

Item	Qty	Ref-Des	Part Description	Manufacturer's Part Number
<b>REQUIRED CIRCUIT COMPONENTS:</b>				
1	2	C1,C2	CAP 1210 100uF 20% 10V X5R	TAIYO YUDEN LMK325ABJ107MM-1
2	1	C6	CAP 0402 1800pF 5% 50V X7R	AVX 04025C182JAT
3	1	C7	CAP 0402 47pF 5% 25V NPO	AVX 0603YC104KAT
4	1	C8	CAP 7343 470uF 20% 6.3V POSCAP	SANYO 6TPE470M
5	1	C9	CAP 0402 0.1uF 10% 16V X5R	TDK C1005X5R1C104K
6	1	C10	CAP1206 10uF 10% 10V X5R	TAIYO YUDEN LMK316BJ106KD-T
7	1	D1	DIODE, B320A-13	DIODES INC. B320A-13
8	1	L1	IND 1.0uH	TOYO FDV0630-1R0M-P3
9	1	Q1	XSTR MOSFET N-CHANNEL 20V	VISHAY Si3460DDV
10	1	R1	RES 0402 11k OHMS 1% 1/16W	VISHAY CRCW040211K0FKED
11	1	R2	RES 0402 34.8k OHMS 1% 1/16W	VISHAY CRCW040234K8FKED
12	1	R3	RES 0402 17.4k OHMS 1% 1/10W	VISHAY CRCW040217K4FKED
13	1	R4	RES 0402 5.11k OHMS 1% 1/16W	VISHAY CRCW04025K11FKED
14	1	U1	IC, CURRENT MODE BOOST DC/DC CONTROLLER	LINEAR TECH. LTC3872ETS8#TRPBF
<b>ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:</b>				
1		C3,C4,C5,C11,C13		OPT
2		Q3		VISHAY Si4116DY OPTION
3		R5,R6		OPT
<b>HARDWARE</b>				
1	4	E1,E2,E3,E4	TURRET	MILL MAX 2501-2-00-80-00-00-07-0
2	1	J1	HEADER 3PIN 2mm	SULLINS NRPN031PAEN-RC
3	1	JP1	SHUNT	SAMTEC 2SN-BK-G