



Input 3.3V

Output 5V

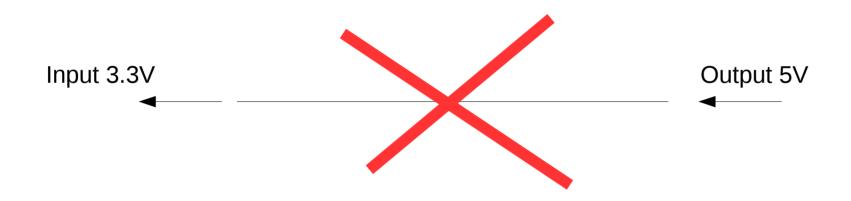






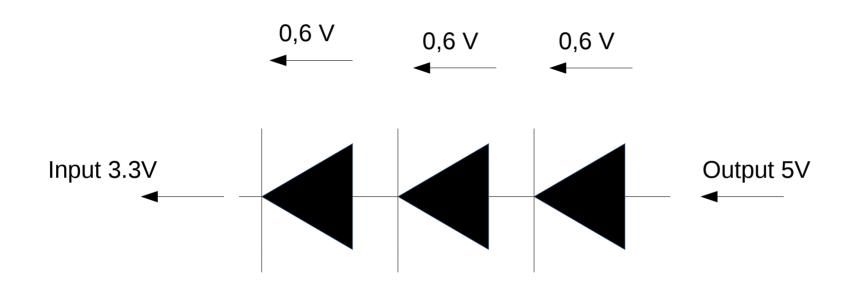


# ESP32 Level Shifting



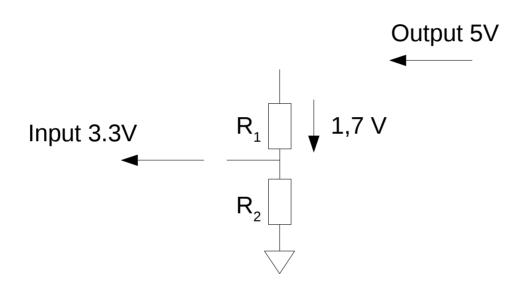






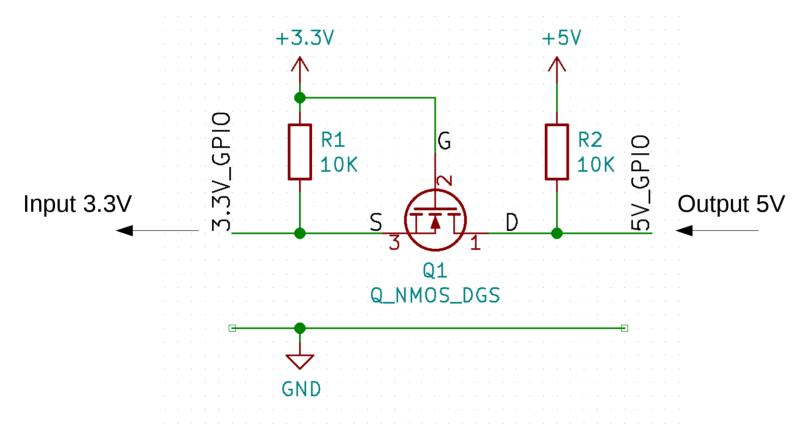








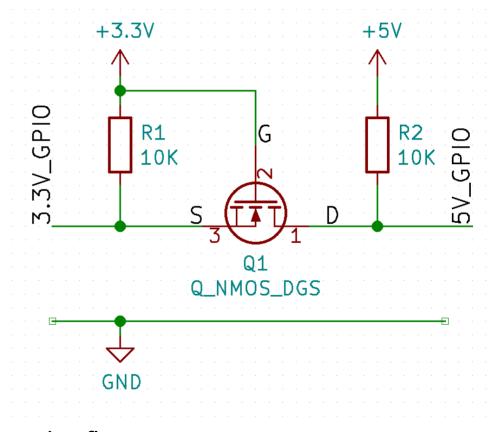






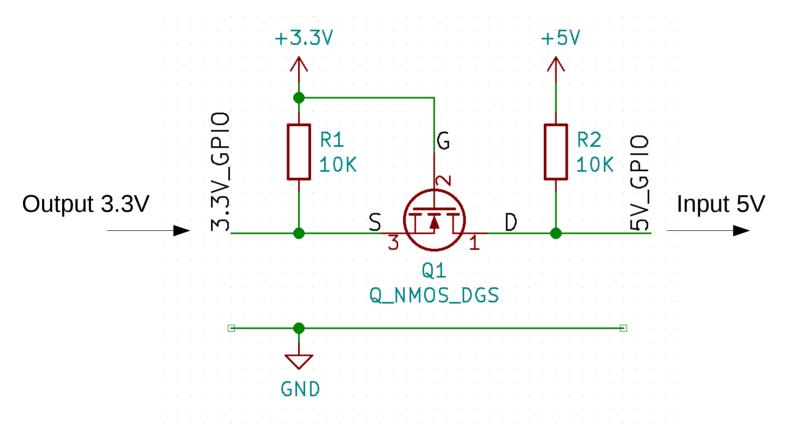
### 3.3V to 5V Level Shifter:

- N-Chanel Mosfet
- Gate at 3,3 V
- Source to 3.3V GPIO
- Drain to 5V GPIO
- 10K Pullup
- Common GND



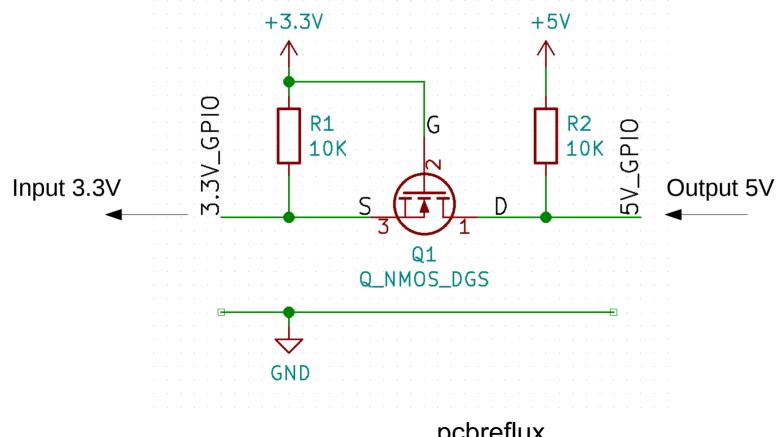






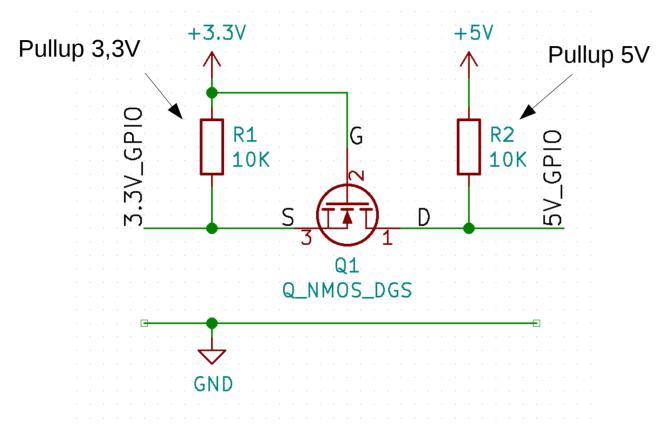


### nRF51822 SPI MAX7219/MAX7221



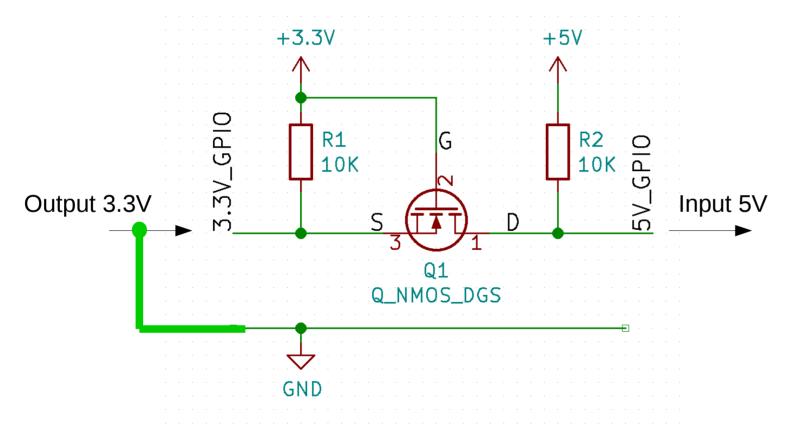






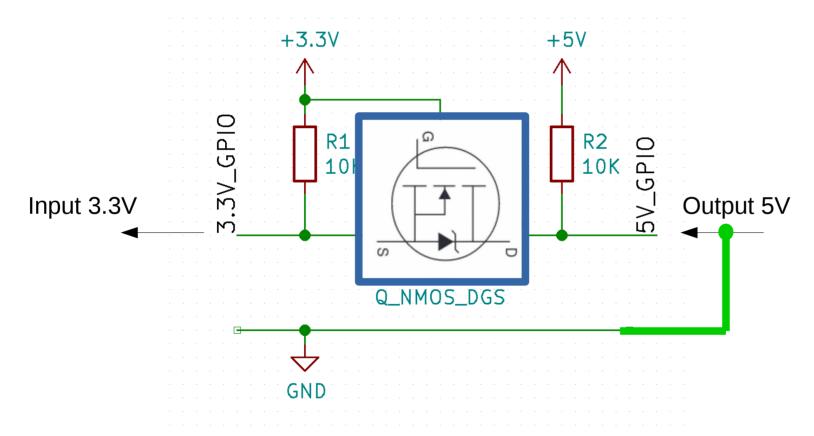
















& Write Comments