

Item	Qty	Reference	Part Description	Manufacture / Part #
<b>REQUIRED CIRCUIT COMPONENTS<sup>1</sup></b>				
1	2	C4,C3	CAP, 1210 2.2uF 10% 50V X7R	TDK C3225X7R1H225K
2	2	C12,C13	CAP, 0603 0.47uF 10% 25V X7R	TaiyoYuden,TMK107BJ474KA-T
3	2	C17,C14	CAP, 0402 22pF 5% 50V NPO	AVX 04025A220JAT
4	1	C15	CAP, 0402 220pF 10% 50V NPO	AVX, 04025A221JAT
5	2	C16,C23	CAP, 1210 100uF 20% 6.3V X5R	TaiyoYuden,JMK325BJ107MY
6	1	C18	CAP, 0402 100pF 10% 50V NPO	AVX 04025A101JAT2A
7	1	C19	CAP, 0402 330pF 10% 50V X7R	AVX 04025A331KAT
8	2	C20,C21	CAP, 0402 0.1uF 10% 16V X5R	AVX 0402YD104K
9	1	C22	CAP, 0402 470pF 10% 50V X7R	AVX 04025C471K
10	2	D1,D2	DIODE, SCHOTTKY, POWERDI123	DIODES INC., DFLS230L
11	2	D3,D4	DIODE,CMDSH-3 SOD323	CENTRAL SEMI CMDSH-3
12	1	L1	IND, 6.8uH	VISHAY, IHLP2525CZER6R8M01
13	1	L2	IND, 4.7uH	VISHAY, IHLP2525CZER4R7M01
14	1	R9	RES, 0402 84.5K OHMS 1% 1/16W	AAC CR05-8452FM
15	1	R10	RES, 0402 24.9K OHMS 1% 1/16W	AAC CR05-2492FM
16	1	R12	RES, 0402 61.9K OHMS 1% 1/16W	VISHAY CRCW04026192F
17	1	R13	RES, 0402 31.6K OHMS 1% 1/16W	VISHAY CRCW04023162FRT6
18	2	R14,R17	RES, 0402 8.06K OHMS 1% 1/16W	AAC CR05-8061FM
19	1	R15	RES, 0402 10K OHMS 1% 1/16W	AAC CR05-1002FM
20	1	U1	IC, LT3510EFE	LINEAR TECH LT3510EFE#PBF
<b>ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS<sup>2</sup></b>				
1	2	C1,C2	CAP, 33uF 20% 35V ELEC	SANYO 35CE33LX
2	2	C25,C24	CAP, 1206 10uF 20% 6.3V X5R	TDK C3216X5R0J106M
3	0	D5	OPT	
4	1	JP1	HEADER,3PIN, 2mm	SAMTEC TMM-103-02-L-S
5	1	JP1	SHUNT	SAMTEC 2SN-BK-G
6	2	R7,R8	RES, 0402 100K OHMS 1% 1/16W	VISHAY CRCW04021003F
7	0	R18,R19	DO NOT STUFF 0402	OPTION
8	0	R22	RES, 0402 0 OHM JUMPER OPTION	VISHAY CRCW04020000Z0ED OPTION
<b>HARDWARE-FOR DEMO BOARD ONLY:</b>				
1	14	TP1-TP14	TURRET	MILL-MAX-2501-2-00-80-00-00-07-0
<b>Notes:</b>				
1. Required Circuit Components are those parts that are required to implement the circuit function				
2. Additional Demo Board Circuit Components are those parts that provide added functionality for the demo board but are not required in the actual circuit.				