



**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 o 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.**