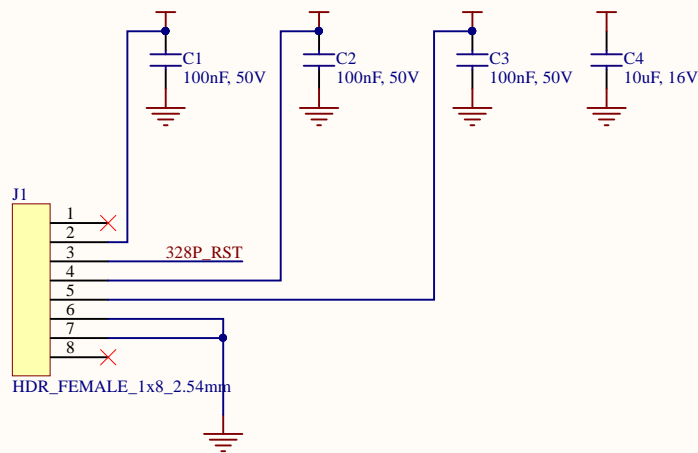
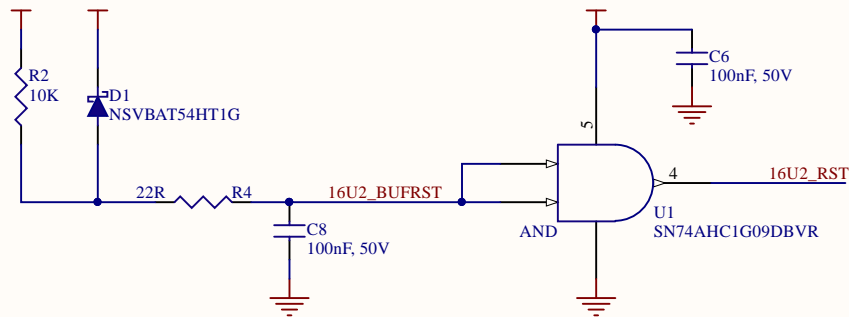


28PINS SCHEMATIC

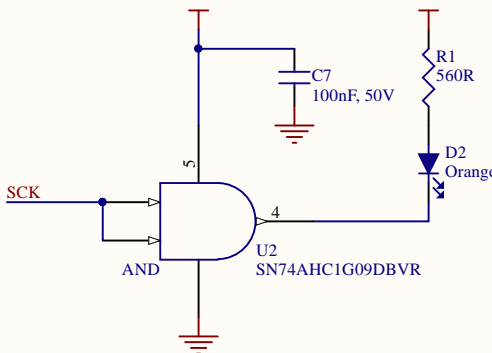
POWER



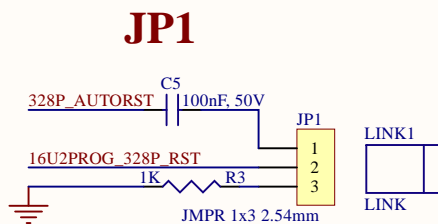
16U2 RESET



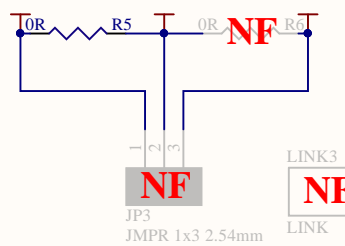
USER LED



JP1 CONFIGURATIONS:
Jumper on pins 1 & 2 - Enables the ATMEGA16U2 to auto-reset the ATMEGA328P when uploading code from the Arduino IDE.
Jumper on pins 2 & 3 - Enables DFU mode on the ATMEGA16U2 for firmware updates via USB. During RESET, the HWB pin is sampled on the rising edge of RESET and, if pulled low, will put the chip in DFU mode.

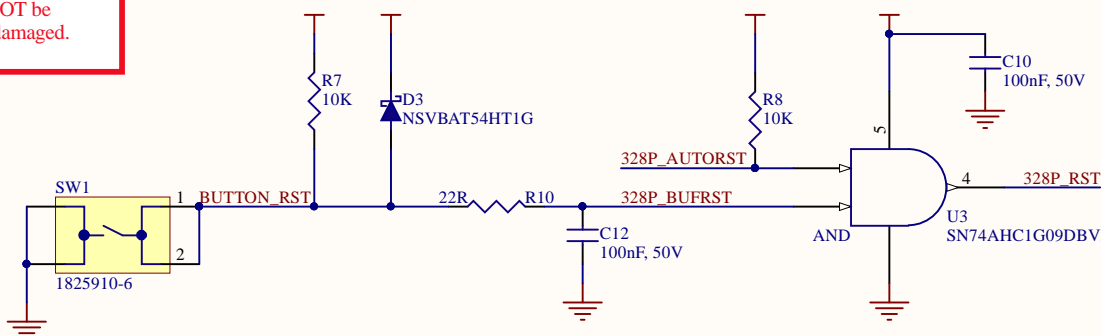


POWER SELECT

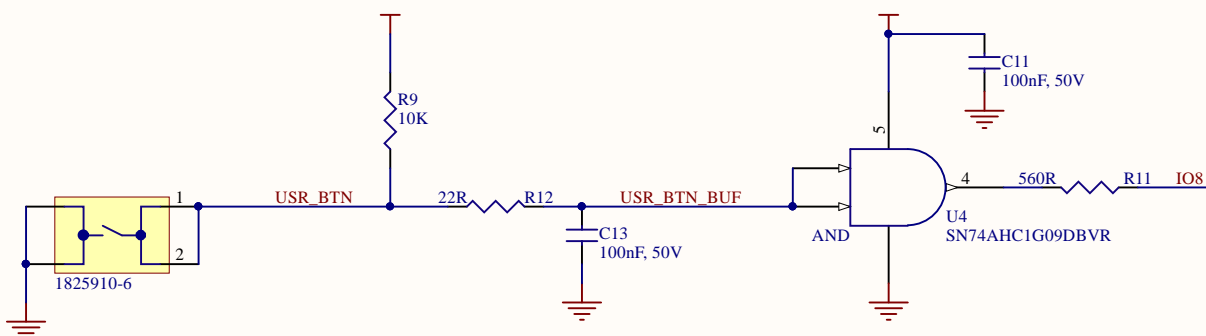


DESIGN NOTE:
This board can be powered from micro USB connector (J7) or a single +3.3V power rail (through J1 pin 4). If +3.3V is used, fit R6 and R18. In this case, JP3 & R5 must NOT be fitted, otherwise the board may be damaged.

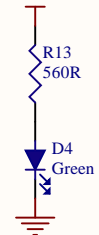
328P RESET



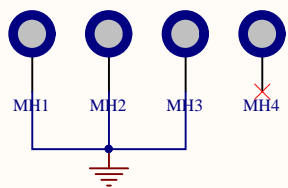
USER BUTTON



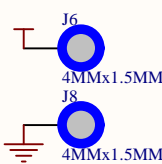
POWER LED



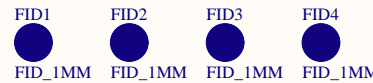
MOUNTING HOLES



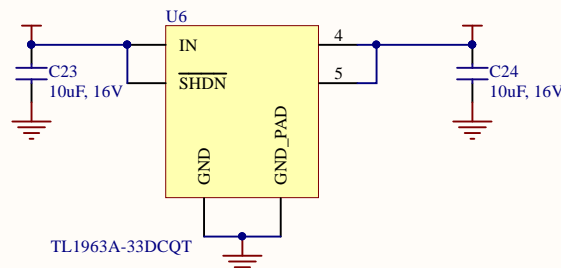
POWER PADS



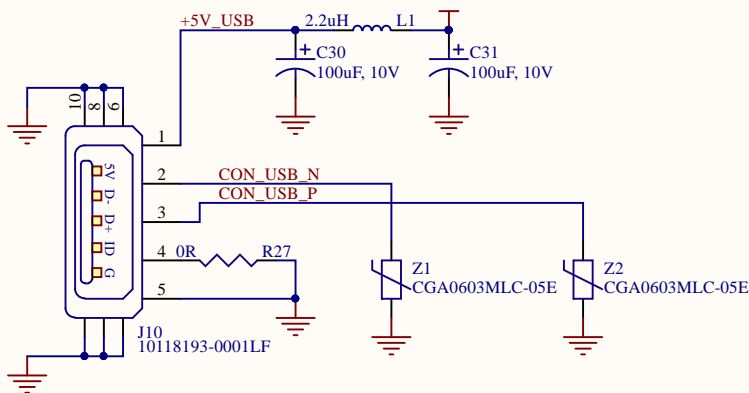
FIDUCIALS



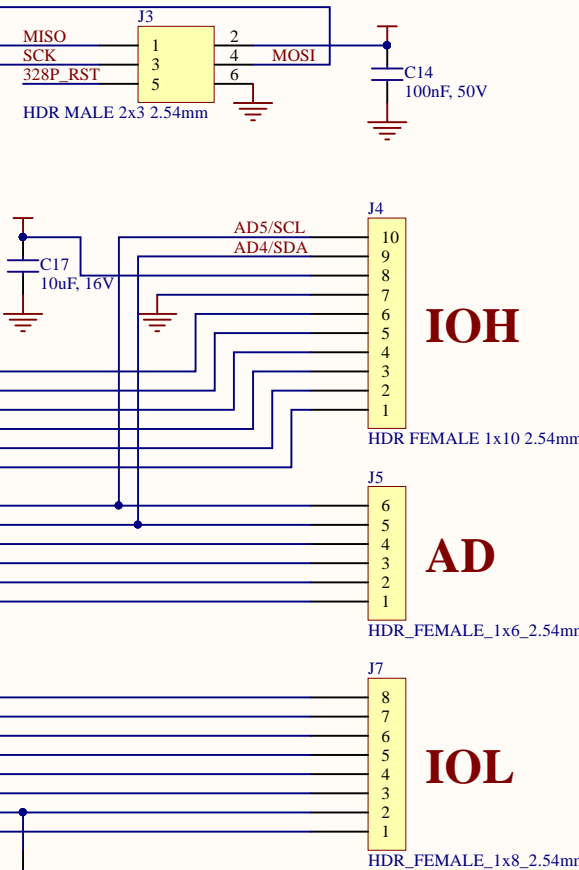
3V3 LDO



MICRO USB



ICSP 328P

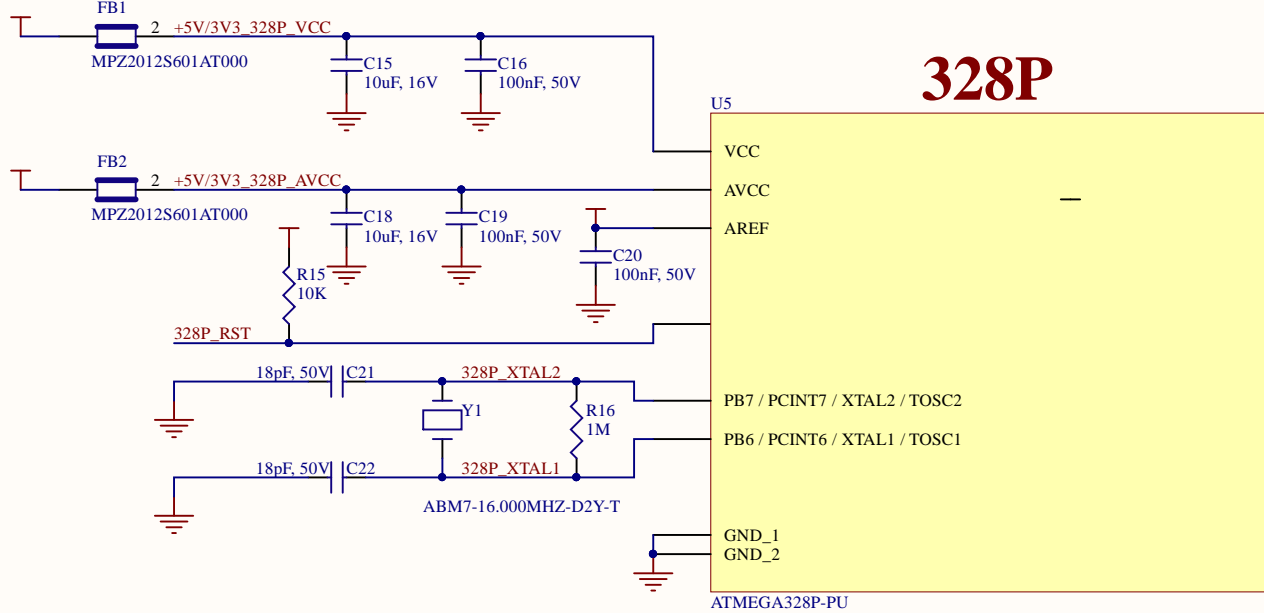


IOH

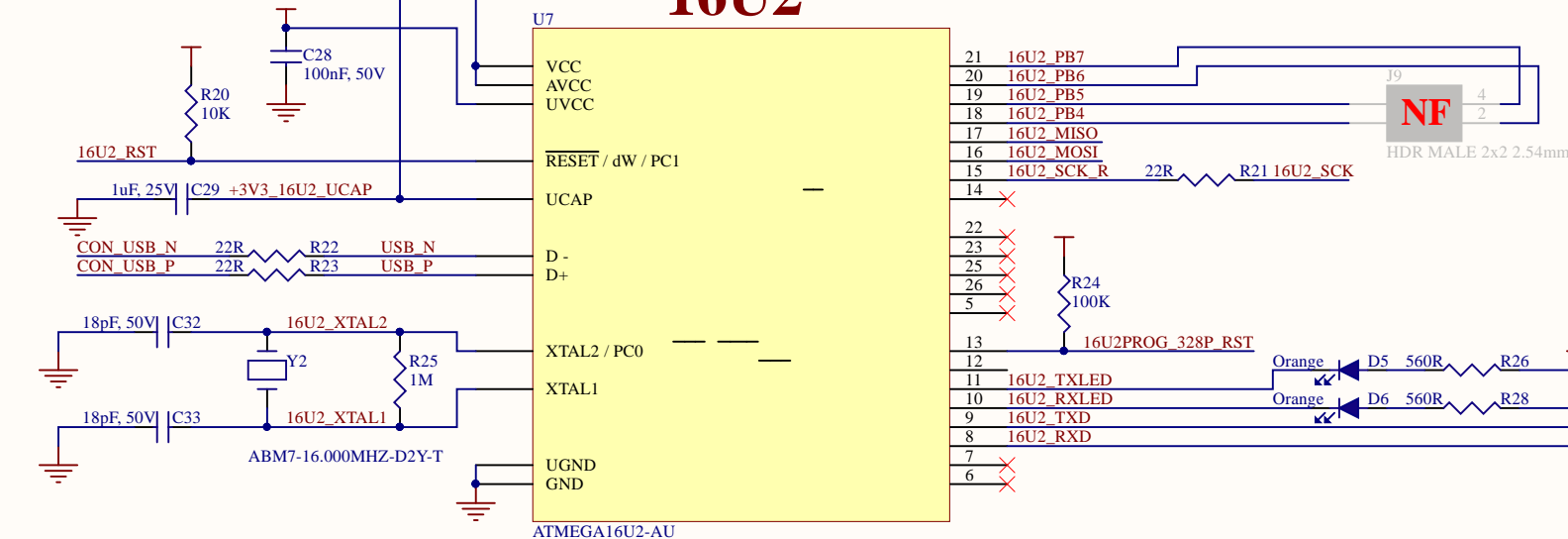
AD

IOL

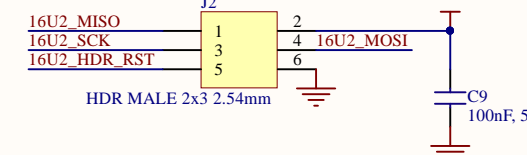
328P



16U2



ICSP 16U2



Title		
28Pins		
Size	Number	Revision
A2		V01
Date:	4/25/2020	Sheet 1 of 1
File:	C:\Users\...28Pins Schematic.SchDoc	Drawn By: James Morar