



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**16 x 2 LCD Character Display Module
for the MB203 module board**

The MB203LCD is a 16 x 2 Character LCD Display Module compatible with MB203 module board, a precision $\pm 5\frac{1}{2}$ -digit Digital Voltmeter (DVM) printed circuit board that contains the ALD500R/ALD523D A/D Converter – Display Module Controller chipset. The MB203LCD has built-in Character ROM, display driver and column driver, a 6-inch cable and a 14-pin connector that plugs into the side of the MB203 board. It draws its power directly from the MB203 module board so that a separate power supply source is not required.

The MB203LCD, together with the MB203 and a standard +5 V DC power supply source, makes a complete high resolution, high precision Digital Panel Meter. For a complete list of characters available, please see publication DVM523, ALD523D Setup and Calibration Software User Guide, page 15.

Key Features

- 16 Characters with 2 lines display
- Over 200 character fonts available
- High Display resolution: 5 x 8 dots per character
- Display with driver mounted on a single printed circuit board
- Standard CMOS Logic compatible
- 6 inch cable with 14-pin connector that plugs directly into the MB203 Module Board
- Displays Multiple Display Sets with the MB203 Module Board
- Easy to program with the MB203 Module Board software and a standard PC

Key Specifications

- Power Supply: +4.5 V to +5.5V max @ 5mA max.
- High-Level Input Voltage= 2.2 V to Vcc
- Low-Level Input Voltage: 0.0 V to 0.6 V
- Operating Temperature Range: 0 to 50 degrees C.
- Font size: 4.35 mm x 2.95 mm
- Overall dimension: 80.0 mm (width) x 36.0 mm (height) x 11.0 mm (depth)