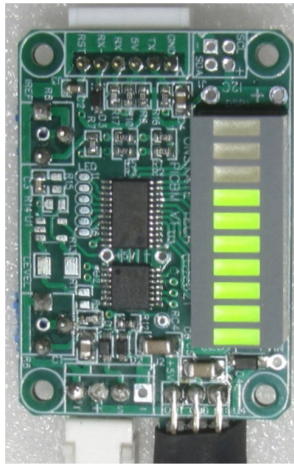


Multi-Purpose Programmable Bargraph Display Meter



The PICBM Bargraph Meter is a programmable 10-LED display meter for quick visual indication of voltage inputs or signal levels. The circuit is based on the PIC16F18325 microcontroller and STP16CPC26 constant current LED sink driver. Its small size, integrated, multi-function design makes it very useful as multi-purpose indicators to replace the LM391x series of bargraph display drivers for linear or music VU meter applications. The microcontroller allows for signal processing for audio spectrum processing (color organ) and display or frequency-voltage display (LM2917N tachometer).

Features:	Applications:
- 10 LED bargraph display, +6 solder pads	- Voltmeter, frequency meter
- Adjustable brightness control (VR)	- Audio music VU sound level meter
- Replacement for LM3914/5/6	- Audio spectrum color organ
- Constant current LED display	- Expanded scale meter
- Adjustable display scale range (VR)	- Tachometer RPM/freq. display
- Easy-to-use integrated design	- Props and displays
- Small and multi-purpose	- 16 LED display
- Programmable display	- Alpha-numeric display
- Op-amp input for various signals	- Programmable LED display
- Rugged FR4, ROHS, HASL, plated hole PCB	

See PICBM Bargraph Meter schematic and data sheets for more technical information. See appropriate schematic for application requirements.

PIC16F18325: PIC® 16F, Microcontroller IC 8-Bit 32MHz 14KB (8K x 14) FLASH

STP16CPC26: Monolithic 16-bit CC LED sink driver 5mA-90 mA shift register, data latches

