Conexionado Sensor I2C

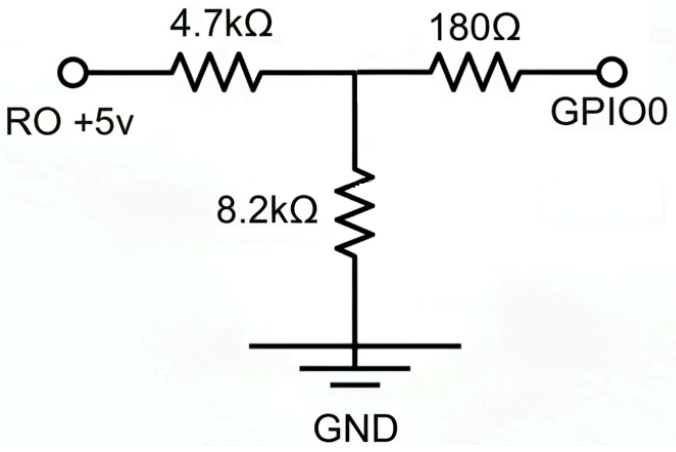
Dispositivos utilizados

1 ESP8266.
1 Módulo AHT10.
1 Modulo Max 485.
1 Led Rojo 3mm
1 Led Verde 3mm

Conexiones ESP8266 - Módulo AHT10.

ESP8266 PIN	Tipo	AHT10	Comentarios
GPIO 04	I2C	SDA	Data i2c
GPIO 05	I2C	SCL	Clock i2c
		Vin	+3.3v del módulo ESP8266
		GND	GND general de la placa

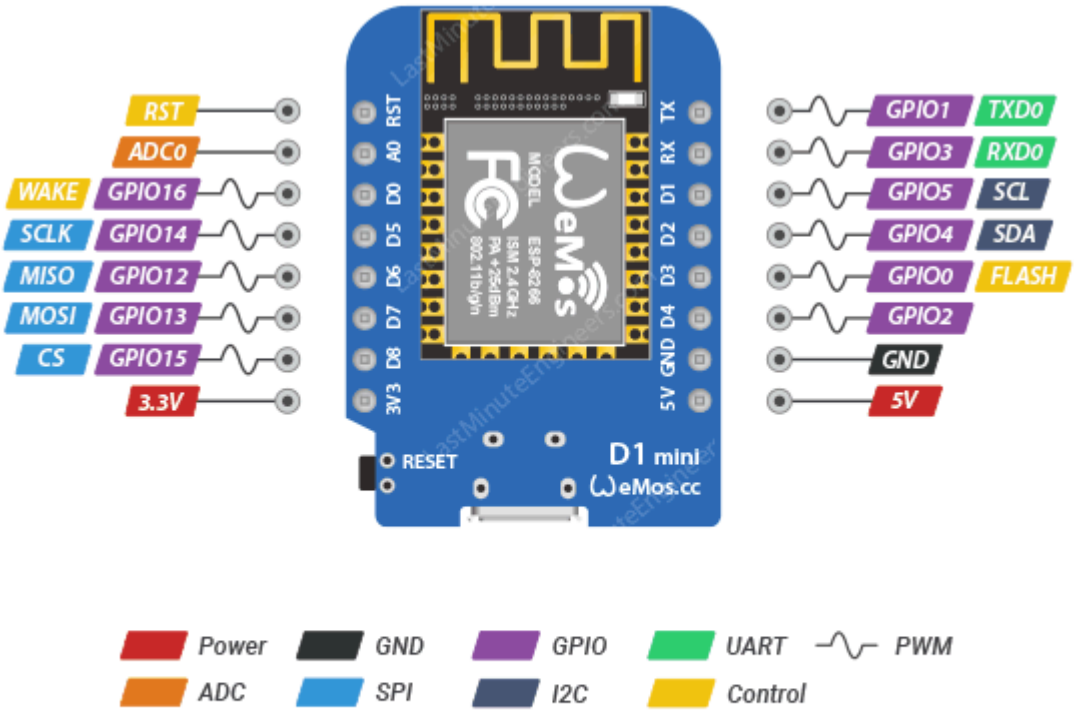
Conexiones ESP32 C3 Mini - Módulo MAX485

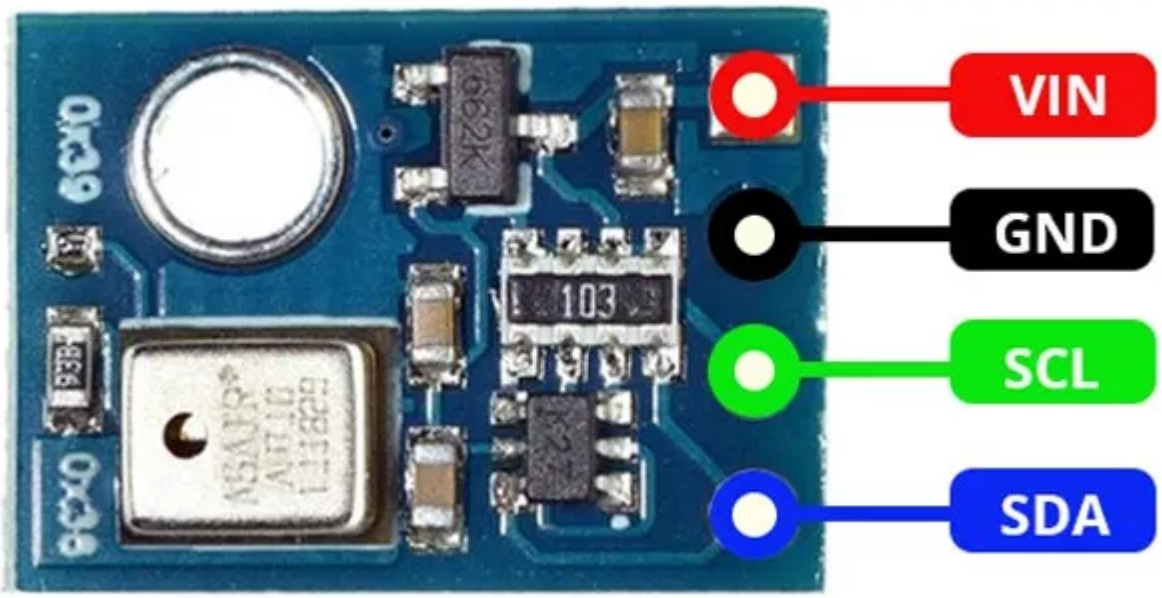
ESP8266 PIN	Tipo	Módulo MAX485	Comentarios
GPIO 12	In	RO	Receiver Output con divisor resistivo. 
GPIO 16	Out	DE + RE	Resistencia 10K a GND Pull Down.
GPIO 13	Out	DI	Driver Input

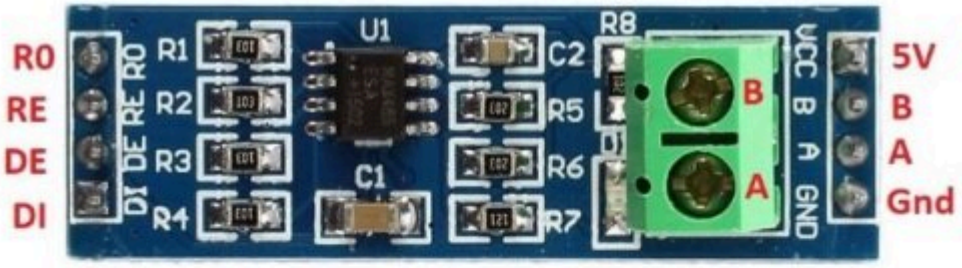
		VCC	Conexion a 5v Step UP.
		GND	GND general de la placa.

Conexiones ESP32 C3 Mini - Leds Gabinete

ESP8266 PIN	Tipo	LED	Comentarios
GPIO 14	Out	Verde	Resistencia 560 ohms a 3.3v
GPIO 15	Out	Rojo	Resistencia 560 ohms a 3.3v







Pin name	Pin description
VCC	Positive power supply (3.3 to 5V)
GND	GND (Ground)
A	A (Driver Output)
B	B (Driver Output)
RO	Receiver Output
DE	Driver Enable Input
RE	Receiver Enable Input
DI	Driver Input