

TITLE: Bill of Materials
DATE: 12/06/2017
DESIGN: max1523_maxrefdes1123_apps_p1

ITEM	QTY	REF DES	MFG PART #	MANUFACTURER	VALUE	DESCRIPTION
1	1	C1	C3216X5R0J106K/1.60	TDK	10UF	CAPACITOR; SMT (1206); CERAMIC CHIP; 10UF; 6.3V; TOL=10%; MODEL=C SERIES; TG=-55 DEGC TO +85 DEGC; TC=X5R
2	1	C2	CGA5L3X7S2A335K160AB	TDK	3.3UF	CAP; SMT (1206); 3.3UF; 10%; 100V; X7S; CERAMIC CHIP
3	1	C3	06031A470GAT2A	AVX	47PF	CAP; SMT (0603); 47PF; 2%; 100V; C0G; CERAMIC CHIP
4	1	C4	CC0603KRX7R0BB331	YAGEO	330PF	CAP; SMT (0603); 330PF; 10%; 100V; X7R; CERAMIC CHIP
5	1	D1	RB168LAM100	ROHM SEMICONDUCTOR	RB168LAM100	DIODE; SCH; SMT (SOD-128); PIV=100V; IF=1A
6	4	GND, VIN, GND1, VOUT	9020 BUSS	WEICO WIRE	MAXIMPAD	EVK KIT PARTS; MAXIM PAD; WIRE; NATURAL; SOLID; WEICO WIRE; SOFT DRAWN BUS TYPE-S; 20AWG
7	1	L1	LPS6235-333MR	COILCRAFT	33UH	INDUCTOR; SMT; MAGNETICALLY SHIELDED; 33UH; TOL=+/-20%; 1.3A
8	1	N1	FDC2512	ON SEMICONDUCTOR	FDC2512	TRAN; POWER TRENCH MOSFET; NCH; SUPERSOT-6; PD-(1.6W); I-(1.4A); V-(150V)
9	1	R1	CRCW08056M34FK	VISHAY DALE	6.34M	RES; SMT (0805); 6.34M; 1%; +/-100PPM/DEGK; 0.125W
10	1	R2	CRCW0805100KFK;RK73H 2ATTD1003;ERJ- 6ENF1003V	VISHAY DALE;KOA SPEER;PANASONIC	100K	RESISTOR; 0805; 100K; 1%; 100PPM; 0.125W; THICK FILM
11	1	U1	MAX1523EUT+	MAXIM	MAX1523EUT+	IC; CTRL; SIMPLE SOT23 BOOST CONTROLLER; SOT23-6
TOTAL	14					

