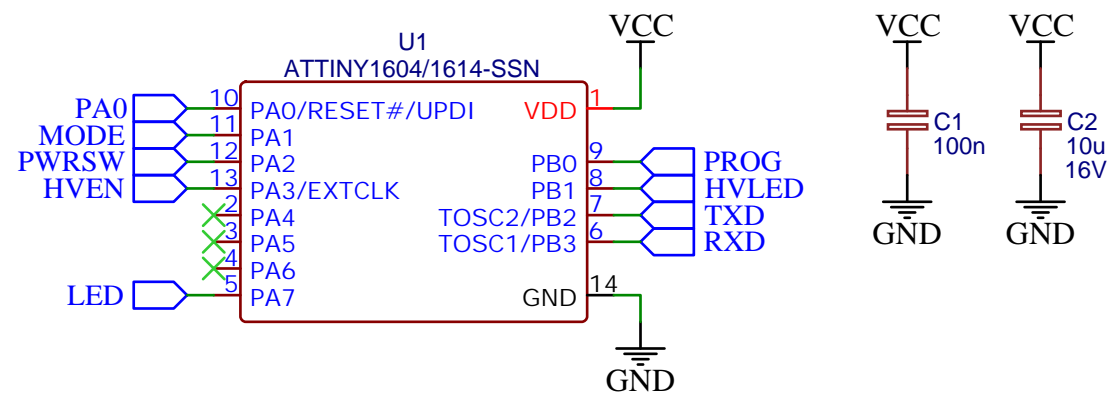
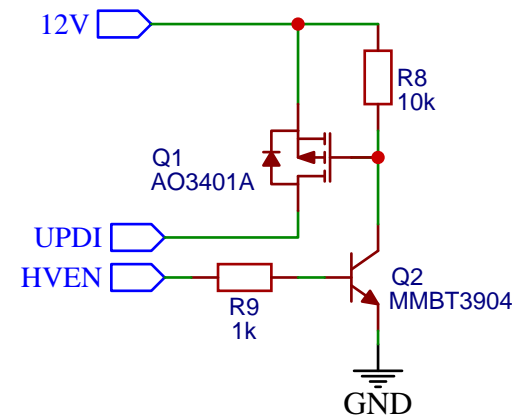


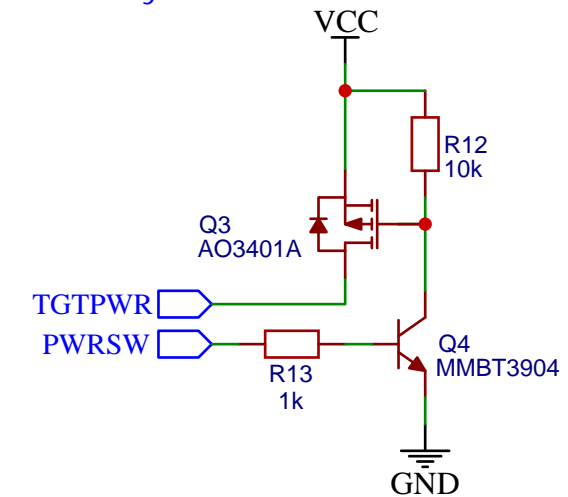
Microcontroller



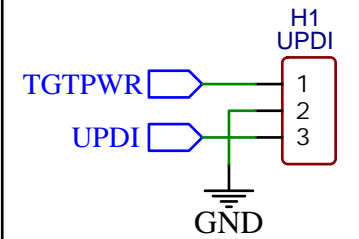
HV Switch



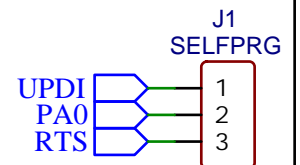
Power Cycle Switch



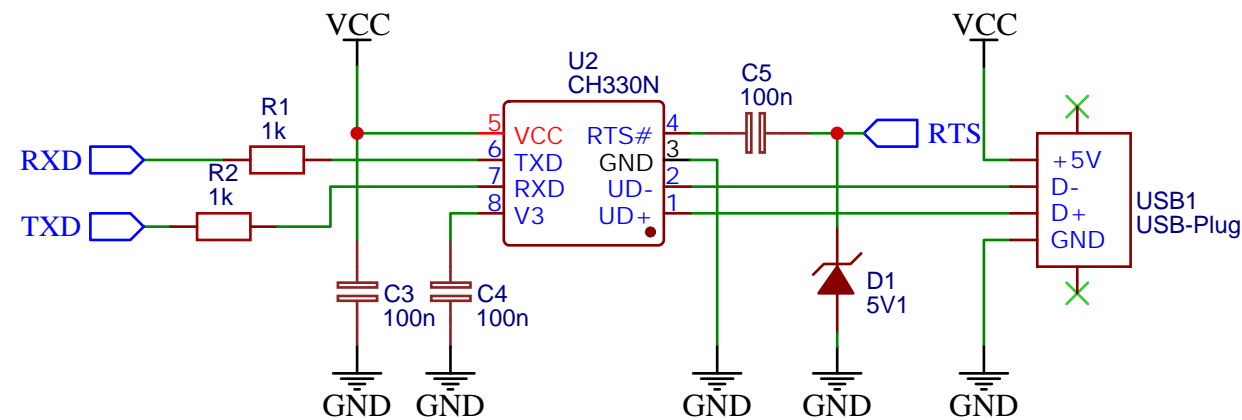
UPDI Header



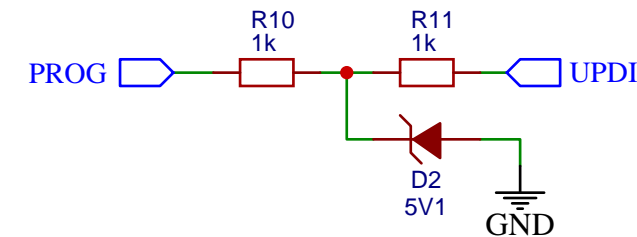
Jumper



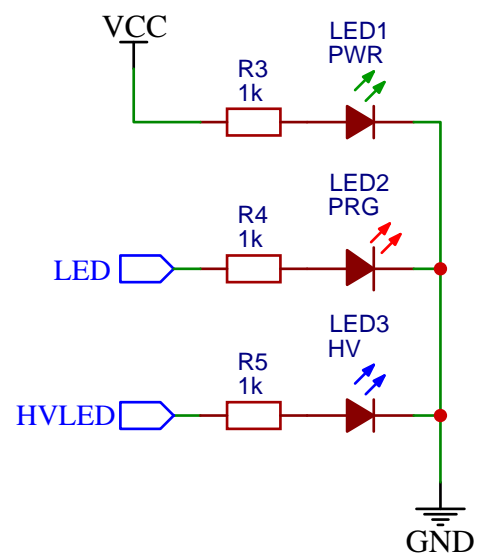
USB to Serial Converter



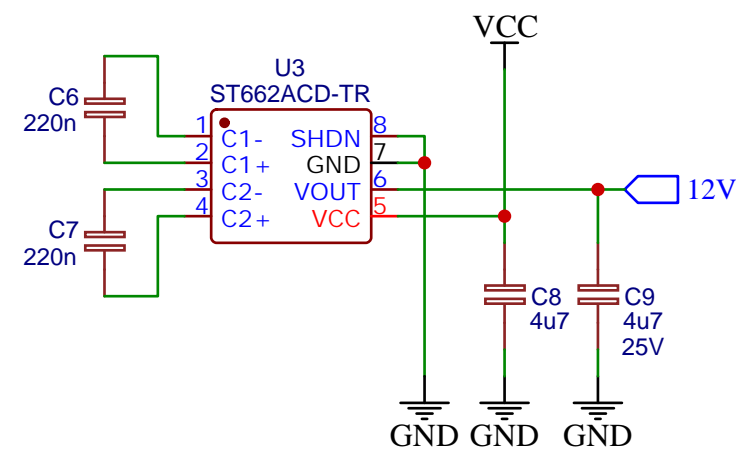
LV Prog



Indicator LEDs

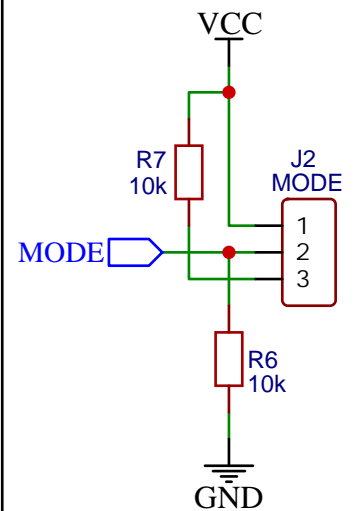


12V Charge Pump



MODE Jumper:
 Open - UPDI
 Pin 1-2 - PCHV
 Pin 2-3 - HV

SELFPRG Jumper:
 Open - Normal Operation
 Pin 1-2 - Firmware Update via UPDI
 Pin 2-3 - Firmware Update via USB
 (Bootloader and PA0 as RESET Pin required)



Based on the design by DIlloydev.

TITLE: ATtiny16x4 Mini UPDI HV Programmer		REV: 1.0
EasyEDA	Company: wagiminator	Sheet: 1/1
	Date: 2020-08-29	Drawn By: Stefan Wagner