

<b>Onstate Technologies</b>				Bill of Materials:	Bargraph Meter V2
www.OnstateTech.com			file: BOM-BMBM-2	Revision: 1	Date: Feb/09
<u>Part #:</u>	<u>Qty.</u>	<u>Value:</u>	<u>Description:</u>	<u>Supplier:</u>	<u>Supplier #:</u>
R1	1	100k	100k Ohm resistor, 1/8W 5%	Digikey	100KEBK-ND
R2	1	0.47k	470 Ohm resistor, 1/8W 5%	Digikey	470EBK-ND
R3	1	1.5k	1.5k Ohm resistor, 1/8W 5%	Digikey	1.5KEBK-ND
VR1	1	100k	100k variable resistor, 3362P, top adjust	Digikey	3362P-104LF-ND
VR2	1	10k	10k variable resistor, 3362P, top adjust	Digikey	3362P-103LF-ND
VR3	1	20k	20k variable resistor, 3362P, top adjust side adjust, bend pin 2 to fit	Digikey	3362P-203LF-ND 3362M-x0yLF-ND
D1	1	1N4002	general Si diode, 1A	Digikey	1N4002DICT-ND
D2	1	BAT48	diode, schottky, 40V, 350mA, DO-35	Digikey	497-2512-1-ND
		BAT42	diode, schottky, 30V, 200mA, DO-35		497-2495-1-ND
C1	1	1.0uF	cap, 1.0uF 50V, electrolytic, radial	Digikey	P5174-ND
C2	1	47uF	35V 47uF electrolytic capacitor	Digikey	P5164-ND
C3			replacement 25V 47uF.		
IC1	1	LM3914	10 segment bargraph display driver, linear	Digikey	LM3914N-1-ND
		LM3915	10 segment bargraph display driver, VU	Digikey	LM3915N-1-ND
DSP1	1	GRN	10 segment bargraph display, green	Digikey	160-1067-ND
	1	RED	10 segment bargraph display, red		160-1066-ND
	1	YLW	10 segment bargraph display, yellow		160-1068-ND
H1	1	H1	3 pin locking, right angle, 0.1" spacing	optional	A19480-ND
			3 pin locking, straight, 0.1" spacing	optional	A19470-ND
H2	1	J2, 7812	jumper wire or 12V 1A regulator		
			12V 1A, 0°C ~ 125°C, 14.5 ~ 27V in	Digikey	LM340T-12-ND
			12V 1A, 0°C ~ 125°C, 14 ~ 30V in		LM7812ACT-ND
			12V 1A, -40°C ~ 125°C, 14.5 ~ 35V		LM7812CTFS-ND
PCB	1	PCB	10 LED bargraph meter PCB	Onstate	PCB-BMBM-2
CON1	1	CON1	3 pin locking housing, 0.1" spacing	optional	A19491-ND
CRIMP	3	CRIMP	0.1" crimp pin	optional	A19520-ND
WIRE-RED	1	WIRE-RED	12" 24 AWG stranded red wire		
WIRE-BLK	1	WIRE-BLK	12" 24 AWG stranded black wire		
WIRE-BLUE	1	WIRE-BLUE	12" 24 AWG stranded blue wire		