

Item	Qty	Reference	Part Description	Manufacturer / Part #
REQUIRED CIRCUIT COMPONENTS				
1	1	C1	CAP, X7R, 2200pF 50V, 10%,0402	AVX, 04025C222KAT2A
2	1	C2	CAP, NP0, 220pF 50V, 5%,0402	AVX, 04025A221JAT2A
3	1	C3	CAP, NP0, 10pF 50V, 5%,0402	AVX, 04025A100JAT2A
4	1	C4	CAP, NPO, 470pF 50V, 5%,0402	TDK, C1005COG1H471J
5	1	C6	CAP., X7R 0.1UF 16V, 10%, 0402	TDK, C1005X7R1C104K
6	1	C7	CAP., X5R 4.7UF 6.3V, 20%, 0603	TDK, C1608X5R0J475M
7	2	C8,C9	CAP., X5R, 0.22UF 10V, 10%, 0402	TDK, C1005X5R1A224K
8	1	C12	CAP., X7R, 22UF 16V, 20%, 1210	TDK, C3225X7R1C226M
9	1	C14	CAP., X5R 47UF 6.3V, 20%, 1210	TDK, C3225X5R0J476M
10	1	C16	CAP., POSCAP, 150UF 6.3V, 6032	SANYO, 6TPE150MIC2
11	2	D1,D2	DIODE, SCHOTTKY, SOD323	CENTRAL SEMI., CMDSH-3-LTC
12	1	D3	DIODE, SCHOTTKY, SOD323F	PHILIPS SEMI., PMEG2020EJ T/R
13	1	D4	DIODE, SCHOTTKY, SOD123F	PHILIPS SEMI., PMEG1030EH T/R
14	1	L1	IND, FIXED, 2.2UH	TDK, RLF7030T-2R2M5R4
15	2	Q2,Q1	MOSFET, DUAL N-CH, SO8	FAIRCHILD, FDS6894A
16	2	R5,R1	RES., CHIP, 215K, 1/16W, 1%, 0402	VISHAY, CRCW04022153F
17	1	R2	RES., CHIP, 10K, 1/16W, 1%, 0402	VISHAY, CRCW04021002F
18	2	R6,R3	RES., CHIP, 127K, 1/16W, 1%, 0402	VISHAY, CRCW0402127KFKED
19	1	R4	RES., CHIP, 31.6K, 1/16W, 1%, 0402	VISHAY, CRCW040231K6FKED
20	1	R7	RES., CHIP, 42.2K, 1/16W, 1%, 0402	VISHAY, CRCW04024222F
21	1	R8	RES., CHIP, 49.9K, 1/16W, 1%, 0402	VISHAY, CRCW040249K9FKED
22	1	U1	I.C., LTC3785EUF, QFN24UF	LINEAR TECH., LTC3785EUF
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS				
1	0	C5	CAP., 0402	OPT
2	3	C10,C11,C15	CAP., X7R 0.1UF 16V, 10%, 0402	TDK, C1005X7R1C104K
3	1	C13	CAP., ELECT., 220UF 16V	SANYO, 16CV220KX
4	0	L2	IND, DO1813HC	OPT
5	2	R9,R10	RES., CHIP, 10K, 1/16W, 1%, 0402	VISHAY, CRCW04021002F
6	0	R12	RES., 0402	OPT
HARDWARE-FOR DEMO BOARD ONLY				
1	4		STAND-OFF, NYLON (SNAP ON), 0.50" TALL	KEYSTONE, 8833(SNAP ON)
2	7	E1,E2,E3,E5,E6,E7,E8	TESTPOINT, TURRET, .064"	MILL-MAX, 2308-2