

Item	Qty	Ref	Desc	Part Number
1	1	C1, (C25*)	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, (C26*)	CAP, NPO 150PF 50V 5% 0603	AVX 06035A151JAT2A
4	1	C5, (C27*)	CAP, X7R 3300pF 100V 10% 0603	AVX 06031C332KAT
5	1	C6	CAP, X5R 1uF 16V 20% 0805	TAIYO YUDEN EMK212BJ105MG-T
6	2	C7,C8, (C24,C28*)	CAP, X7R 0.1uF 16V 20% 0603	AVX 0603YC104MAT
7	0	C9,C15,C17,C18,C20,C22,C23	DO NOT STUFF	OPTION
8	5	C10,C11,C12,C13,C19	CAP, Y5V 10uF 16V 1210	AVX 1210YG106ZAT1A
9	1	C14	CAP, TANT 220uF 10V 7343	SANYO 10TPB220M
10	1	C16	CAP, TANT 180uF 4V 20% 7343H	PANASONIC EEFUE0G181R
11	1	C21	CAP, NPO 470pF 25V 5% 0603	AVX 06033A471JAT
12	1	D1	DIODE, B320A SCHOTTKY RECTIFIER SMA	DIODES INC. B320A
13	1	D2	DIODE, MMSZ5242 ZENER 500mW SOD-123	DIODES INC. MMSZ5242B
14	1	D3	DIODE, MBR0520LT1 SCHOTTKY RECTIFIER 1A SOD-123	DIODES INC. B0520LW
15	0	D4,D5	DO NOT STUFF	OPTION
16	2	JP2,JP3	HEADER, 2PIN, 2mm	COMM CON 2802S-02G2
17	1	L1	INDUCTOR, 1.3uH 13A	SUMIDA CDEP105-1R3MC-50
19	2	Q1,Q3	XSTR, Si7892DP N-CHANNEL (D-S) MOSFET 30V	SILICONIX Si7892DP
	2	Q2,Q4	DO NOT STUFF	OPTION
20	1	R1	RES, 10 OHM 5% 1/16W 0603	CR16-100JM
21	1	R2	RES, 18.2K OHM 1% 1/16W 0603	AAC CR16-1822FM
22	1	R3	RES, 130K OHM 5% 1/16W 0603	CR16-134JM
23	1	R4	RES, 12K OHM 5% 1/16W 0603	AAC CR16-123JM
24	2	R5,R15, (R16*)	RES, 1K OHM 5% 1/16W 0603	AAC CR16-102JM
25	1	R6	RES, 9.53K OHM 1% 1/16W 0603	AAC CR16-9531FM
26	1	R7	RES, 3.01K OHM 1% 1/16W 0603	AAC CR16-3011FM
27	1	R8	RES, 16.5K OHM 1% 1/16W 0603	AAC CR16-1652FM
28	1	R9	RES, 8.66K OHM 1% 1/16W 0603	AAC CR16-8661FM
29	0	(R12*)	RES, 9.53K OHM 1% 1/16W 0603	AAC CR16-9531FM
30	0	(R13*)	RES, 3.01K OHM 1% 1/16W 0603	AAC CR16-3011FM
31	0	(R14*)	RES, 15K OHM 5% 1/16W 0603	AAC CR16-153JM
32	1	R17	RES, 0 OHM JUMPER 1/16W 0603	CJ06-000M
33	4	TP1,TP2,TP4,TP7	TURRET, .090	MILL-MAX 2501-2
34	2	TP3,TP6	TURRET, .061	MILL-MAX 2308-2-00-44
35	1	U1	IC, LTC3832EGN SYNCHRONOUS BUCK VOLTAGE MODE CONTROLLER	LINEAR TECH LTC3832EGN
36	0	(U2*)	IC, LTC3832-1ES8 SYNCHRONOUS BUCK VOLTAGE MODE CONTROLLER	LINEAR TECH. LTC3832-1ES8
37	4		SCREW, 4-40 1/4"	ANY
38	4		STANDOFF, NYLON 4-40 1/4"	?
			(*USED ONLY, WITH LTC3832-1ES8)	
		U1,C1,C3-C6,R1-R3,R5,R15,TP3	DO NOT STUFF WHEN USING LTC3832-1ES8	