

Item	Qty	Reference	Part Description	Manufacture / Part #
1	1	C1	CAP, NPO 220pF 25V	AVX, 06033A221KAT1A 0603
2	1	C2	CAP, X7R 0.015uF 50V	AVX, 06035C153KAT1A 0603
3	1	C3	CAP, Y5U 2.2uF 100V	UNITED CHEMI-CON, THCS50E2A225ZT
4	1	C4	CAP, X7R 0.22uF 16V	TAIYO YUDEN, EMK212BJ224MG 0805
5	1	C5	CAP, CER 47uF 6.3V	TDK, C4532X5R0J476M 1812
6	0	C6	CAP, 0805 ( Opt. )	
7	0	C8,C9	CAP, 0603 ( Opt. )	
8	0	C10	CAP, C-CASE ( Opt. )	
9	1	D1	DIODE SCHOTTKY,3A, 60V,SMA	IR, 30BQ060 SMC
10	1	D2	DIODE, 200mA, 100V	DIODES INC. 1N4148W-7 SOD-123
11	0	D3	DIODE, ( Opt. )	ON SEMI., MMSD914T1-7 SOD-123
12	0	D4	DIODE, ( Opt. )	DIODES INC., SMAZ7V5 SMA
13	6	E1-E6	TP, TURRET, .094"	MILL-MAX, 2501-2
14	1	L1	INDUCTOR, SMT, 10uH, L-COIL-UP2B	COOPER ELECT. UP2B-100
15	0	L1	INDUCTOR, ( Opt. )	SUMIDA, CDRH8D28
16	0	Q1	TRANS, ( Opt. )	DIODES INC., MMBT2222A-7 SOT-23
17	1	R1	RES, 1.5K 1%, 0603	AAC, CR16-1501FM
18	1	R2	RES, 15.4k 1%, 0603	AAC, CR16-1542FM
19	1	R3	RES, 4.99k 1%, 0603	AAC, CR16-4991FM
20	0	R4,R5,R6	RES, ( Opt. )	
21	1	U1	IC, LT3431EFE	LINEAR TECH., LT3431EFE TSSOPEF16
22	4	4 CORNERS	STANDOFF, NYLON HEX #4-40 x 1/4"	MICRO PLASTICS, #14HTSP101
23	4		SCREW, #4-40 x 1/4	ANY