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

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**TECHNICAL DETAILS**

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**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!

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**MAY WE ALSO SUGGEST...**

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**DISTRIBUTORS**

EXPAND TO SEE DISTRIBUTORS

Downloaded from Arrow.com.
"This is not the age of pamphleteers. It is the age of engineers. The spark-gap is mightier than the pen" - Lancelot Hogben