

	A	B	C	D	E
1	Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
2					
3	REQUIRED CIRCUIT COMPONENTS:				
4	1	1	CIMON	CAP, 0603 470pF 10% 50V X7R	MURATA GRM188R71H471KA01D
5	2	2	CIN1,CIN2	CAP, 1210 10uF 10% 63V X7R	MURATA GRM32ER71J106KA12L
6	3	1	CIN3	CAP, 10uF 20% 63V ELEC	SUN ELECT. 63CE10KX
7	4	2	CIN4,C7	CAP, 0805 1uF 10% 100V X7S	TDK C2012X7S2A105K
8	5	2	COUT1,COUT2	CAP, 1206 22uF 10% 10V X7R	MURATA GRM31CR71A226KE15L
9	6	1	COUT3	CAP, 3528 150uF 20% 6.3V POSCAP	PANASONIC 6TPE150MAZB
10	7	1	CTH	CAP, 0603 4.7nF 5% 50V NPO	TDK C1608C0G1H472J080AA
11	8	1	CTHP	CAP, 0603 10pF 5% 25V C0G	AVX 06033A100JAT2A
12	9	1	CVCC	CAP, 0805 2.2uF 10% 16V X7R	AVX 0805YC225KAT2A
13	10	1	C1	CAP, 0603 0.01uF 10% 50V X7R	AVX 06035C103KAT4A
14	11	1	C5	CAP, 0603 1uF 10% 16V X5R	AVX 0603YD105KAT2A
15	12	1	C6	CAP, 0603 0.1uF 10% 50V X7R	AVX 06035C104KAT2A
16	13	1	L1	IND, 5.6uH	COILCRAFT XAL5050-562MEB
17	14	1	RIMON	RES, 0603 10.0K OHMS 1% 1/10W	VISHAY CRCW060310K0FKEA
18	15	1	RTH	RES, 0603 1k OHMS 1% 1/10W	VISHAY CRCW06031K00FKEA
19	16	1	R2	RES, 0603 10M OHMS 1% 1/10W	VISHAY CRCW060310M0FKEA
20	17	1	R3	RES, 0603 100k OHMS 1% 1/10W	VISHAY CRCW0603100KFKEA
21	18	1	R5	RES, 0603 10k OHMS 5% 1/10W	VISHAY CRCW060310K0JNEA
22	19	1	R10	RES, 0603 200k OHMS 1% 1/10W	VISHAY CRCW0603200KFKEA
23	20	1	R13	RES, 0603 100k OHMS 5% 1/10W	VISHAY CRCW0603100KJNEA
24	21	1	R14	RES, 0603 0 OHM JUMPER	VISHAY CRCW06030000Z0EA
25	22	1	R17	RES, 0603 100 OHMS 1% 0.1W	VISHAY CRCW0603100RFKEA
26	23	1	R18	RES, 0805 1M OHMS 1% 1/8W	VISHAY CRCW08051M00FKEA
27	24	1	R25	RES, 0603 1M OHMS 1% 1/10W	VISHAY CRCW06031M00FKEA
28	25	1	R26	RES, 0603 137k OHMS 1% 0.063W	VISHAY CRCW0603137KFKEA
29	26	1	R27	RES, 0603 10 OHMS 1% 0.1W	VISHAY CRCW060310R0FKEA
30	27	1	R28	RES, 0603 196k OHMS 1% 1/10W	VISHAY CRCW0603196KFKEA
31	28	1	U1	IC, SYNCHRONOUS BUCK REGULATOR	LINEAR TECH. LTC3649EFE28#PBF-ES
32					
33					
34	ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
35	1	0	CIN5	CAP, OPTION	OPTION
36	2	0	C3,C4	CAP, 0603 OPTION	OPTION

	A	B	C	D	E
37	3	0	R1,R19,R21,R29,R30,R31	RES, 0603 OPTION	OPTION
38	4	0	R22	RES, 0805 OPTION	VISHAY CRCW08051M00FKEA
39					
40	HARDWARE				
41	1	11	E1,E2,E3,E4,E5,E6,E7,E8,	TURRET	MILL MAX 2501-2-00-80-00-00-07-0
42			E9,E10,E12		
43	2	3	JP1,JP2,JP3	HEADER, 3PIN, DBL ROW 2mm	SULLINS, NRPN032PAEN
44	3	4	MH1,MH2,MH3,MH4	STANDOFF, SNAP ON	KEYSTONE 8833
45	4	3	XJP1,XJP2,XJP3	SHUNT	SAMTEC 2SN-BK-G