

FlexRadio Systems FLEX-5000A/C VUPA Parts

Item	Title	Detail	Reference(m)	Mfr P/N
1	CAP ALUM 470UF 25V 20% SMD		C1, C26	EEE-FK1E471P
2	CAP CERM 1000PF 50V NP0 0805	1000pF NPO	C2, C29	0805CG102J9B200
3	CAP CER .1UF 16V 10% X7R 0402		C17, C23	GRM155R71C104KA88D
4	CAP CERM 220PF 10% 100V NP0 1206		C20	12061A221KAT2A
5	CAP CER 200PF 100V 5% C0G 0805		C30, C31, C32, C33, C34, C35	GRM2165C2A201JA01D
6	CAP .1UF 50V CERAMIC X7R 0805		C14, C15, C22	C0805C104K5RACTU
7	CAP CER 1UF 50V X7R 1206	1UF 1206	C16, C21	C1206F105K5RACTU
8	CAP CER 10UF 25V X7R 1210	10UF 1210	C3, C13, C19, C28	GRM32DR71E106KA12L
9	CAP 10000PF 50V CERAMIC X7R 1206	0.01UF 1206	C4, C5, C12, C18, C27	C1206C103K5RACTU
10	CAP RF 27PF 500V 1210 SMD	27PF 1210	C6, C25	SQCB7M270JATME
11	CAP RF 3.9PF 500V 1210 SMD	3.9pF 1210	C7, C10, C11, C24	SQCB7M3R9CAJME
13	CONN HEADER 4POS .100 R/A TIN		J7CHA	22-05-3041
14	CONN RECPT ULTRA-MINI COAX	SMD U.FL	J2, J3	A-1JA-CR
15	CONN MCX JACK STRAIGHT PCB .110"	MCX VERT	J4, J6	133-3701-216
16	CONN HEADER 4POS .156 R/A TIN	26-60-5040	J1	26-60-5040
17	INDUCTOR FIXED 120nH 5% SMD 0402	0402HPH-R12X_LU	L4, L6, L9	0402HPH-R12X_LU
18	INDUCTOR AIR CORE 14nH	1.5T COUNTER CLK #18 .14 IN ID	L1, L3	
19	INDUCTOR AIR CORE 27nH	2.5T COUNTER CLK #18 .14IN ID	L2	
20	INDUCTOR AIR CORE 48nH	2.5T CLKWISE #18AWG 0.25 IN ID	L8, L10	
21	INDUCTOR AIR CORE 88nH	3.5T CLKWISE #18AWG 0.25 IN ID	L11	
22	LED CHIPLED 587NM YLW 0603 SMD	YELLOW LED 0603	LED1, LED2	LY Q971-H1K1-36
23	PCB VUPA BARE BOARD			
24	MOSFET N-CH 25V 680MA SOT-23	FDV303N SOT-23 SMD	Q2, Q3, Q5	FDV303N
25	MOSFET PWR P-CHAN 1A 20V SOT23	DMP3098L-7	Q1, Q4	DMP3098L-7
26	RESISTOR 82 OHM 1206	82 OHM 1% 1206	R7	CRCW1206-82-E3
27	RES 5.1 OHM 1/10W 5% 0603 SMD		R12, R24	RC0603FR-075R11L
28	RES 2.70K OHM 1/10W 1% 0603 SMD		R2, R3, R8, R13, R15, R17, R18	CRCW06032K70FKEA
29	RES .01 OHM 3W 1%	4527 SMD	R9	WSR3R0100FEB

30	RES 100 OHM 1/10W 1% 0603 SMD	100 OHM 0603	R5, R14, R23	302-100-RC
31	RES 470 OHM 1/10W 1% 0603 SMD	470 OHM 0603	R1	RC0603FR-07470RL
32	RES 3.0K 1% 0603		R6	3.0K-RC
33	RES 392 OHM 1/10W 1% 0603 SMD	392 Ohm 0603	R4, R16	RK73H1JTDD3920F
34	RESISTOR 2K OHM 1206	2K OHM 1%	R10	RK73H2BTED2001F
36	IC REG 3-TERM ADJ SOT89-3	LM317LIPK	IC1	LM317LIPK
37	CAPACITOR 2pF 1210	2pF COG 500V 1210	C8, C9	SQCB7M2R0BAJME