

Arduino

Variant: Fixed 5V

31-05-2024
V1|1

Released 31-05-2024

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DESIGN CONSIDERATIONS

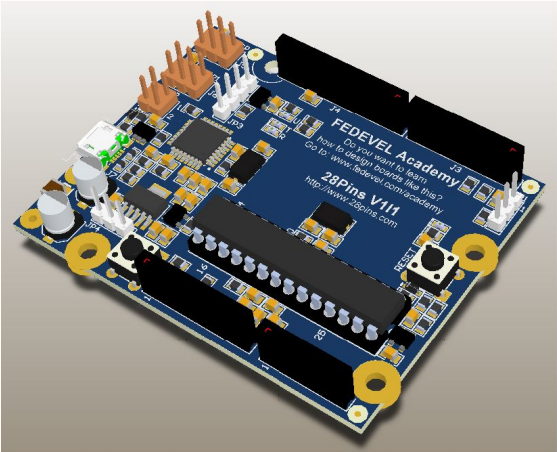
DESIGN NOTE:
Example text for informational
design notes.

DESIGN NOTE:
Example text for cautionary
design notes.

DESIGN NOTE:
Example text for debug notes.

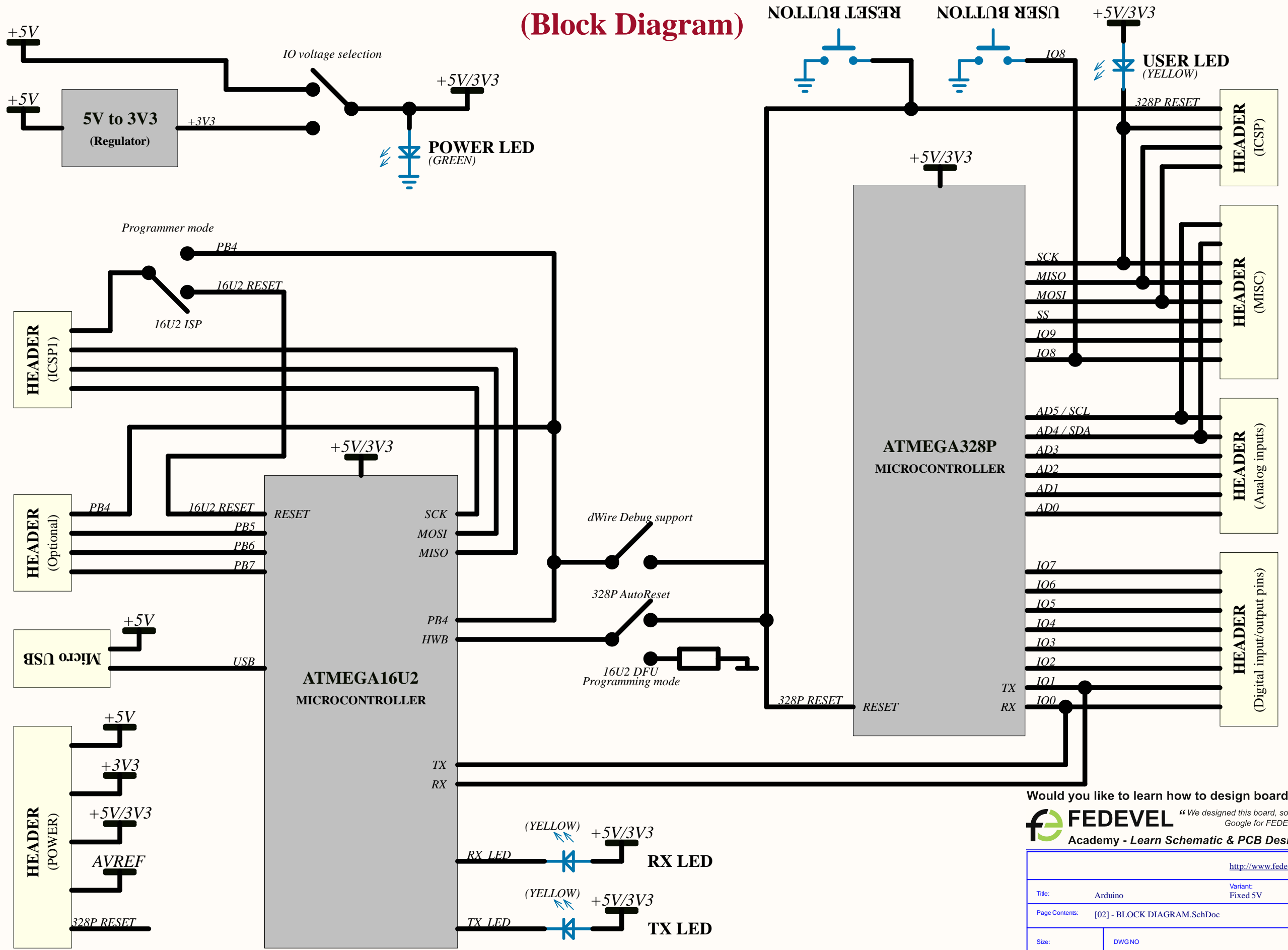
DESIGN NOTE:
Example text for critical
design notes.

LAYOUT NOTE:
Example text for critical
layout guidelines.



Company		SSGMCE	
Title:	Arduino	Variant:	UNO R3
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Date:	31-05-2024	Designed By Shreyash Golam	Sheet 1 of 5

Arduino (Block Diagram)

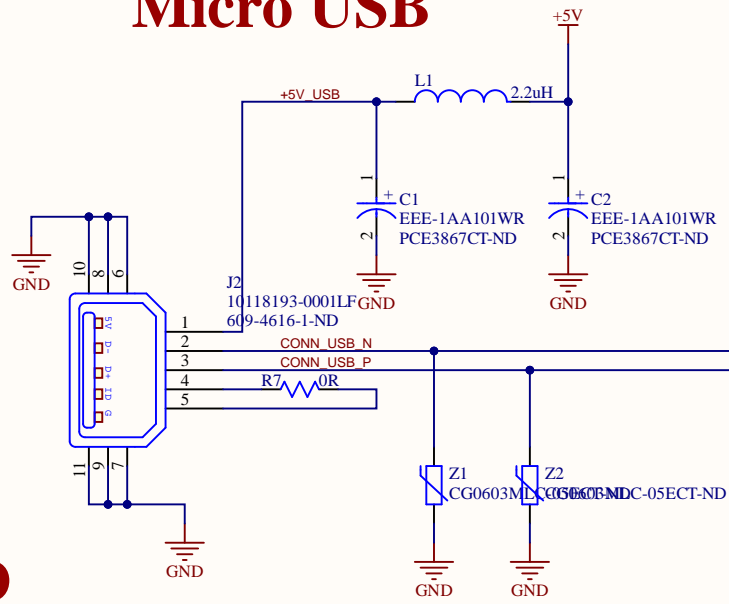


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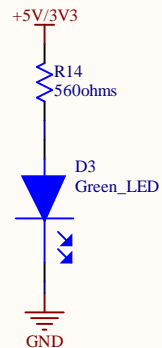
Title: Arduino		Variant: Fixed 5V	
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28PIN ARDUINO SCHEMATICS

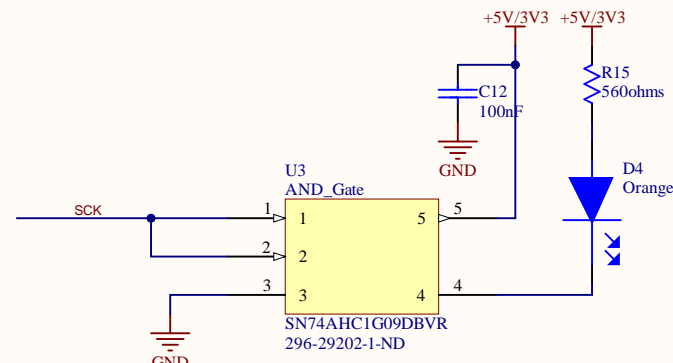
Micro USB



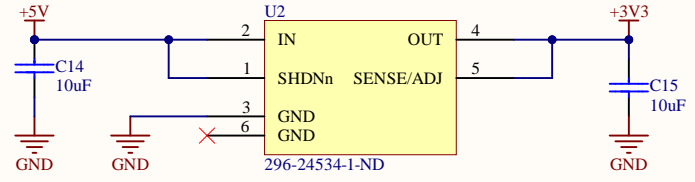
POWER LED



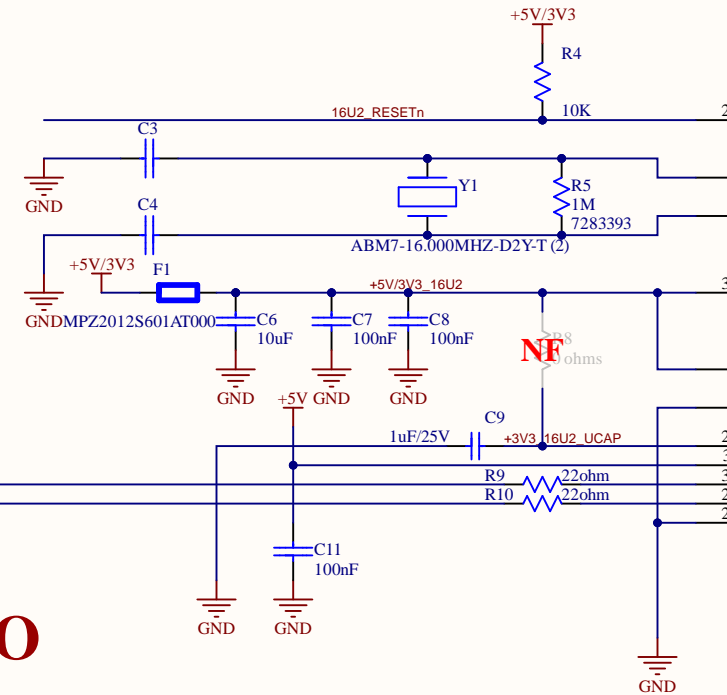
USER LED



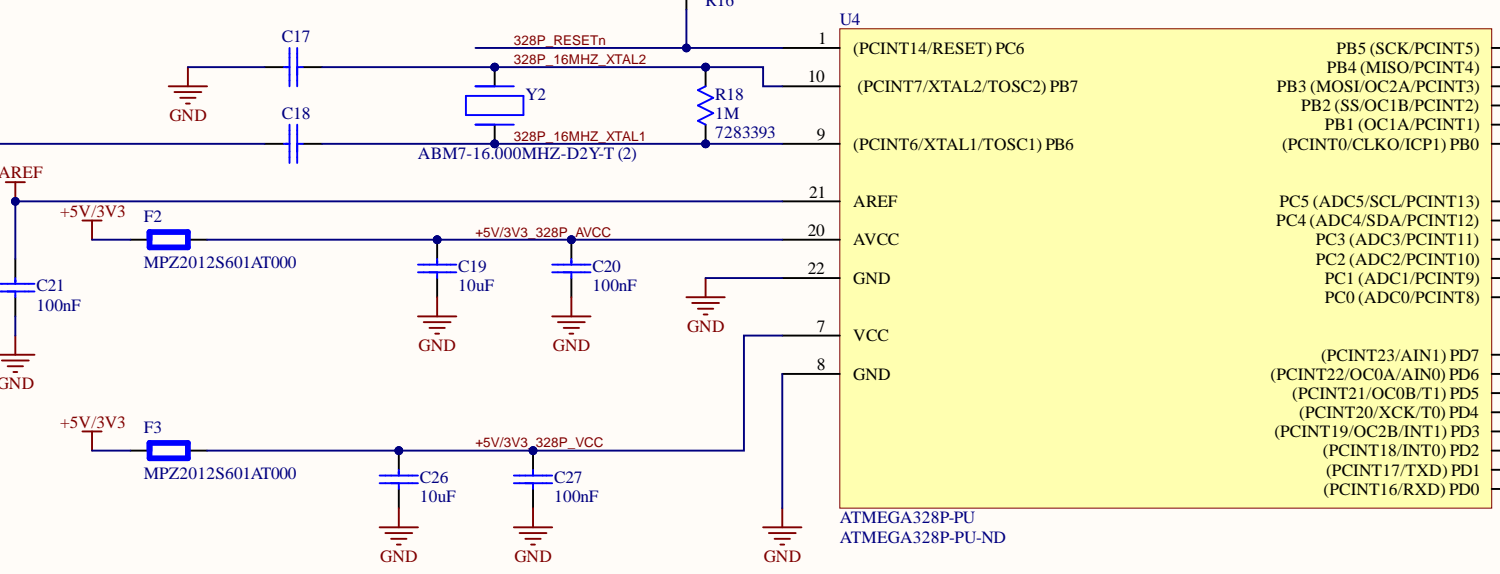
3V3 LDO



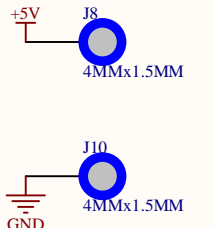
16U2



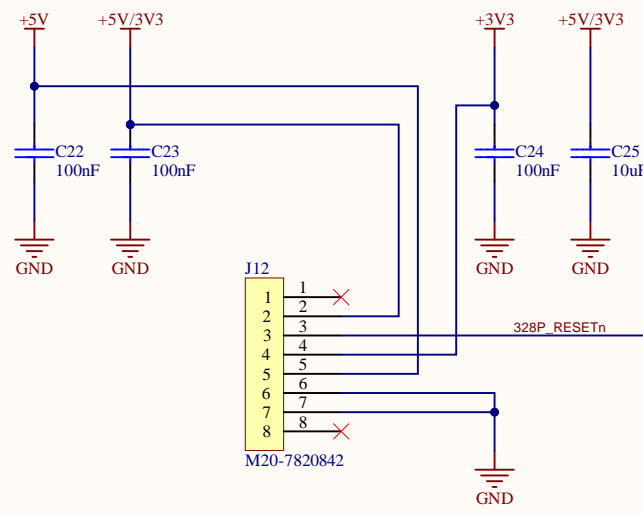
328P



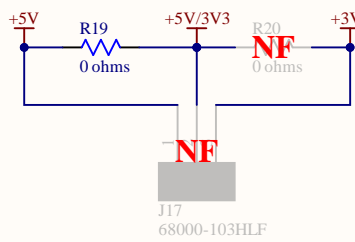
POWER PADS



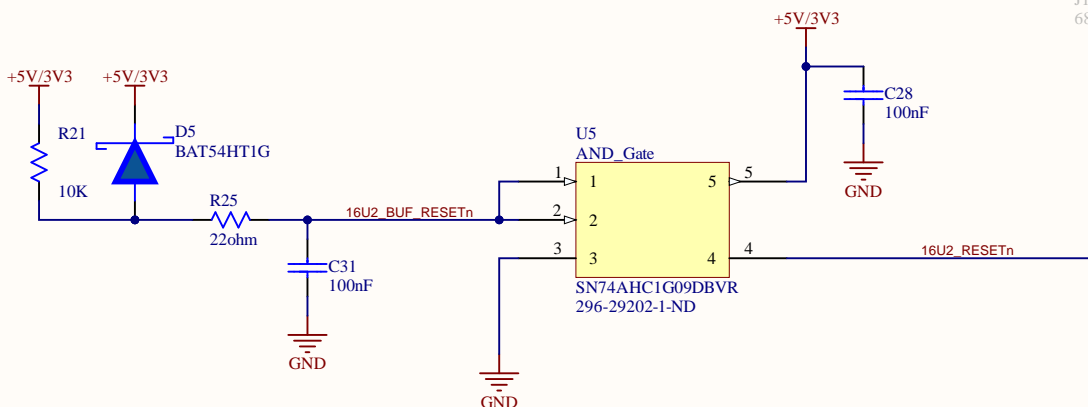
POWER



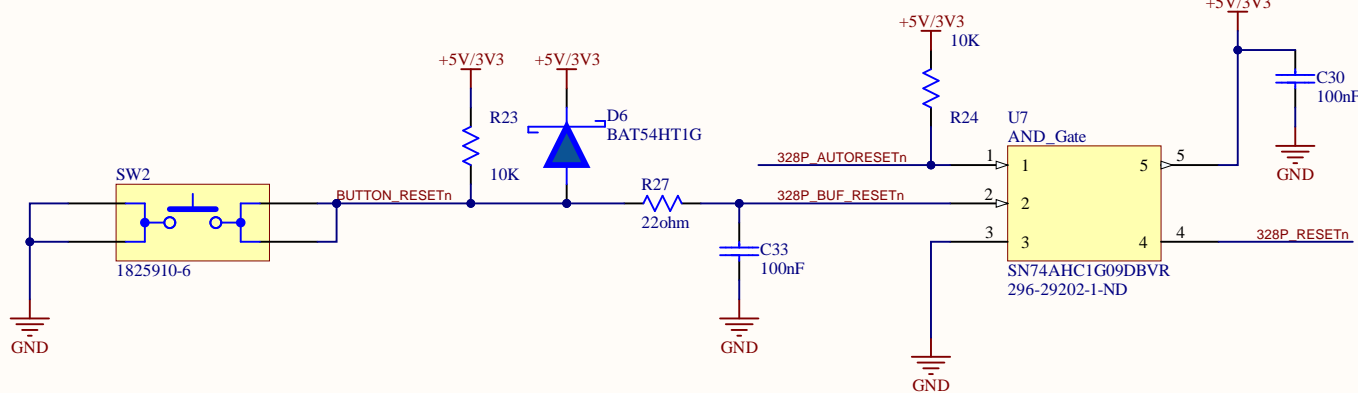
POWER SELECTION



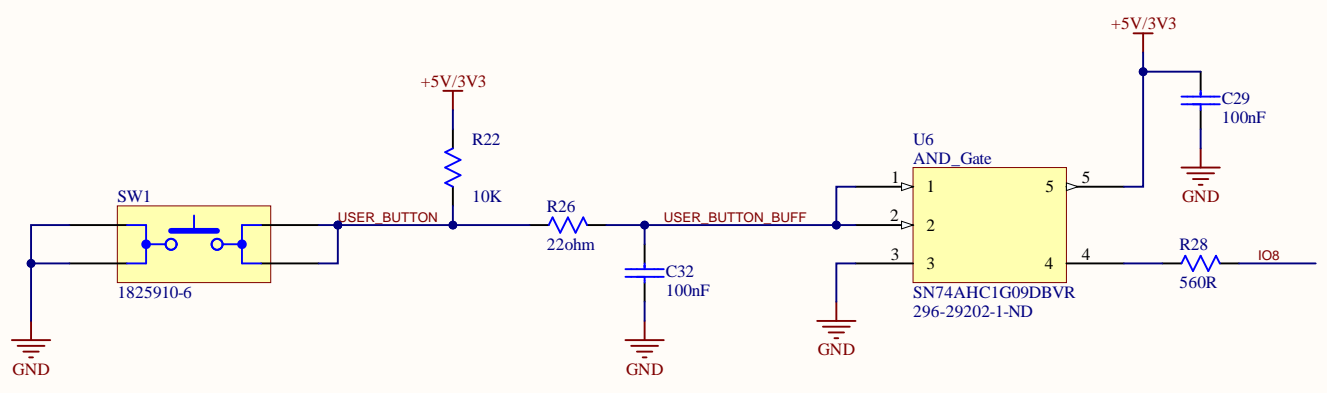
RESET (16U2)



RESET (328P)



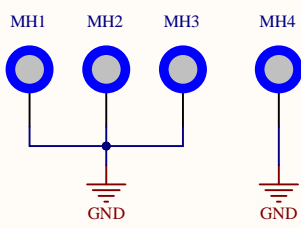
USER BUTTON



DIP SOCKET

28-DIP SOCKET
3M5480-ND

MOUNTING HOLES



FIDUCIALS



Company	SSGMCE
Title	Arduino Variant: UNO R3
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REVISION HISTORY																												
A								A																				
B								B																				
C								C																				
D							<table><tr><td colspan="2">Company</td><td colspan="2">SSGMCE</td></tr><tr><td>Title:</td><td colspan="2">Arduino</td><td>Variant: UNO R3</td></tr><tr><td>Page Contents:</td><td colspan="2">[04] - REVISION HISTORY.SchDoc</td><td>Checked by Mr. K. T. Kahar</td></tr><tr><td>Size:</td><td colspan="2">DWG NO</td><td>Revision: V1 I</td></tr><tr><td>Date:</td><td colspan="2">31-05-2024</td><td>Sheet 4 of 5</td></tr></table>	Company		SSGMCE		Title:	Arduino		Variant: UNO R3	Page Contents:	[04] - REVISION HISTORY.SchDoc		Checked by Mr. K. T. Kahar	Size:	DWG NO		Revision: V1 I	Date:	31-05-2024		Sheet 4 of 5	D
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B								
C								
D								

NOTES

Mark Not Fitted Components as
NF

DRAFT - Very early stage of schematic, ignore details.

PRELIMINARY - Close to final schematic.

CHECKED - There should not be any mistakes. Tell the engineer if you find one.

RELEASED - A board with this schematic has been sent to production.

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