

Item	Qty	Ref	Desc	Part Number
1	1	C1	CAP, X5R 2.2uF 10V 20% 0805	TAIYO YUDEN LMK212BJ225MG-T
2	1	C3	CAP, X7R 0.01uF 10V 10% 0603	AVX 0603ZC103KAT1A
3	1	C4	CAP, NPO 68PF 50V 5% 0603	AVX 06035A680JAT2A
4	1	C5	CAP, X7R 3300pF 100V 10% 0603	AVX 06031C332KAT
5	1	C6	CAP, X5R 1uF 16V 20% 0805	TAIYO YUDEN EMK212BJ105MG-T
6	3	C2,C7,C8	CAP, X7R 0.1uF 16V 20% 0603	AVX 0603YC104MAT
8	4	C10,C11,C12,C13	CAP, Y5V 10uF 16V 1210	AVX 1210YG106ZAT1A
9	1	C14	CAP, POSCAP 220uF 10V 7343	SANYO 10TPB220M
11	1	C16	CAP, TANT 180uF 4V 20% 7343H	PANASONIC EEFUE0G181R
12	1	C19	CAP, X5R 22uF 6.3V 20% 1210	TAIYO YUDEN JMK325BJ226MM-T
14	2	D1,D6	DIODE, B320A SCHOTTKY RECTIFIER SMA	DIODES INC. B320A
16	1	D3	DIODE, MBR0520LT1 SCHOTTKY RECTIFIER 1A SOD-123	DIODES INC. B0520LW
18	1	L1	INDUCTOR, 1.3uH 13A	SUMIDA CDEP105-1R3MC-50
20	2	Q1,Q3	XSTR, Si7440DP N-CHANNEL (D-S) MOSFET 30V	SILICONIX Si7440DP
21	1	R1	RES, 10 OHM 5% 1/16W 0603	CR16-100JM
22	1	R2	RES, 15K OHM 5% 1/16W 0603	AAC CR16-153JM
23	1	R3	RES, 130K OHM 5% 1/16W 0603	CR16-134JM
24	1	R4	RES, 12.1K OHM 1% 1/16W 0603	AAC CR16-1212FM
25	3	R5,R10,R15	RES, 1K OHM 5% 1/16W 0603	AAC CR16-102JM
26	2	R6,R17	RES, 0 OHM JUMPER 1/16W 0603	AAC CRJ06-000M
27	1	R11	RES, POT 10K, 1TURN G3A	BI 22AR10K
28	4	TP1,TP2,TP4,TP7	TURRET, .090	MILL-MAX 2501-2
29	4	TP3,TP5,TP6,TP8	TURRET, .061	MILL-MAX 2308-2-00-44
30	1	U1	IC, LTC3831EGN SYNCHRONOUS BUCK VOLTAGE MODE CONTROLLER	LINEAR TECH LTC3831EGN
	4		SCREW, 4-40 1/4"	ANY
	4		STANDOFF, NYLON 4-40 1/4"	?