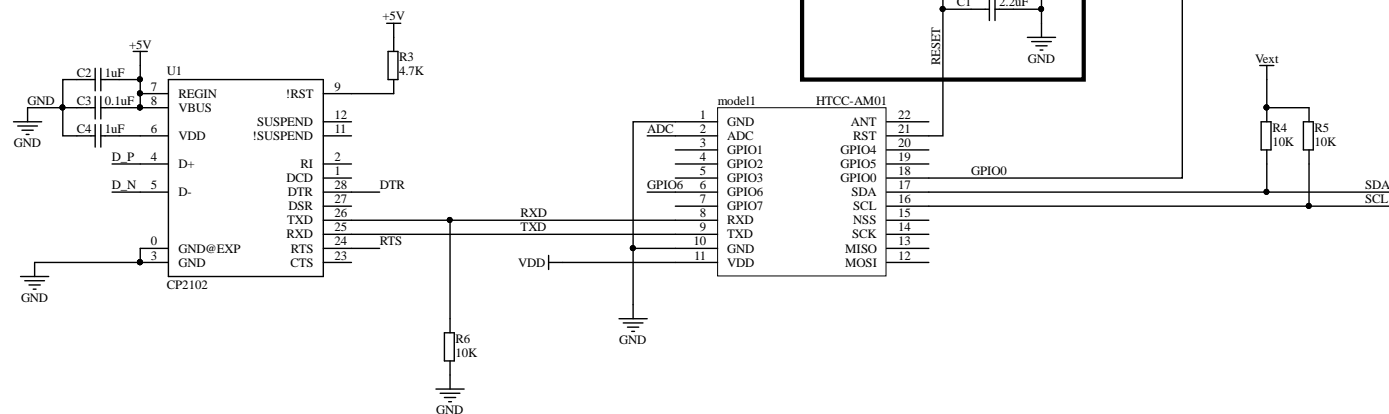


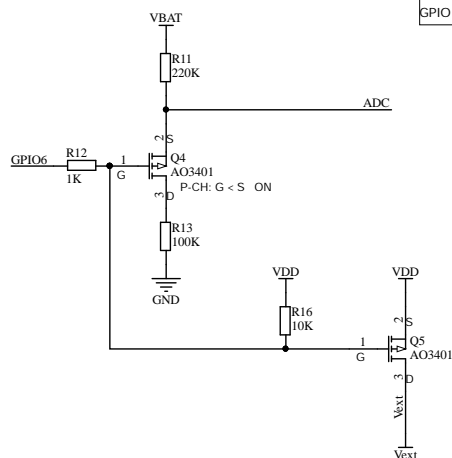
## MCU & Auto Boot System

Auto Boot	
DTR = 1; RTS = 0	System Hanging
RTS = 0 → 1	Run from user code in FLASH
DTR = 0 → RTS = 0 → RTS = 1 → DTR = 1	Access Boot Loader mode

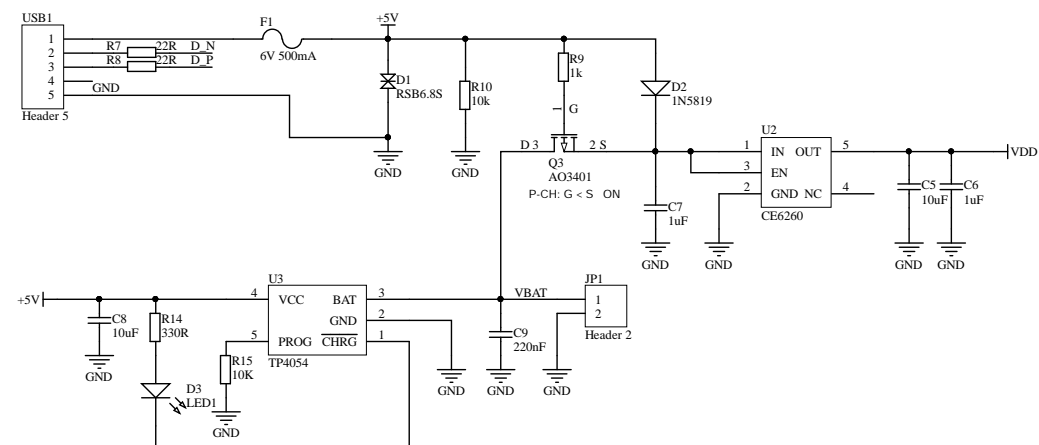


## ADC Read & Vext Control

GPIO 6 = LOW:	$V(ADC) = R8 \cdot V(x) / (R6 + R8)$	Vext -- ON
GPIO 6 = HIGH:	$V(ADC) = V(x)$	Vext -- OFF



## USB & Battery Management System



HTCC-AM01 Recommend hardware design

<https://heltec.org>

With Arduino-Compatible