

Item	Qty	Reference	Part Description	Manufacturer / Part #
REQUIRED CIRCUIT COMPONENTS¹:				
1	1	C1	CAP., X5R, 0.22uF, 16V, 10%, 0402	TDK, C1005X5R1C224K
2	1	C3	CAP., X5R, 2.2uF, 50V, 10%, 1206	MURATA, GRM31CR61H225KA88L
3	1	C4	CAP., X7R, 0.01uF, 25V, 10%, 0402	TDK, C1005X7R1E103K
4	1	C5	CAP., NP0, 22PF 50V, 0402	AVX, 04025A220KAT2A
5	1	C6	CAP., X5R, 22UF 10V 10%, 1206	TAIYO YUDEN, LMK316BJ226K
6	1	D2	DIODE, SCHOTTKY, POWERMITE	ON SEMI., MBRM140T1G
7	1	L1	IND, 6.8uH, L-IHLP-2020BZ	VISHAY, IHLP-2020BZER6R8M01
8	2	R1,R6	RES., CHIP, 10K, 1/16W, 1% 0402	VISHAY, CRCW040210K0FKED
9	1	R2	RES., CHIP, 100K, 1/16W, 1% 0402	VISHAY, CRCW0402100KFKED
10	1	R3	RES., CHIP, 31.6K, 1/16W, 1% 0402	VISHAY, CRCW040231K6FKED
11	1	R4	RES., CHIP, 38.3K, 1/16W, 1% 0402	VISHAY, CRCW040238K3FKED
12	1	R7	RES., CHIP, 61.9K, 1/16W, 1% 0402	VISHAY, CRCW040261K9FKED
13	1	U1	I.C., LT3686EDD, DFN10DD	LINEAR TECH., LT3686EDD
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS²:				
1	1	C2	CAP., ALUM., 10uF, 63V, C-SANYO-CE-BS-6.3X5.4	SANYO, 63CE10BS
HARDWARE FOR DEMO BOARD ONLY:				
1	5	E1,E2,E3,E4,E5	TESTPOINT, TURRET, .094"	MILL-MAX, 2501-2-00-80-00-00-07-0
2	1	JP1	HEADER 3 PIN 0.079 SINGLE ROW	SAMTEC, TMM103-02-L-S
3	1	SHUNT JP1 (1&2)	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G
Notes:				
		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.		