

Standard LCD 20x4 + extras - white on blue

PRODUCT ID: 198

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DESCRIPTION

TECHNICAL DETAILS



DESCRIPTION

Standard HD44780 LCDs are useful for creating standalone projects.

- 20 characters wide, 4 rows
- White text on blue background
- Connection port is 0.1" pitch, single row for easy breadboarding and wiring
- Single LED backlight with a resistor included, you can power it directly from 5V. If it's too bright for you, it can be dimmed easily with a resistor or PWM and uses much less power than LCD with EL (electroluminescent) backlights
- Can be fully controlled with only 6 digital lines!
- Built in character set supports English/Japanese text, see the HD44780 datasheet for the full character set
- Up to 8 extra characters can be created for custom glyphs or 'foreign' language support

- Comes with [necessary contrast potentiometer](#) and strip of header

We have a [datasheet that has dimensions and pin-locations](#) and then a [HD44780 datasheet with the detailed commands for control](#)

We have a [generic 20x4 datasheet that has dimensions and pin-locations](#) (the exact model may vary but the pinout, size and protocol information is the same). We also have a [HD44780 datasheet with the detailed commands for control](#)

TECHNICAL DETAILS

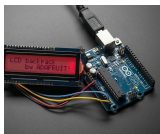


LEARN



Character LCDs

Wiring up a character LCD to an Arduino



i2c/SPI LCD Backpack

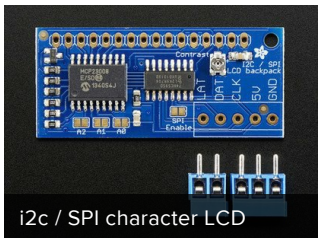
Saving you 4 pins, every day



Character LCD with Raspberry Pi or BeagleBone Black

Use a 16x2 or 20x4 character LCD with a small Linux board!

MAY WE ALSO SUGGEST...



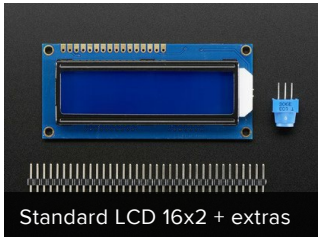
i2c / SPI character LCD



RGB backlight negative LCD



RGB backlight positive LCD



Standard LCD 16x2 + extras



Adafruit USB + Serial LCD



RGB backlight negative LCD



Assembled Standard LCD



RGB backlight positive LCD



LCD Shield Kit w/ 16x2

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"This is not the age of pamphleteers. It is the age of engineers. The spark-gap is mightier than the pen" - [Lancelot Hogben](#)



4.9 ★★★★★
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