28	1A1R25	7-6	36
1A1CR83	7-6	17	1A1Q12	7-6	28	1A1R26	7-6	41
1A1CR84	7-6	17	1A1Q13	7-6	28	1A1R27	7-6	42
1A1CR85	7-6	17	1A1Q14	7-6	31	1A1R28	7-6	41
1A1CR86	7-6	17	1A1Q15	7-6	28	1A1R29	7-6	43
1A1CR87	7-6	17	1A1Q16	7-6	28	1A1R30	7-6	44
1A1CR88	7-6	17	1A1Q17	7-6	28	1A1R31	7-6	45
1A1CR89	7-6	16	1A1Q18	7-6	28	1A1R32	7-6	36

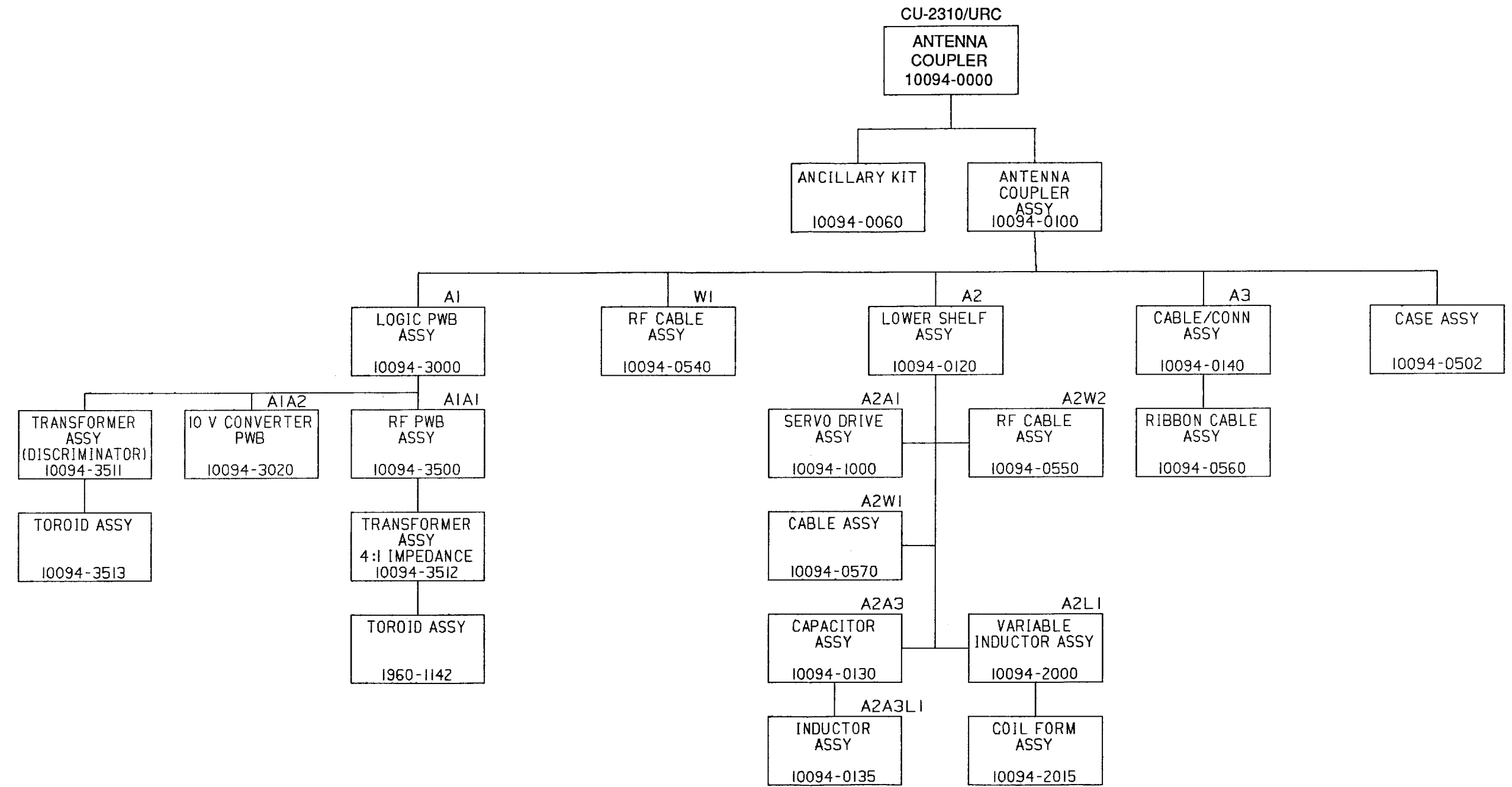
Reference Designation	Flg No.	Index No.	Reference Designation	Flg No.	Index No.	Reference Designation	Flg No.	Index No.
1A1R33	7-6	36	1A1R85	7-6	59	1A1R136	7-6	39
1A1R34	7-6	46	1A1R86	7-6	60	1A1R137	7-6	40
1A1R55	7-6	47	1A1R87	7-6	61	1A1R138	7-6	39
1A1R36	7-6	39	1A1R88	7-6	48	1A1R139	7-6	39
1A1R37	7-6	36	1A1R89	7-6	45	1A1R140	7-6	39
1A1R38	7-6	45	1A1R90	7-6	45	1A1R141	7-6	40
1A1R39	7-6	48	1A1R91	7-6	48	1A1R142	7-6	39
1A1R40	7-6	39	1A1R92	7-6	57	1A1R143	7-6	39
1A1R41	7-6	49	1A1R93	7-6	58	1A1R144	7-6	39
1A1R42	7-6	49	1A1R94	7-6	50	1A1R145	7-6	39
1A1R43	7-6	41	1A1R95	7-6	59	1A1R147	7-6	36
1A1R44	7-6	39	1A1R96	7-6	38	1A1R148	7-6	36
1A1R45	7-6	50	1A1R97	7-6	38	1A1R149	7-6	40
1A1R46	7-6	48	1A1R98	7-6	38	1A1R150	7-6	40
1A1R47	7-6	40	1A1R99	7-6	45	1A1R151	7-6	39
1A1R48	7-6	38	1A1R100	7-6	62	1A1R152	7-6	36
1A1R49	7-6	36	1A1R101	7-6	63	1A1R153	7-6	36
1A1R50	7-6	49	1A1R102	7-6	49	1A1R154	7-6	36
1A1R51	7-6	45	1A1R103	7-6	40	1A1R155	7-6	36
1A1R52	7-6	51	1A1R104	7-6	40	1A1R156	7-6	36
1A1R53	7-6	44	1A1R105	7-6	40	1A1R157	7-6	40
1A1R54	7-6	40	1A1R106	7-6	64	1A1R158	7-6	40
1A1R55	7-6	45	1A1R107	7-6	39	1A1R159	7-6	39
1A1R56	7-6	36	1A1R108	7-6	40	1A1R160	7-6	36
1A1R57	7-6	39	1A1R109	7-6	63	1A1R161	7-6	36
1A1R58	7-6	39	1A1R110	7-6	38	1A1R162	7-6	36
1A1R59	7-6	36	1A1R111	7-6	40	1A1R163	7-6	36
1A1R60	7-6	49	1A1R112	7-6	40	1A1R164	7-6	40
1A1R61	7-6	38	1A1R113	7-6	63	1A1R165	7-6	40
1A1R62	7-6	45	1A1R114	7-6	40	1A1R166	7-6	39
1A1R63	7-6	49	1A1R115	7-6	38	1A1R167	7-6	36
1A1R64	7-6	36	1A1R116	7-6	63	1A1R168	7-6	36
1A1R65	7-6	49	1A1R117	7-6	39	1A1R169	7-6	36
1A1R66	7-6	52	1A1R118	7-6	64	1A1R170	7-6	36
1A1R67	7-6	53	1A1R119	7-6	40	1A1R171	7-6	36
1A1R68	7-6	54	1A1R120	7-6	59	1A1R172	7-6	40
1A1R69	7-6	55	1A1R121	7-6	36	1A1R173	7-6	40
1A1R70	7-6	39	1A1R122	7-6	65	1A1R174	7-6	39
1A1R71	7-6	56	1A1R123	7-6	40	1A1R175	7-6	36
1A1R72	7-6	39	1A1R124	7-6	39	1A1R176	7-6	67
1A1R74	7-6	45	1A1R125	7-6	40	1A1R177	7-6	67
1A1R75	7-6	48	1A1R126	7-6	36	1A1R178	7-6	67
1A1R76	7-6	40	1A1R127	7-6	49	1A1R179	7-6	67
1A1R77	7-6	40	1A1R128	7-6	36	1A1R180	7-6	37
1A1R78	7-6	48	1A1R129	7-6	40	1A1R182	7-6	36
1A1R79	7-6	48	1A1R130	7-6	40	1A1R183	7-6	36
1A1R80	7-6	45	1A1R131	7-6	59	1A1R184	7-6	49
1A1R81	7-6	45	1A1R132	7-6	66	1A1R185	7-6	47
1A1R82	7-6	48	1A1R133	7-6	40	1A1R186	7-6	45
1A1R83	7-6	57	1A1R134	7-6	40	1A1R187	7-6	45
1A1R84	7-6	58	1A1R135	7-6	40	1A1R188	7-6	40

Reference Designation	Fig No.	Index No.	Reference Designation	Fig No.	Index No.	Reference Designation	Fig No.	Index No.
1A1R189	7-6	45	1A1U15	7-6	81	1A2A3	7-3	6
1A1T1	7-6	68	1A1U16	7-6	82	1A2A3C1	7-3	7
1A1TP2	7-6	69	1A1U17	7-6	80	1A2A3C2	7-3	7
1A1TP3	7-6	70	1A1U18	7-6	80	1A2A3C3	7-3	7
1A1TP4	7-6	71	1A1U19	7-6	80	1A2A3L1	7-3	8
1A1TP5	7-6	72	1A1U20	7-6	83	1A2B1	7-3	11
1A1TP6	7-6	73	1A1U21	7-6	80	1A2C1	7-3	12
1A1TP7	7-6	74	1A1U22	7-6	81	1A2J1	7-1	6
1A1TP8	7-6	75	1A1U23	7-6	80	1A2K1	7-3	13
1A1U1	7-6	76	1A1VR1	7-6	84	1A2K2	7-3	14
1A1U2	7-6	76				1A2L1	7-3	15
1A1U3	7-6	76	1A2	7-1	4	1A2R1	7-3	16
1A1U4	7-6	76	1A2A1	7-1	5	1A2W2	7-1	7
1A1U5	7-6	76	1A2A1B1	7-3	1	1A2W2P1	7-1	8
1A1U6	7-6	76	1A2A1S1	7-5	1	1A2W2P2	7-1	9
1A1U7	7-6	76	1A2A1S2	7-5	1			
1A1U8	7-6	76	1A2A1S3	7-5	1	1A3	7-1	10
1A1U9	7-6	77	1A2A1S4	7-5	1	1A3P1	7-1	11
1A1U10	7-6	76	1A2A1S5	7-5	2	1A3W1	7-1	12
1A1U11	7-6	78	1A2A1W1	7-3	2			
1A1U12	7-6	79	1A2A1W1P1	7-3	3	1W1	7-1	16
1A1U13	7-6	80	1A2A1W1P2	7-3	4			
1A1U14	7-6	76						

CHAPTER 8
FOLDOUT DRAWINGS

LIST OF 100/500 WATT ANTENNA COUPLER FOLDOUT DRAWINGS

- FO-1 Family Tree 100/500 Watt Antenna Coupler
- FO-2 Interconnection Diagram
- FO-3 Logic PWB Assy, A1

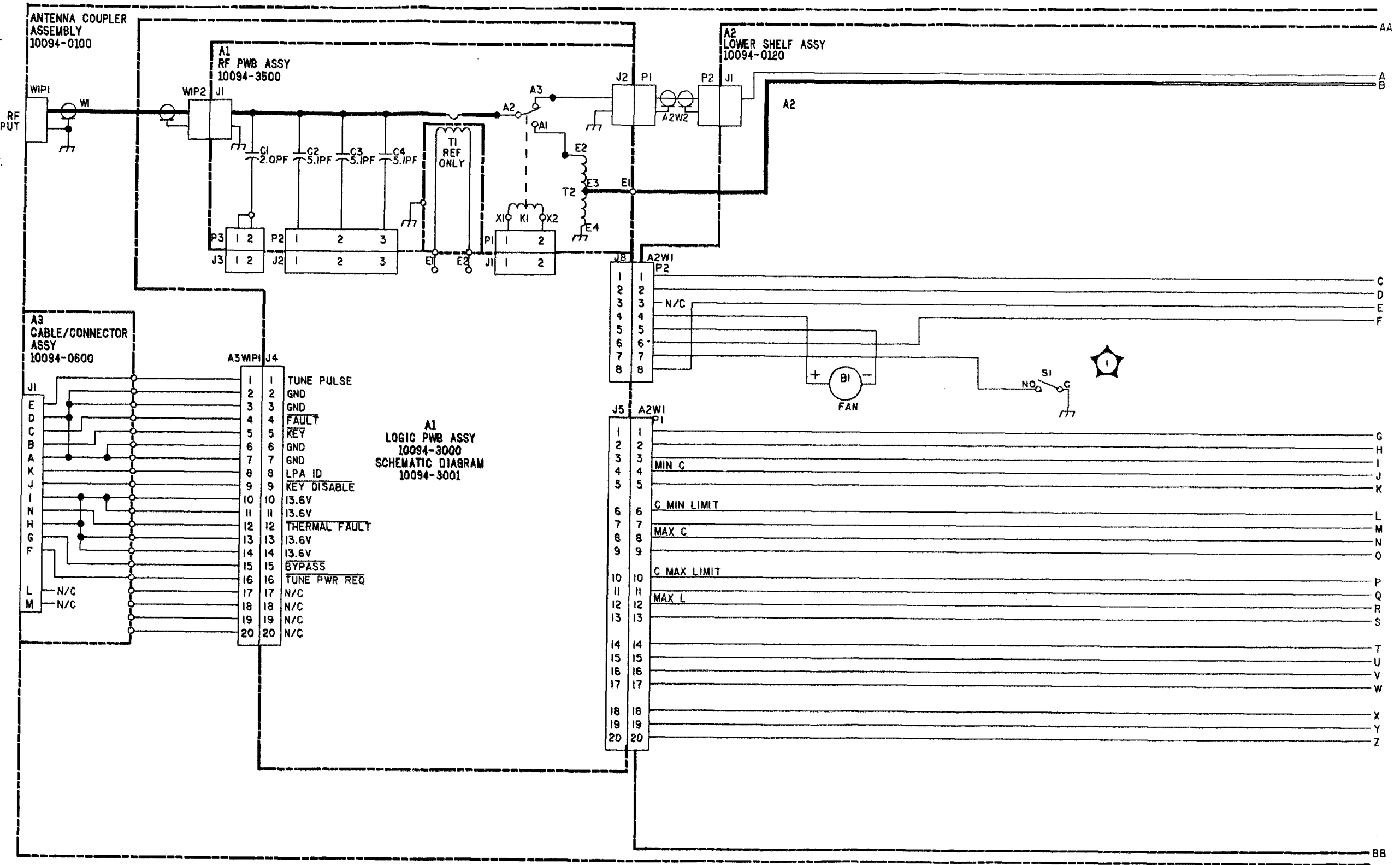


FO-1. Family Tree 100/500 Watt Antenna Coupler

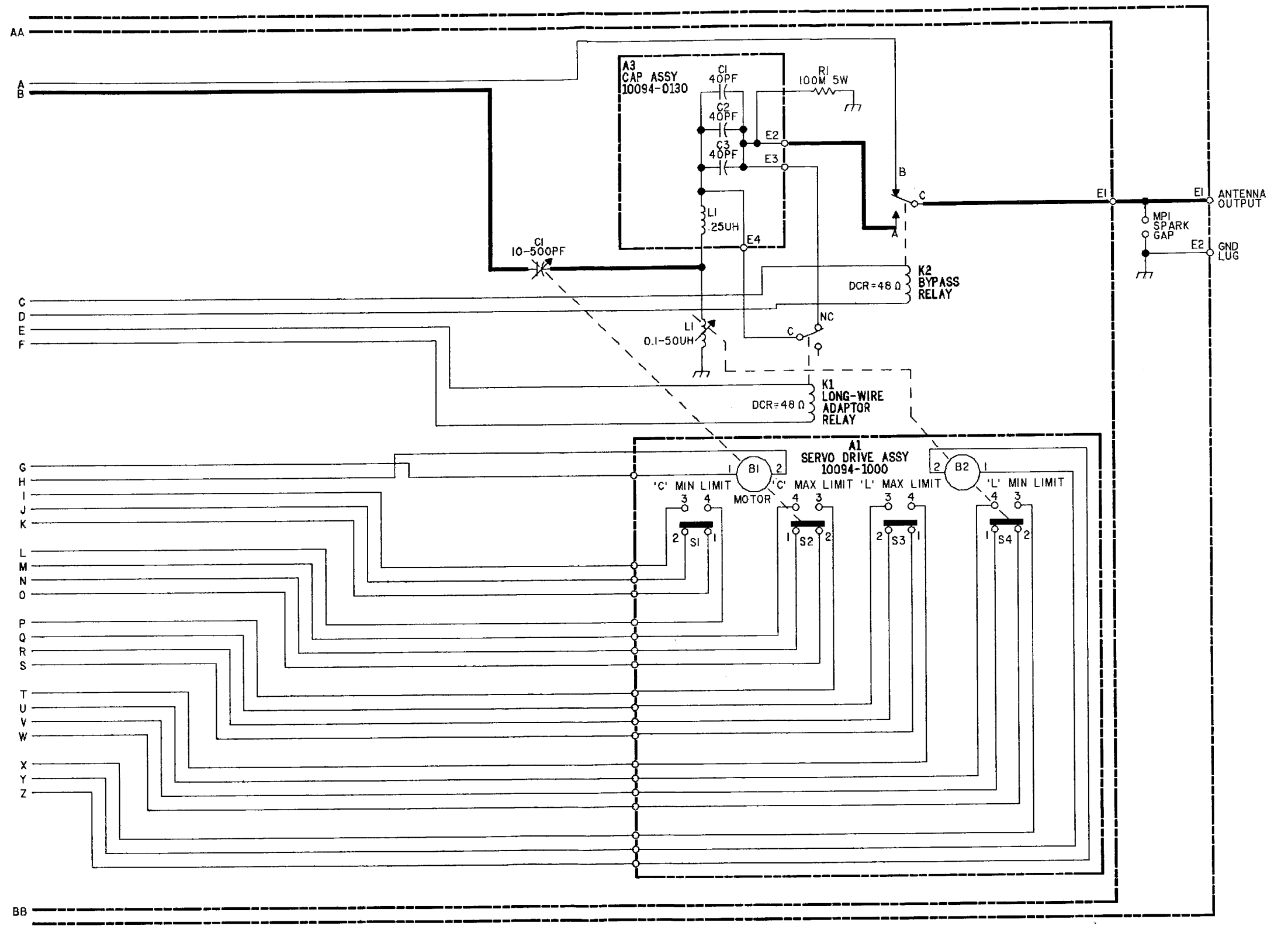
- NOTE: UNLESS OTHERWISE SPECIFIED:
1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN FOR DETAIL PARTS. PREFIX THESE WITH UNIT NO. AND/OR ASSEMBLY DESIGNATIONS SHOWN ON DRAWING TO OBTAIN COMPLETE DESIGNATIONS.
 2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, ±5%.
 3. ALL CAPACITOR VALUES ARE IN MICROFARADS (µF).
 4. ALL INDUCTANCE VALUES ARE IN MICROHENRIES (µH).
 5. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART NO. IN PARTS LIST.
 6. DC RESISTANCES OF INDUCTIVE ELEMENTS (CHOKES, COILS, MOTOR WINDINGS, ETC.) ARE LESS THAN 1 OHM.
 7. PANEL DECALS ARE INDICATED BY BOLD TYPE IN A BOLD BOX, E.G., **ON/OFF**
 8. ALL RELAYS ARE SHOWN IN THE DE-ENERGIZED STATE.

HIGHEST REFERENCE DESIGNATION	
REFERENCE DESIGNATIONS NOT USED	

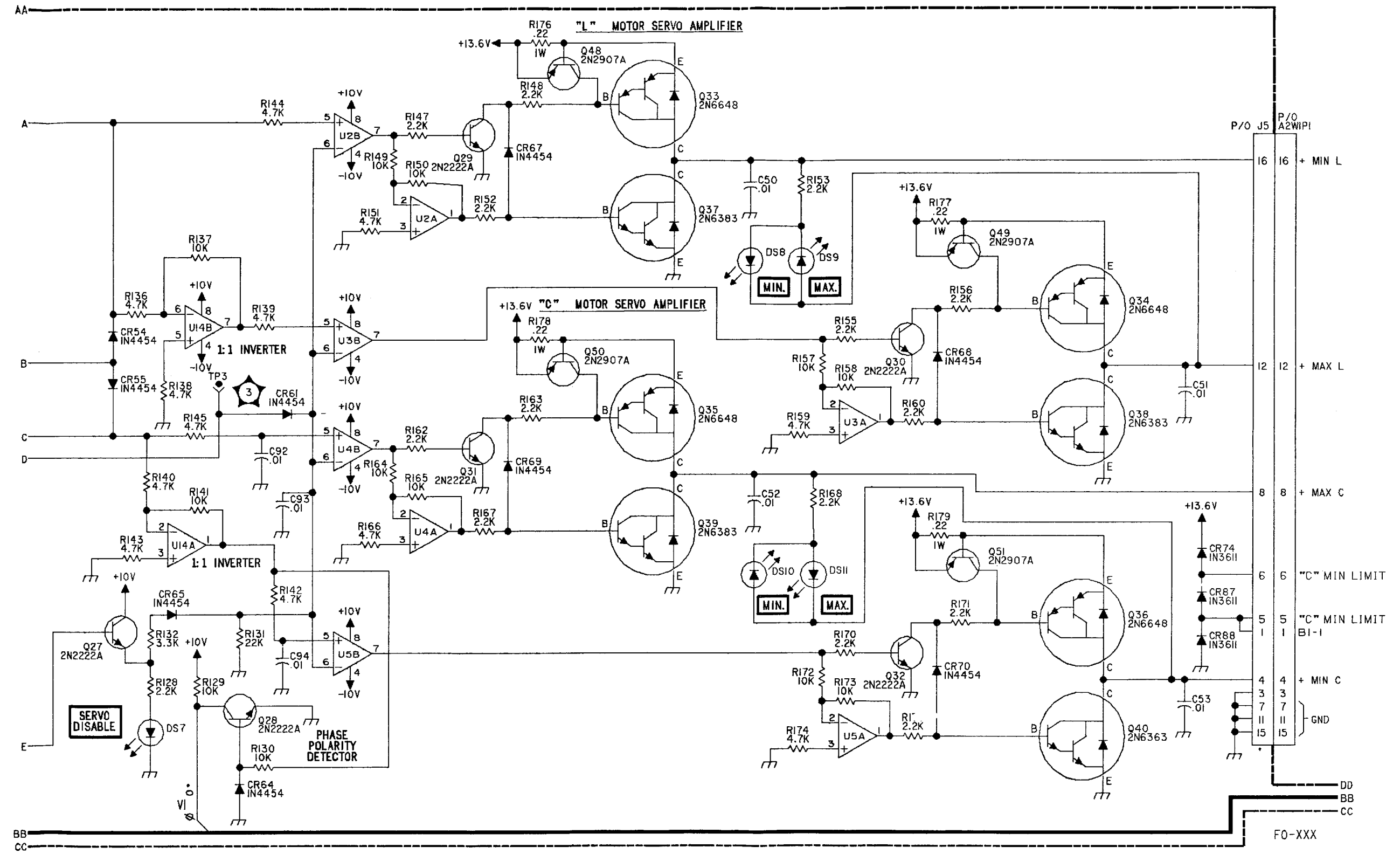
I CLOSES @ 95°C

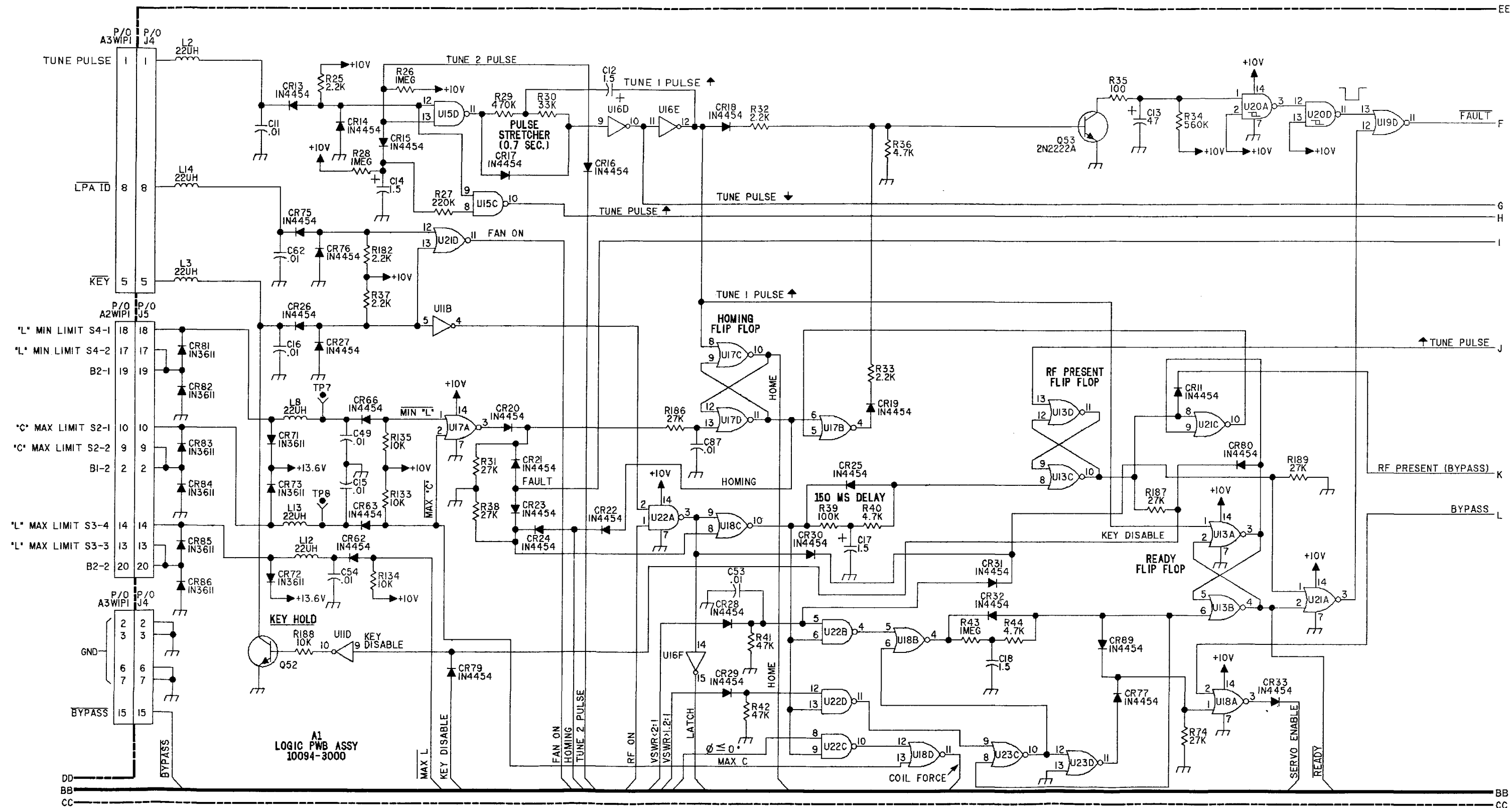


FO-2. Interconnection Diagram (Sheet 1 of 2)

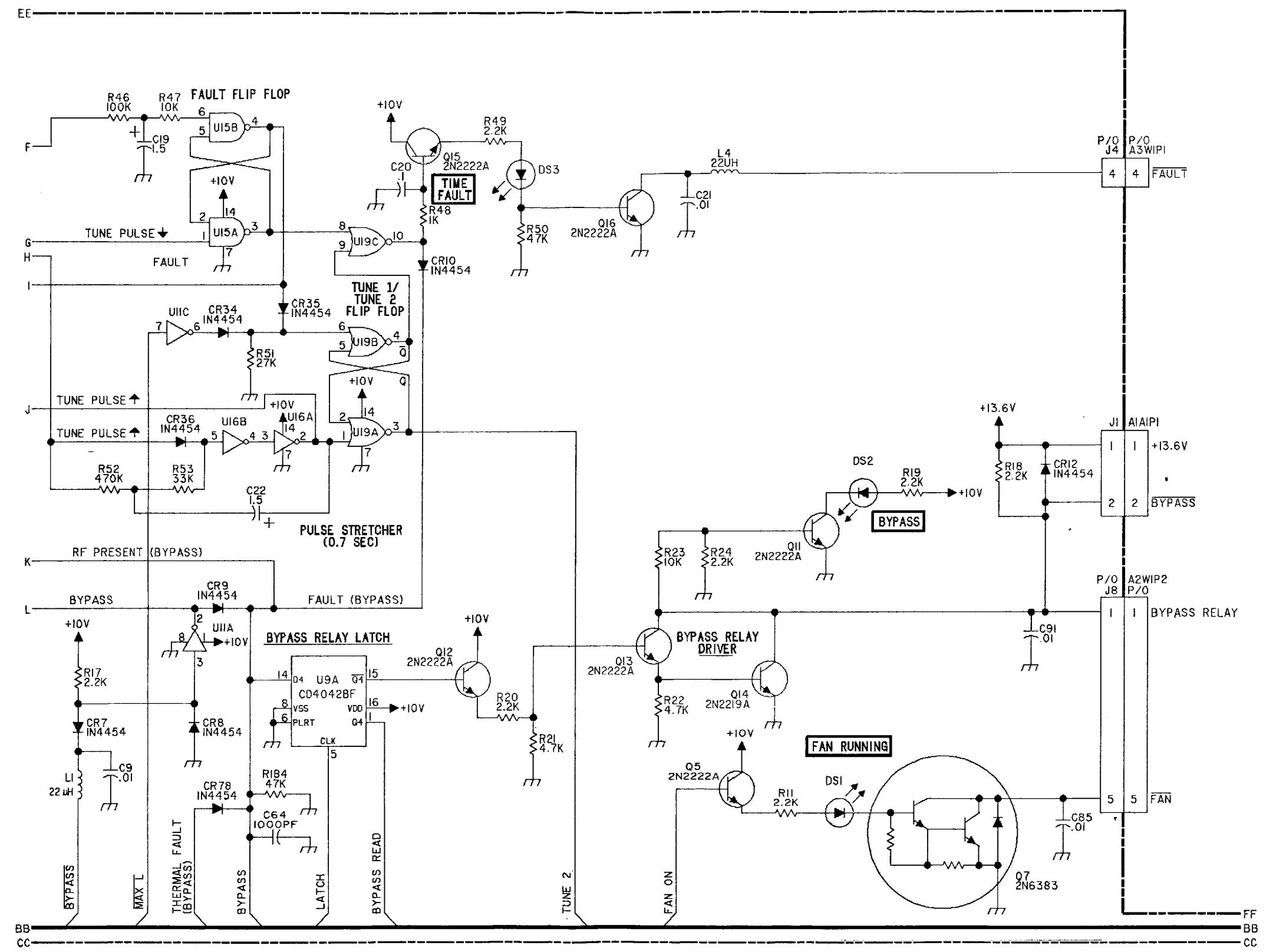


FO-2. Interconnection Diagram
(Sheet 2 of 2)





FO-3. Logic PWB Assy, A1 (Sheet 3 of 5)



FO-3. Logic PWB Assy, A1 (Sheet 4 of 5)

