

#	RefDes	Value	Name	Quantity
1	C1	1uF (105)	CAP_0805_L	1
2	C2	1nF (102)	CAP_0603_L	1
3	C3	1nF (102)	CAP_0603_L	1
4	C4	1uF (105)	CAP_0805_L	1
5	C5	4.7uF (475)	CAP_1206_L	1
6	C6	10uF (106)	CAP_1206_L	1
7	D1	BAT42WS (SOD-323)	DIO_SCHOTTKY	1
8	D2	MM3Z5V6S (SOD-323)	DIO_ZENER_2	1
9	D3	BAT42WS (SOD-323)	DIO_SCHOTTKY	1
10	D4	1N4148W (SOD-123)	DIO_1	1
11	DSP1	Bargraph1 (0.3")	bargraph 10segment	1
12	J1	DF11-4DP-2DSA(08)	DF11-4DP-2mm	1
13	J2	4pos-0.1"	H4-2.54mm-AMP	1
14	J3	6Pos-2mm	6pos-2mm-TH	1
15	LED11	solder pad	LED11 out	1
16	LED12	solder pad	LED12 out	1
17	LED13	solder pad	LED13 out	1
18	LED14	solder pad	LED14 out	1
19	LED15	solder pad	LED15 out	1
20	LED16	solder pad	LED16 out	1
21	R1	10K	RES_0603_L	1
22	R2	10K	RES_0603_L	1
23	R3	220R	RES_0603_L	1
24	R4	10K	RES_0603_L	1
25	R5	220R	RES_0603_L	1
26	R6	100K	RES_0603_L	1
27	R7	2K	RES_0603_L	1
28	R8	20K	RES_0603_L	1
29	R9	20K	RES_0603_L	1
30	R10	20K	RES_0603_L	1
31	R11	1K (DNI)	RES_0603_L	1
32	R12	1K	RES_0603_L	1
33	R13	0.02R (1206 pad), shunt	RES_1206_L	1
34	R14	100K (DNI, op-amp gain)	RES_0603_L	1
35	R15	100K (DNI, op-amp gain))	RES_0603_L	1
36	R16	220R	RES_0603_L	1
37	R17	220R	RES_0603_L	1
38	RC4	solder pad	TESTPOINT	1
39	U1	MCP6001	MCP6001	1
40	U2	PIC16F18325-I/ST (14-TSSOP)	PIC16F18325-I/ST	1
41	U3	STP16CPC26TTR (24-TSSOP)	STP16CPC26TTR	1
42	U4	CUI VXO7805-500, 7805 reg	REG-TO220	1
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