

	A	B	C	D	E
1	Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
2					
3	<b>REQUIRED CIRCUIT COMPONENTS:</b>				
4	1	2	CIN1,CIN2	CAP, 47uF 20% 25V 50m Ohm	AVX TCJE476M025R0050
5	2	2	C1,C6	CAP, 1206 22uF10% 25V X5R	AVX 12063D226KAT2A
6	3	2	C2,C5	CAP, 0805 10uF 10% 25V ,X5R	MURATA GRM219R61E106KA12D
7	4	1	C7	CAP, 0603 4.7uF 10% 10V X5R	AVX 0603ZD475KAT2A
8	5	2	C10,C11	CAP, 0603 0.1uF 10% 50V X7R	TDK C1608X7R1H104K
9		0	C10,C11	CAP, 0603 0.1uF 10% 50V X7R - ALTERNATE	AVX 06035C104KAT2A
10	6	2	C12,C14	CAP, 1206 100uF 20% 6.3V X5R	MURATA GRM31CR60J107ME39L
11	7	2	C13,C15	CAP, 1206 47uF 10% 10V X5R	MURATA GRM31CR61A476KE15
12	8	1	C16	CAP, 0603 1nF 5% 50V X7R	AVX 06035C102JAT2A
13	9	1	C17	CAP, 0603 820pF 5% 50V C0G	AVX 06035A821JAT2A
14	10	2	C18,C21	CAP, 0603 22pF 5% 50V C0G	MURATA GRM1885C1H220JA01D
15	11	1	C19	CAP, 0603 15pF 5% 50V C0G	AVX 06035A150JAT2A
16	12	1	C20	CAP, 0603 10pF 5% 50V C0G	AVX 06035A100JAT2A
17	13	2	C22,C23	CAP, 0402 2.2uF 10% 25V X5R	MURATA GRM155R61E225KE11D
18	14	1	L1	IND, 1.5uH	COILCRAFT XAL4020-152ME
19	15	1	L2	IND, 3.3uH	COILCRAFT XAL4030-332ME
20	16	1	R1	RES, 0805 0 OHM JUMPER	VISHAY CRCW08050000Z0EA
21	17	3	R3,R7,R9	RES, 0603 100K OHM 1% 0.1W	VISHAY CRCW0603100KFKEA
22	18	4	R4,R5,R10,R11	RES, 0603 0 OHM JUMPER	VISHAY CRCW06030000Z0EA
23	19	1	R14	RES, 0603 14K OHMS 1% 0.1W	VISHAY CRCW060314K0FKEA
24	20	1	R15	RES, 0603 12.4K OHMS 1% 0.1W	VISHAY CRCW060312K4FKEA
25	21	3	R16,R17,R21	RES, 0603 619K OHM 1% 1/10W	VISHAY CRCW0603619KFKEA
26	22	1	R19	RES, 0603 309K OHMS 1% 1/10W	VISHAY CRCW0603309KFKEA
27	23	1	R20	RES, 0603 412K OHM 1% 1/10W	VISHAY CRCW0603412KFKEA
28	24	1	R22	RES, 0603 196K OHM 1% 1/10W	VISHAY CRCW0603196KFKEA
29	25	1	R23	RES, 0603 137K OHM 1% 1/10W	VISHAY CRCW0603137KFKEA
30	26	1	R24	RES, 0603 84.5K OHM 1% 1/10W	VISHAY CRCW060384K5FKEA
31	27	2	R26,R27	RES, 0603 1M OHMS 1% 1/10W	VISHAY CRCW06031M00FKEA
32	28	1	U1	IC, DUAL DC/DC SYNCHRONOUS STEP-DOWN REGULATOR	LINEAR TECH LTC7124IUDD
33					
34					
35	<b>ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:</b>				
36	1	0	C3,C4	CAP, 100uF 20% 25V ELEC OPTION	PANASONIC 25SVPF100M OPTION
37	2	0	C8,C9,C24	CAP, 0603 OPTION	OPTION

	A	B	C	D	E
38	3	0	C25,C26	CAP, 1206 OPTION	OPTION
39	4	0	R6,R8,R18,R25	RES, 0603 OPTION	OPTION
40	5	0	R12,R13	RES, 0603 0 OHM JUMPER OPTION	VISHAY CRCW06030000Z0EA OPTION
41					
42					
43	<b>HARDWARE</b>				
44	1	16	E1,E2,E3,E4,E5,E6,E7,E8,	TURRET	MILL-MAX 2501-2-00-80-00-00-07-0
45			E9,E10,E11,E12,E13,E14,		
46			E15,E16		
47	2	2	JP1,JP2	HEADER, 3PIN, 2mm	SAMTEC TMM-103-02-L-S
48	3	1	JP3	HEADER, 3PIN, DBL ROW 2mm	SULLINS NRPN032PAEN-RC
49	4	2	JP4,JP5	HEADER, 4PIN, DBL ROW 2mm	SAMTEC TMM-104-02-L-D
50	5	1	JP6	HEADER, 4PIN, 2mm	SAMTEC TMM-104-02-L-S
51	6	4	MH1,MH2,MH3,MH4	STANDOFF, SNAP ON	KEYSTONE_8834
52	7	6	XJP1,XJP2,XJP3,XJP4,XJP5,	SHUNT, 2mm	SAMTEC 2SN-BK-G
53			XJP6		