



ESP32-C6 and TTL Converter High Voltage (HV) both powered by 5V from CT105

TTL Converter Low Voltage (LV) powered by 3.3v from ESP32-C6

ESP32-C6 TX pin to Low Voltage 2 on Converter. ESP32-C6 RX pin to Low Voltage 1 on Converter.

Converter High Voltage 1 connects to CT105 TX (i.e. crossed tx/rx)

Converter High Voltage 2 connects to CT105 RX (i.e. crossed tx/rx)

ESP32-C6 & Voltage Converter Grounds both to CT105 GND pin.

Momentary push button connected between GND pin on ESP32-C6 and IO18

Warning - this CT105 wiring is based on what I measured from MY devices. You must check carefully your own devices to ensure you are wiring correctly for them. Making a mistake in this wiring can damage the equipment and/or void the warranties. This diagram is an example only.