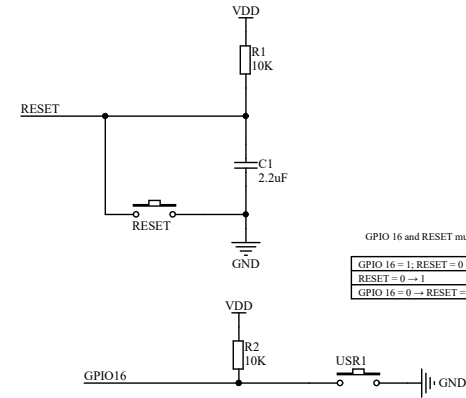


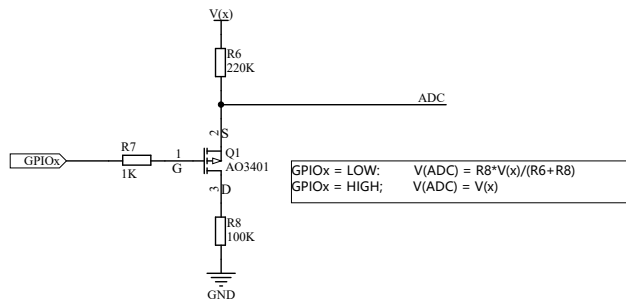
For low power consumption, we recommend I2C bus pullup to a controllable power source.



GPIO 16 and RESET must have a pull up resistance

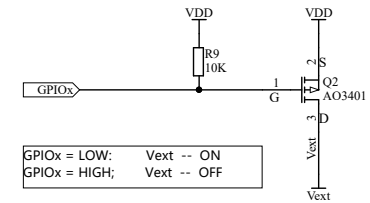
GPIO 16 = 1; RESET = 0	System Hanging
RESET = 0 → 1	Run from user code in FLASH
GPIO 16 = 0 → RESET = 0 → RESET = 1 → GPIO 16 = 1	Access Boot Loader mode

Recommend ADC read circute:



GPIOx = LOW:  $V(ADC) = R8 \cdot V(x) / (R6 + R8)$   
GPIOx = HIGH:  $V(ADC) = V(x)$

Recommend Vext control circute:



GPIOx = LOW: Vext -- ON  
GPIOx = HIGH: Vext -- OFF

HTCC-AM02 Recommend hardware design

<https://heltec.org>

For AT command usage (No Arduino support)