



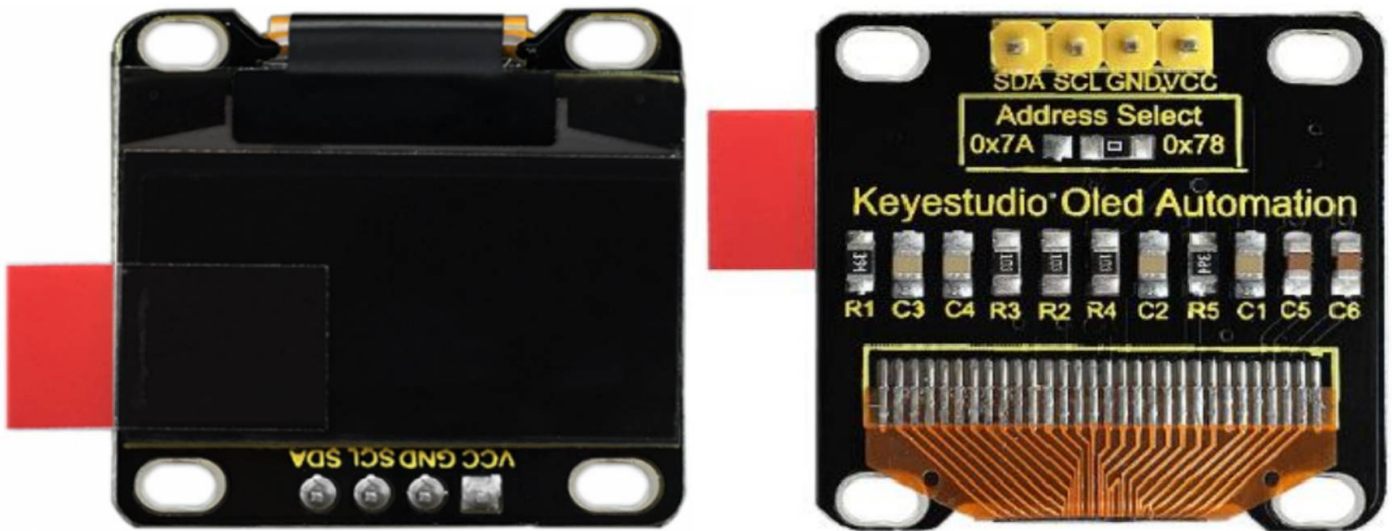
Ks0271 keyestudio OLED Display OLED Module

Introduction:

OLED is short for organic light emitting diode. On the microscopic level, an OLED display is a matrix of organic LEDs that light up when they emit energy.

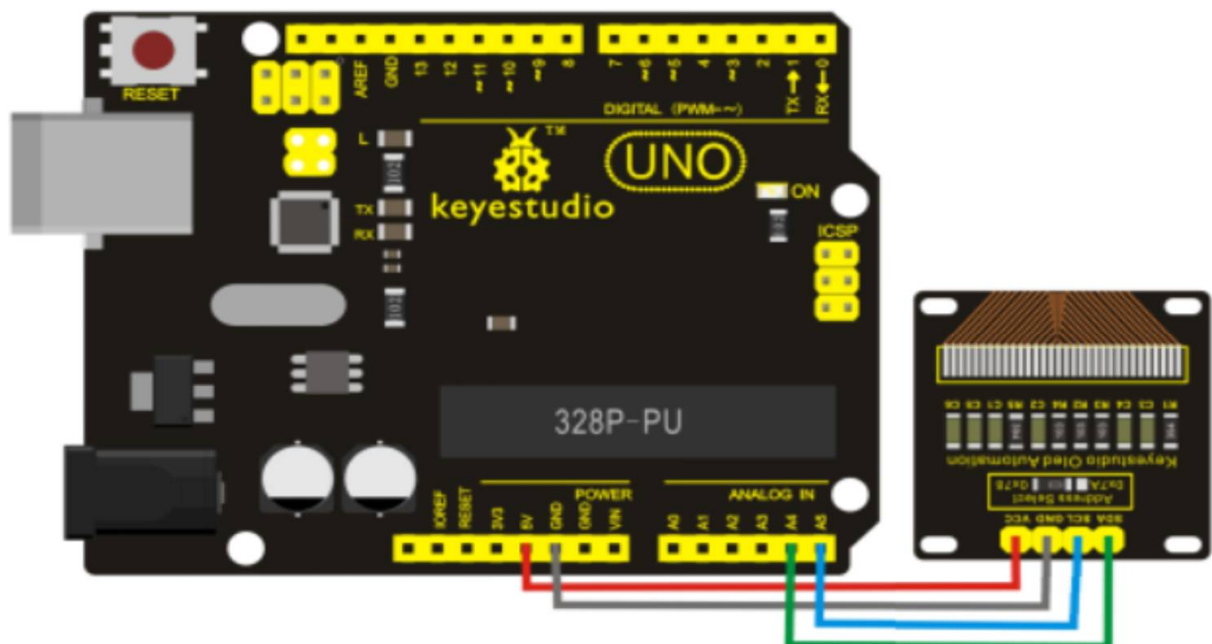
Old LCD (Liquid Crystal Display) technology uses electronically controlled polarizers to change the way light passes or does not pass through them. This requires an external backlight that lights up the whole display underneath. This uses a lot of energy because at the time the display is on, enough light for all pixels must be provided.

The new OLED technology only uses electricity per pixel. Because each pixel creates its own light, only the pixels that are on use electricity. This makes OLED technology very efficient; also, the way these types of OLEDs are built allows them to be very thin compared to LCD



Specification:

- Supply Voltage: 3.3V to 5V
- Number of Pixels: 128 × 64
- Color Depth: blue
- Communication : I2C



Resources and Code:

https://wiki.keyestudio.com/Ks0271_keyestudio_OLED_Display_OLED_Module