

lamaPLC: Code!

MicroPython example codes for the RP2040_ETH_Module

Modbus TCP example	The RP2040 module has Ethernet integrated, which can be accessed via UART1. This code creates Modbus Holding registers on the module with contents from 1 to 10.
Modbus TCP sniffer	The program receives and analyses incoming TCP Modbus telegrams, but does not respond.
I2C scanner	The program scans the addresses of devices connected via I ² C.
MLX90614 simple	Read MLX90614 (GY-906) infrared non-contact Thermometer to serial.
Read BME 680/688 sensor data	Reads data from the BME680 sensor
Read BME 680/688 sensor data and store in Modbus input registers	Reads data from the BME680 sensor and displays it in the Modbus input registers.

C example codes for the Arduino Module (Arduino IDE)

Read BME680 Sensor	Read BME680 Temperature/Humidity/Barometric Pressure/Gas (VOC) Module
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