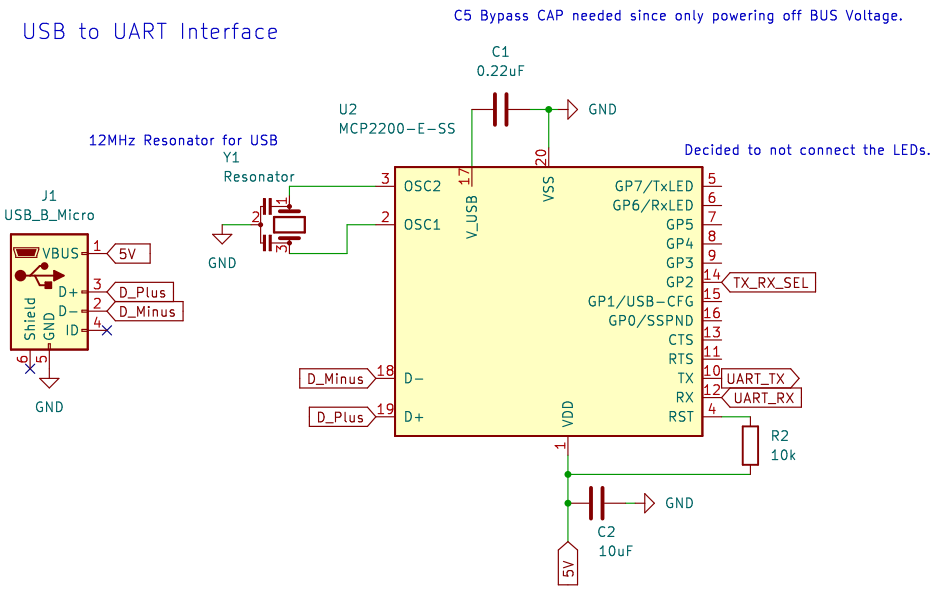
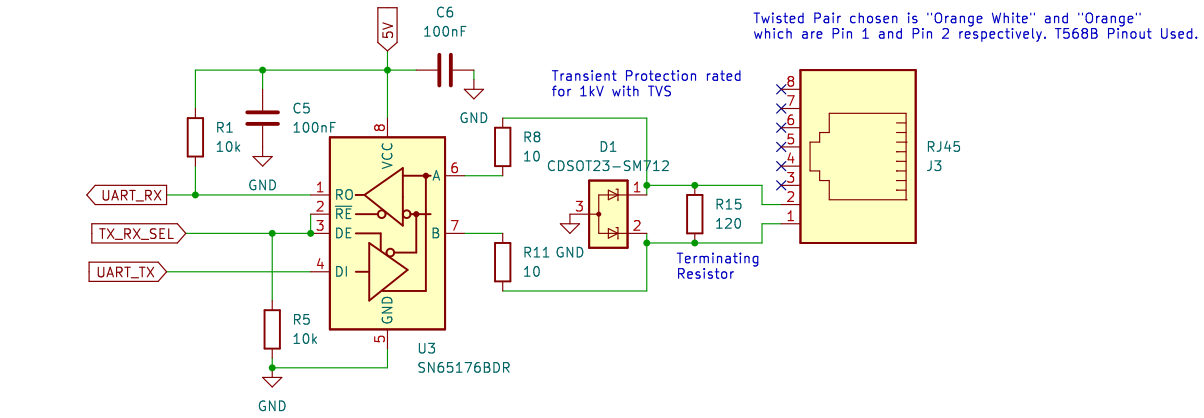
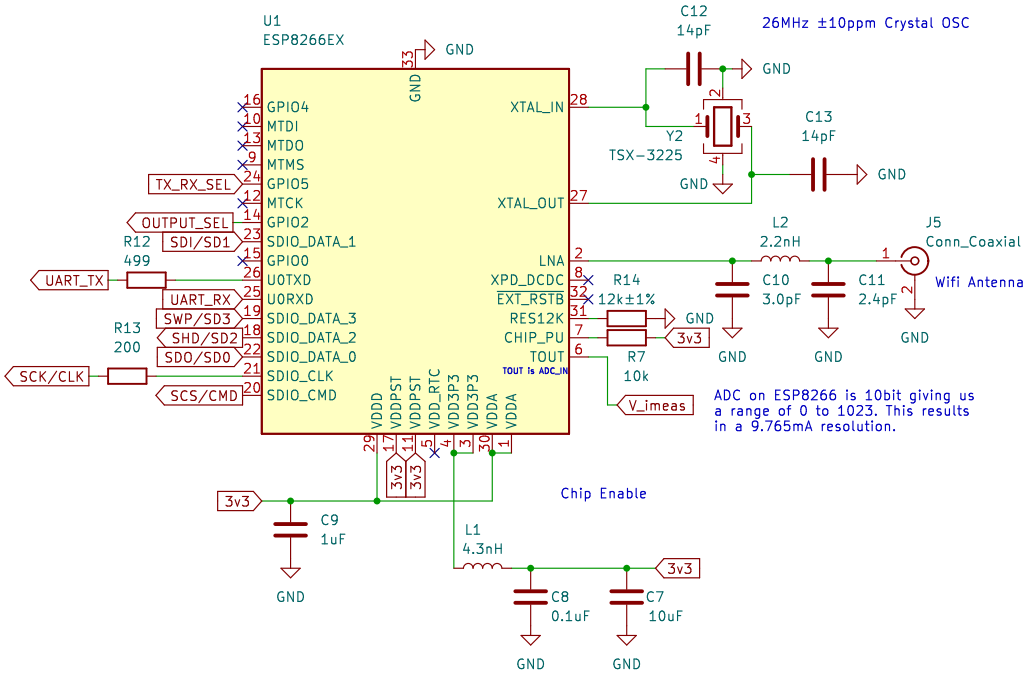
USB to UART Interface

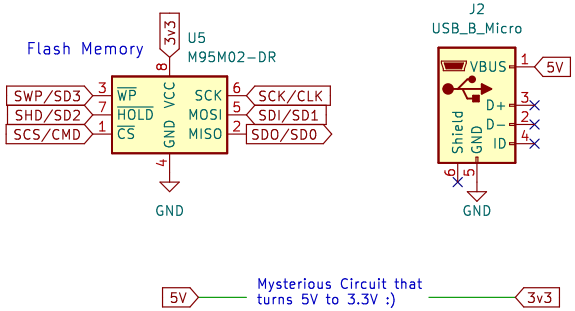


UART to RS485 Interface

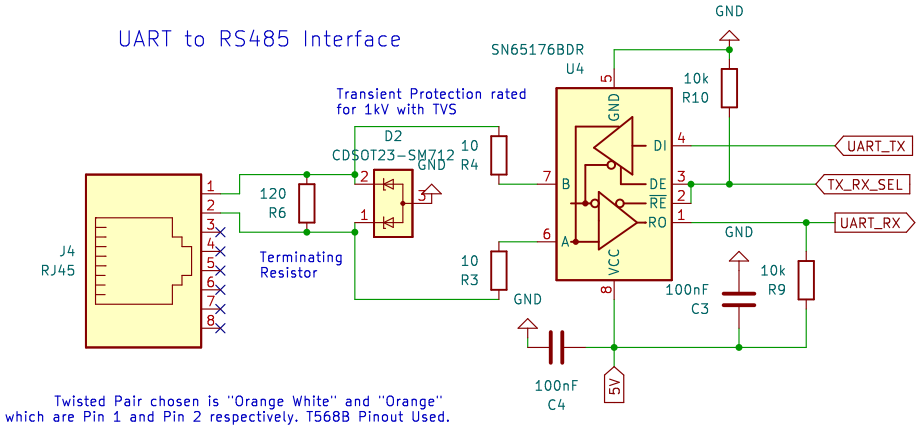


ESP8266 Microcontroller

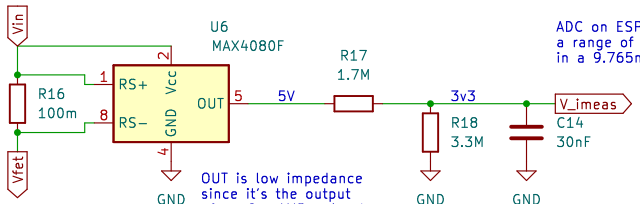


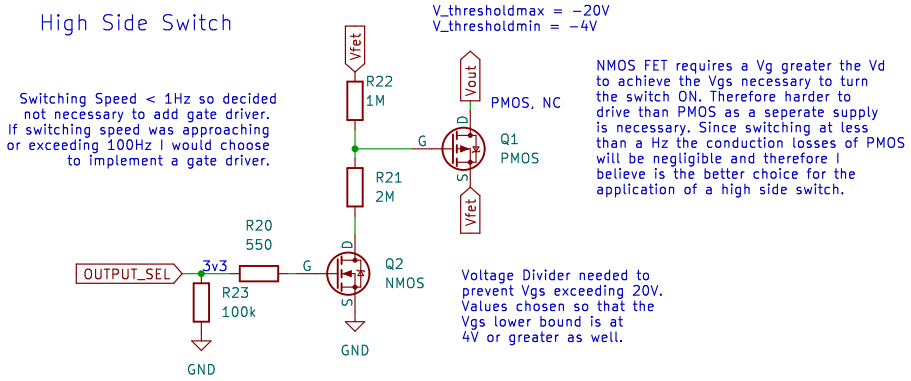


UART to RS485 Interface



Current Measurement



ADC on ESP8266 is 10bit giving us a range of 0 to 1023. This results in a 9.765mA resolution.

High Side Switch