RGB 80x160 OLED ST7735S

I bought this display module a while back, but never got the chance to test it out. I have multiple platforms to test it with: (1) Pi Zero (2) 8051:stc12 (3) Maker Uno (4) ESP32 (5) Pi Pico. While I figure out what I am going with, I just want to put some basic info so I can refer to it later.

Interface Pins (info from the link above):

- GND (Power ground)
- VCC (Power +3.3 or 5V)
- SCL (SPI clock line)
- SDA (SPI data line)
- RES (LCD reset, LCD needs to be reset once after power-on)
- DC (SPI data/command selection pin)
- BLK (LCD backlight control, the default can be left floating, low level to turn off the backlight)

Although the pin labels suggests I2C interface, it is actually recommended to use SPI (as stated on the board itself). So, for 8051 I may try I2C - but since this is said to be a fast display (timing specs at ns range), I want to try it on Pi Zero/Pico. We shall see...

tech

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Last update: **2026/02/25 23:37**