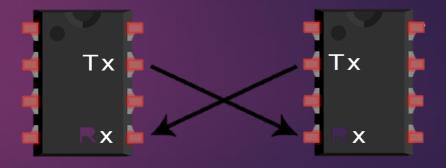
UART

UNIVERSAL ASYNCHRONOUS RECEIVER-TRANSMITTER

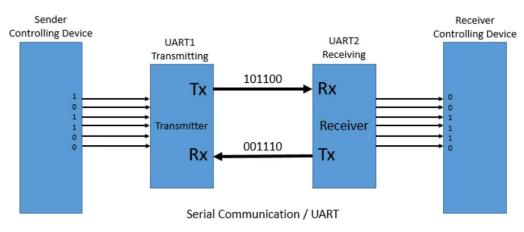


About UART

- Universal asynchronous receiver-transmitter
- Purpose :
 - Communicate
 - Debugging
 - Controlling
- Uart pins: TX, RX, GND

www.cselectricalandelectronics.com

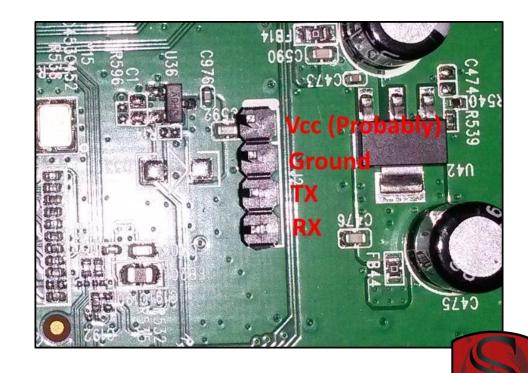






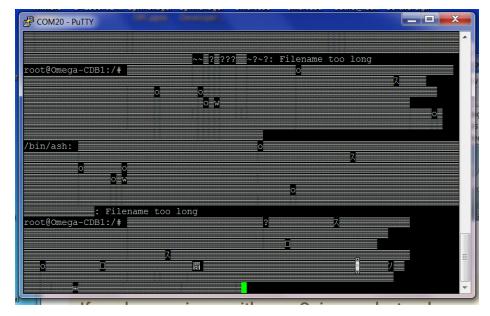
identify

- > GND : always connected to hardware GND
- > TX: have higher voltage than TX
- > RX : lower voltage
- > V : voltage between it and GND is :
 - 3.3 or 5v according to the device



Access UART

- > baud rate: both devices must have the same rate
- Common tools :
 - minicom, screen, putty, Arduino ide





debugging

- check available commands
- Decide what to do
- Can i gain root shell?

