

Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
REQUIRED CIRCUIT COMPONENTS:				
1	1	CIN1	CAP, 180uF 20% 16V OSCON	SANYO OSCON 16SVP180MX
2	2	CIN2,CIN3	CAP, 1210 10uF 10% 16V X5R	TAIYO YUDEN EMK325BJ106KN-T
3	2	COUT1,COUT4	CAP, 1210 100uF 20% 6.3V X5R	TDK C3225X5R0J107MT
4	4	COUT2,COUT3,COUT5,COUT6	CAP, 7343 220uF 20% 4V POSCAP	SANYO 4TPE220MF
5	5	C2,C17,C20,C21,C47	CAP, 0603 0.1uF 10% 25V X7R	TDK C1608X7R1E104K
6	3	C11,C32,C36	CAP, 0805 4.7uF 10% 6.3V X5R	TAIYO YUDEN JMK212BJ475KK-T
7	4	C14,C15,C41,C44	CAP, 0603 1nF 10% 50V X7R	AVX 06035C102KAT
8	2	C43,C42	CAP, 0603 220pF 5% 50V NPO	NIC NMC0603NPO221J50TRPF
9	1	C50	CAP, 0603 1uF 20% 16V X7R	AVX 0603YC105MAT2A
10	2	D2,D1	DIODE,CMD5H-3 SOD323	CENTRAL CMD5H-3-LTC
11	2	L1,L2	IND,0.47uH	VISHAY IHLP-4040DZERR47M11
12	2	Q3,Q1	XSTR, N-CHANNEL MOSFET	RENEAS RJK0305DPB
13	2	Q4,Q2	XSTR, N-CHANNEL MOSFET	RENEAS RJK0330DPB
14	2	RS2,RS1	RES, 2010 0.002 OHMS 1% 1/2W	VISHAY WSL20102L000FEA
15	7	R1,R3,R9,R25,R27,R36,R43	RES, 0603 0 OHM JUMPER	PANASONIC ERJ3GEY0R00V
16	4	R4,R65,R67,R70	RES, 0603 10K OHMS 5% 1/16W	VISHAY CRCW060310K0JNEA
17	1	R7	RES, 0603 162K OHMS 1% 1/10W	VISHAY CRCW0603162FKEA
18	1	R18	RES, 0603 2.2 OHMS 5% 1/10W	VISHAY CRCW06032R20JNEA
19	4	R29,R30,R39,R40	RES, 0603 100 OHMS 5% 1/10W	VISHAY CRCW0603100RJNEA
20	1	R31	RES, 0603 15K OHMS 5% 1/10W	VISHAY CRCW060315K0JNEA
21	1	R35	RES, 0603 12K OHMS 5% 1/10W	VISHAY CRCW060312K0JNEA
22	1	R46	RES, 0603 100K OHMS 5% 1/10W	VISHAY CRCW0603100KJNEB
23	1	U1	IC, DUAL OUTPUT SYNCHRONOUS BUCK CONVERTER	LINEAR TECH. LTC3865EUH
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
1	0	C1,C38,C48	CAP, 0603 OPTION	OPTION
2	0	CIN5,CIN4	CAP, 1210 OPTION	OPTION
3	0	Q5,Q6,Q7,Q8	DO NOT STUFF	OPTION
4	0	R2,R26,R28,R33,R34,R37,R38, R41,R42,R44,R45,R47,R49-R53, R55,R61-R64,R66,R68,R69	RES, 0603 OPTION	OPTION

HARDWARE				
1	17	E1-E6,E9-E19	TURRET	MILL-MAX 2501-2-00-80-00-00-07-0
2	2	JP2,JP1	HEADER,3PIN, 2mm	SAMTEC TMM-103-02-L-S
3	1	JP3	HEADER, 4PIN	SAMTEC TMM-104-02--L-S
4	6	J1,J2,J3,J4,J5,J6	JACK, BANANA	KEYSTONE 575-4
5	3	JP1,JP2,JP3	SHUNT, 2mm	SAMTEC 2SN-BK-G