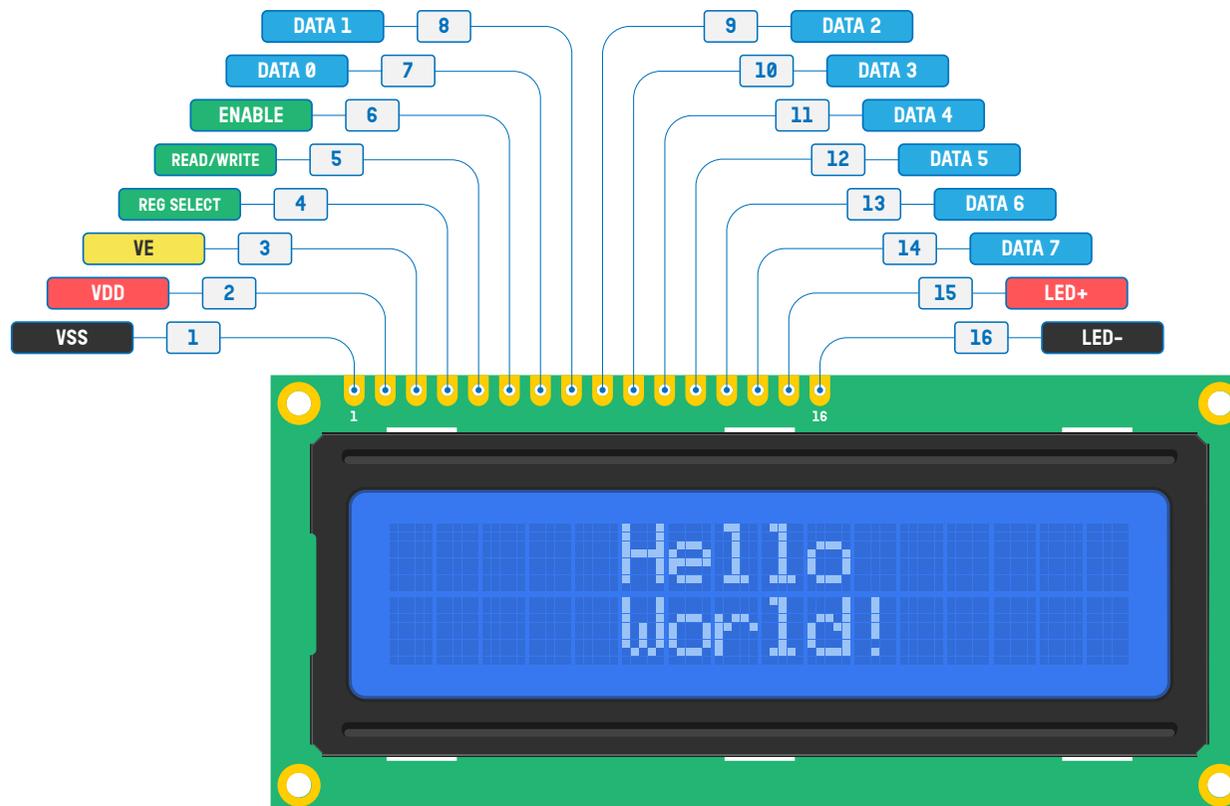


16x2 CHARACTER LCD PINOUT



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Please visit <https://github.com/adafruit/Fritzing-Library> for more info.

PHYSICAL PIN

POSITIVE SUPPLY

CONTROL PINS

GROUND SUPPLY

DATA PINS

CONTRAST

- LCD is assumed to be **Hitachi HD44780**-compatible.
- Pinout is compatible with 16x1, 20x4 and similar LCDs.
- **VDD** is +5V.
- **VE** is a positive voltage for contrast control. A potentiometer may be connected to set display contrast.
- **LED+** can also be +5V. An optional current limiting resistor may be needed.
- Some LCDs allow configuring pins **15** and **16** to **LED+ (A)** or **LED- (K)** using solder jumpers.



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