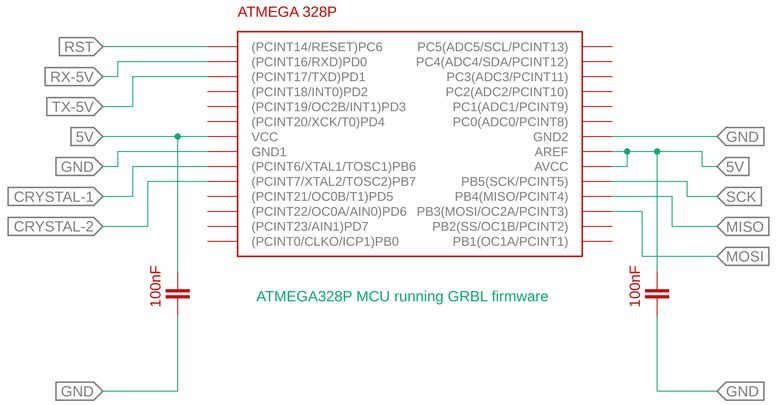
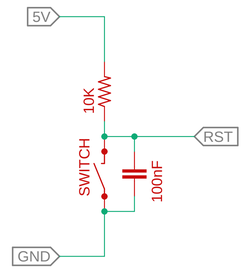
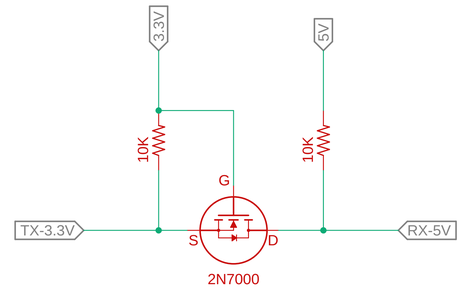


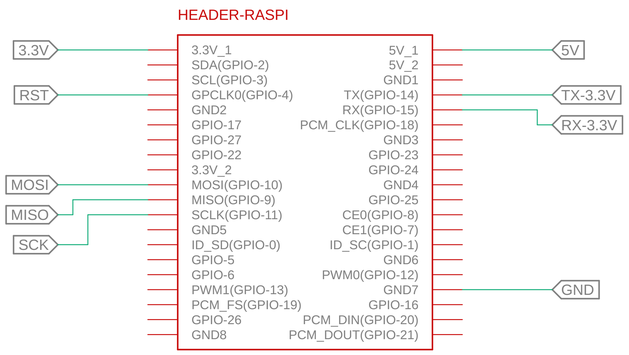
ATMEGA328P MCU running GRBL firmware



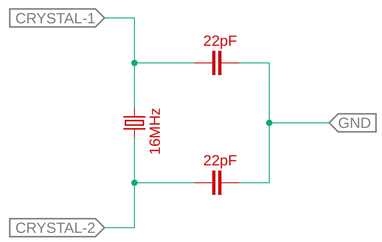
Reset switch for MCU



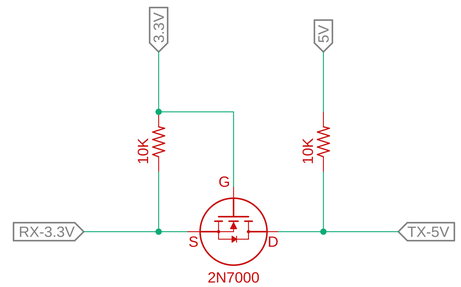
Logic-level converter (3.3V to 5V) for TX to RX lines from Rasp Pi to MCU



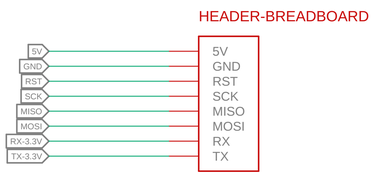
GPIO header on Raspberry Pi 3B +



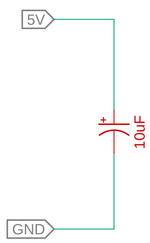
16MHz crystal oscillator for MCU



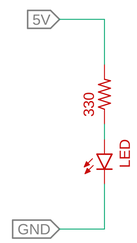
Logic-level converter (3.3V to 5V) for RX to TX lines from Rasp Pi to MCU



Pin header on breadboard (to connect to Rasp Pi GPIO pins)



5V supply filter



Power status LED

Creator: Leonardo FUSSER (1946995)
Purpose: complete schematic for prototyping ATMEGA 328P onto a breadboard with the intention of flashing and testing GRBL firmware.

TITLE: GRBL PCB test circuit	
Document Number:	REV:
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