

[illegible]

The diagram shows the MCP2515-IST module with the following connections:

- Power:** +5V to pin 20, GND to pin 10.
- SPI Interface:** MOSI (16), MISO (17), CSN (18), SCLK (14).
- CAN Interface:** CAN_RXD (2), CAN_TXD (1), CAN_INT (13).
- Oscillator:** 16MHz crystal (Y1) and 1M resistor (R6) connected to pins 8, 9, and 19.
- Resistor:** 4.7k resistor (R8) connected between pins 19 and 10.

The image shows two identical wiring diagrams for OLED modules, labeled J7 OLED1 and J8 OLED2. Each diagram illustrates the connection of the module's pins to a power source and ground. The modules have four pins: 1 (VCC), 2 (GND), 3 (SCL), and 4 (SDA). Pin 1 is connected to a +5V supply, pin 2 to GND, pin 3 to the SCL pin of an I2C interface, and pin 4 to the SDA pin of an I2C interface. The I2C interface is represented by two red boxes labeled SCL and SDA.

**Anschluss für Neopixel
/ WS2812 LED Strip**

The diagram illustrates the power and data connections for a NeoPixel LED strip. Two 5V power lines are shown, each connected to a capacitor (C16: 470µF, C17: 47µF) to ground. A NeoPixel module is connected to a 330Ω resistor, which is then connected to the data line of a 1x3 pin header J2 (Conn_01x03).

4

KiCad E.D.A.	kicad (5.0.0)
--------------	---------------

Id: 1/1