

	A	B	C	D	E
1	Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
2					
3	REQUIRED CIRCUIT COMPONENTS:				
4					
5	1	6	CIN1,CIN2,CIN3,CIN4,CIN5,	CAP, 1210 22uF 10% 25V X5R	AVX 12103D226KAT2A
6			CIN6		
7	2	2	CO1,CO5	CAP, 7343 470uF 20% 2.5V POSCAP	PANASONIC ETPF470M5H
8	3	4	CO2,CO3,CO4,CO6	CAP, 1210 100uF 10% 6.3V X5R	AVX 12106D107KAT2A
9	4	2	C4,C13	CAP, 0603 150pF 5% 16V C0G	AVX 0603YA151JAT2A
10	5	2	C5,C12	CAP, 0603 1000pF 5% 16V C0G	AVX 0603YA102JAT2A
11	6	1	C6	CAP, 0603 4.7uF 20% 6.3V X5R	AVX 06036D475MAT2A
12	7	2	C8,C14	CAP, 0603 0.1uF 10% 25V X7R	AVX 06033C104KAT2A
13	8	2	C16,C17	CAP, 0603 10uF 20% 25V X5R	TDK C1608X5R1E106M080AC
14	9	2	C18,C20	CAP, 0603 22uF 20% 6.3V X5R	TDK C1608X5R0J226M080AC
15	10	1	L1	IND, 1.0uH	COILCRAFT XAL5030-102MEC
16	11	3	R2,R9,R22	RES, 0603 0 OHM JUMPER	VISHAY CRCW060300000Z0EA
17	12	3	R3,R5,R14	RES, 0603 100 OHMS 5% 0.1W	VISHAY CRCW0603100RJNEA
18	13	2	R4,R15	RES, 0603 121K OHMS 1% 0.1W	VISHAY CRCW0603121KFKEA
19	14	2	R6,R17	RES, 0603 10K OHMS 5% 0.1W	VISHAY CRCW060310K0JNEA
20	15	1	R7	RES, 0603 90.9K OHMS 1% 0.1W	VISHAY CRCW060390K9FKEA
21	16	1	R10	RES, 0603 7.87k OHMS 1% 1/10W	VISHAY CRCW06037K87FKEA
22	17	1	R16	RES, 0603 14k OHMS 1% 0.1W	VISHAY CRCW060314K0FKEA
23	18	1	R18	RES, 0603 40.2K OHMS 1% 0.1W	VISHAY CRCW060340K2FKEA
24	19	3	R24,R25,R30	RES, 0603 10 OHMS 5% 0.1W	VISHAY CRCW060310R0JNEA
25	20	1	U1	IC, VOLTAGE REGULATOR LGA	LINEAR TECH. LTM4631EV#PBF
26					
27	ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
28					
29	1	0	C1,C2,C3,C7,C9,C10,C11,	CAP, 0603 OPTION	OPTION
30			C15		
31	2	0	R1,R8,R11,R12,R13,R16,	RES, 0603 OPTION	OPTION
32			R19,R20,R21,R23,R26,R27,		
33			R28,R29		
34	3	0	R31,R32	RES, 2512 OPTION	OPTION
35					
36	HARDWARE				
37					
38	1	1	J1	CONN., CARD EDGE 1.6mm	SAMTEC MEC2-20-01-L-DV--TR