

Item	Qty	Reference	Part Description	Manufacture's Part Number
REQUIRED CIRCUIT COMPONENTS:				
1	1	C1	CAP, 0805 1uF 10% 50V X7R	MURATA GRM21BR71H105K
2	1	C5	CAP, 0603 1uF 20% 6.3V X5R	AVX 06036D105MAT
3	1	D2	DIODE, SCHOTTKY	PHILIPS PMEG4005AEA
4	1	L1	INDUCTOR, 22uH	TAIYO YUDEN NR3015T220M
5	1	U1	IC, LT3593EDC	LINEAR TECH. LT3593EDC#PBF
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
1	1	C2	CAP, 0603 1uF 20% 10V X5R	AVX 0603ZD105MAT
2	2	C3, C4	CAP, 0603 0.1uF 10% 50V X7R	AVX 06035C104KAT
3	1	D1	DIODE, SCHOTTKY	ZETEX BAT54C
4	1	LCD1	IC, LCD, NO BACKLIGHT	CRYSTALFONTZ AMERICA CFAH0802A-NYA-JP
5	7	R1,R3,R6,R7,R8,R9,R13	RES, 0402 10K OHM 1% 1/16W	VISHAY CRCW040210K0FKED
6	1	R2	RES, 0402 100 OHMS 1% 1/16W	VISHAY CRCW0402100RKFED
7	1	R4	RES, 0402 49.9K OHMS 1% 1/16W	VISHAY CRCW040249K9FKEA
8	1	R5	RES, 10K POT	PANASONIC EVM-3YSX50B14
9	3	R10,R11,R12	RES, 0402 100K OHMS 1% 1/16W	VISHAY CRCW0402100KFKED
10	1	U2	IC, MICRO CONTROLLER	MICROCHIP PIC16F873A-I/SS
11	1	U3	IC, RESISTOR SET OSC	LINEAR TECH LTC6907CS6
12	1	U4	IC, UHS DUAL BUFFER	FAIRCHILD NC7WZ17P6X
HARDWARE-FOR DEMO BOARD ONLY:				
1	7	E1-E7	TURRET	MILL-MAX 2501-2-00-80-00-00-07-0
2	1	JP1	HEADER,3PIN, 2mm	SAMTEC TMM-103-02-L-S
3	1	JP2	HEADER, 2X3, 2mm	SAMTEC TMM-103-02-L-D
4	3	SW1,SW2,SW3	SWITCH, MOMENTARY	PANASONIC EVQPPDA25
5	1	XJP1	SHUNT, 2mm	SAMTEC 2SN-BK-G
6	4	MTGS AT 4 CORNERS	STAND OFF	KEYSTONE 8831
7	1	XLCD1	Headers, Dbl. Row 2 x 7 0.1" ctrs.	Samtec TSW-107-07-L-D
8	2	XLCD1	Headers, SINGLE Row 2 x 1 0.1" ctrs.	Samtec TSW-101-07-L-S