



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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Serial Enabled 20x4 LCD - Black on Green 5V

LCD-09568 ROHS ✓

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Description: This is the latest evolution of our serial LCD. Included on a single board is a 20x4 LCD and an embedded circuit based around a PIC 16F88. The on-board PIC takes a TTL serial input and prints the characters it receives onto the LCD. The installed firmware also allows for a number of special commands so you can clear the screen, adjust the backlight brightness, turn the display on/off, and more.

Communication with SerLCD requires 5V TTL serial at a default baud rate of 9600bps (8-N-1). You can adjust the baud to any standard rate between 2400 and 38400bps. The power (VDD), ground (GND) and RX pins are all broken out to both a 0.1" pitch header as well as a 3-pin JST connector.

SerLCD has the ability to dim the backlight to conserve power if needed. There is also a potentiometer on the back of the display to adjust the contrast.

This LCD makes for a great gift, because it can be used for so many different projects! For more gift ideas check out the SparkFun Gift Guide!

Features:

- Embedded PIC 16F88 utilizes onboard UART for greater communication accuracy
- 20x4 Black on Green LCD
- Adjustable baud rates of 2400, 4800, 9600 (default), 14400, 19200 and 38400
- Operational Backspace
- Greater processing speed at 10MHz
- Incoming buffer stores up to 80 characters
- Backlight transistor can handle up to 1A

- Pulse width modulation of backlight allows direct control of backlight brightness and current consumption
- All surface mount design allows a backpack that is half the size of the original
- Faster boot-up time
- Boot-up display can be turned on/off via firmware
- User definable splash screen

Dimensions:

- PCB: 105 x 59.9 mm
- LCD: 87.3 x 41.8 mm