

	1	2	3	4	5	6	7	8																
A	<div>Designator [01] - COVER PAGE.SchDoc</div> <div></div>	<div>Designator [02] - BLOCK DIAGRAM.SchDoc</div> <div></div>	<div>Designator [03] - 28PINS.SCHEMATIC.SchDoc</div> <div></div>	<div>Designator [04] - REVISION HISTORY.SchDoc</div> <div></div>																				
B																								
C																								
D	<div><div>NOTES</div><div>Mark Not Fitted Components as <b>NF</b></div><div>DRAFT - Very early stage of schematic, ignore details.</div><div>PRELIMINARY - Close to final schematic.</div><div>CHECKED - There should not be any mistakes. Tell the engineer if you find one.</div><div>RELEASED - A board with this schematic has been sent to production.</div></div>				<div>Would you like to learn how to design boards like this?</div> <div><div><div><div></div></div><div>FEDEVEL</div></div><div>“ We designed this board, so you can learn, Google for FEDEVEL Academy “</div><div>Academy - Learn Schematic &amp; PCB Design ONLINE</div></div> <table><tr><td colspan="2">Title:</td><td colspan="2">Variant: FIXED 5V</td></tr><tr><td colspan="2">Page Contents:</td><td>28Pins_Project_VIII1 Project.SchDoc</td><td>Checked by</td></tr><tr><td>Size:</td><td colspan="2">DWG NO</td><td>Revision: VIII</td></tr><tr><td>Date:</td><td>12/21/2024</td><td>Designed by www.fedevel.com</td><td>Sheet 1 of 5</td></tr></table>				Title:		Variant: FIXED 5V		Page Contents:		28Pins_Project_VIII1 Project.SchDoc	Checked by	Size:	DWG NO		Revision: VIII	Date:	12/21/2024	Designed by www.fedevel.com	Sheet 1 of 5
Title:		Variant: FIXED 5V																						
Page Contents:		28Pins_Project_VIII1 Project.SchDoc	Checked by																					
Size:	DWG NO		Revision: VIII																					
Date:	12/21/2024	Designed by www.fedevel.com	Sheet 1 of 5																					
	1	2	3	4	5	6	7	8																

Variant: FIXED 5V

12/21/2024  
V1I1

RELEASED 30/12/2024

Page	Index	Page	Index	Page	Index	Page	Index
1	COVER PAGE	11		21		31	
2	BLOCK DIAGRAM	12		22		32	
3	28PINS SCHEMATIC	13		23		33	
4	REVISION HISTORY	14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

DESIGN CONSIDERATIONS

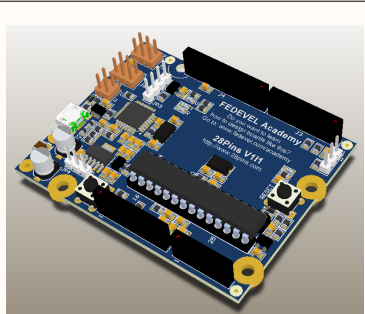
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DESIGN NOTE:  
Example text for cautionary  
design notes.

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Example text for debug notes.

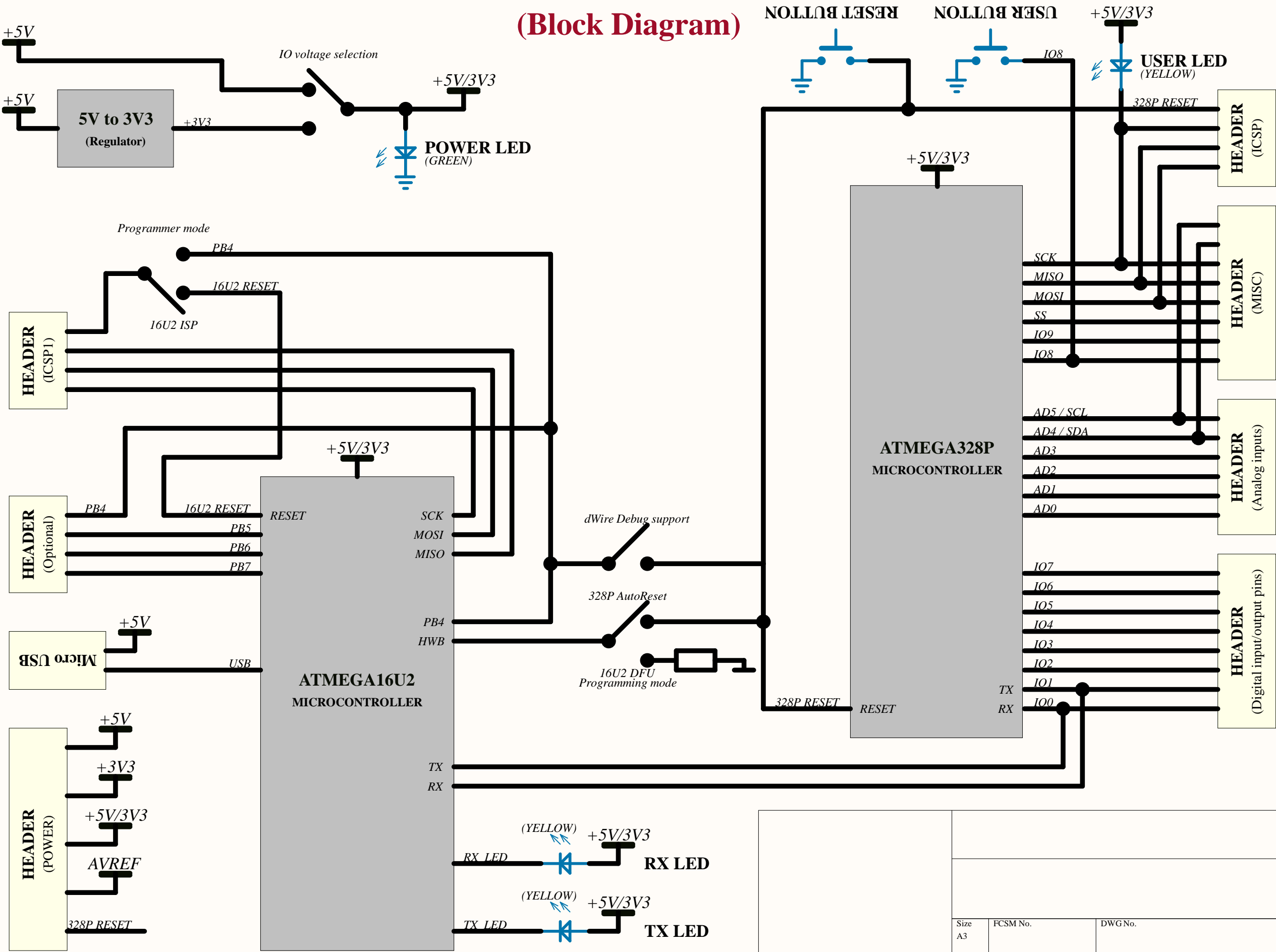
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LAYOUT NOTE:  
Example text for critical  
layout guidelines.



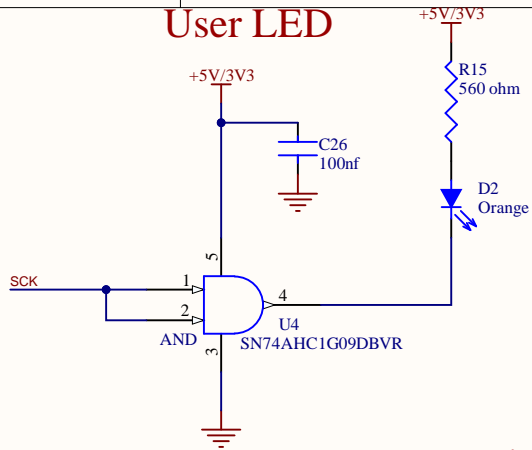
Size A3	FCSM No.	DWG No.	Rev
Scale		Sheet	

(Block Diagram)

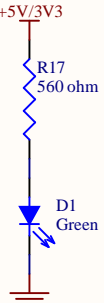


28PINS-SCHEMATIC

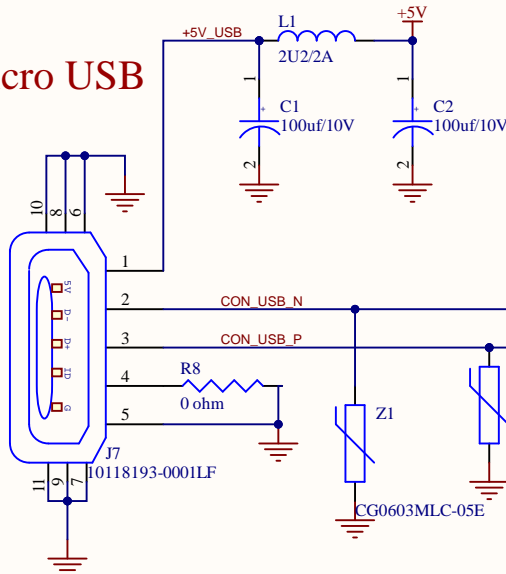
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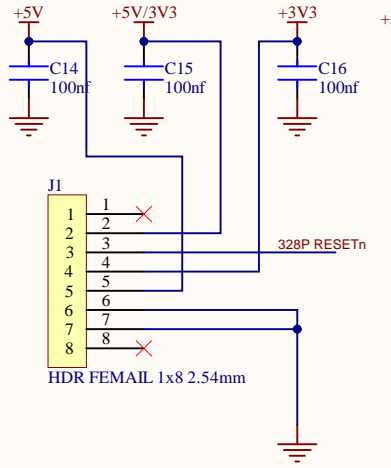
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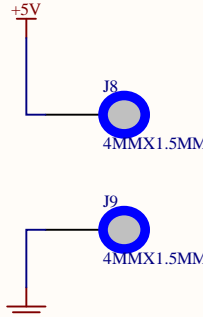
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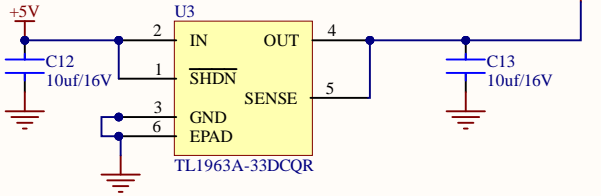
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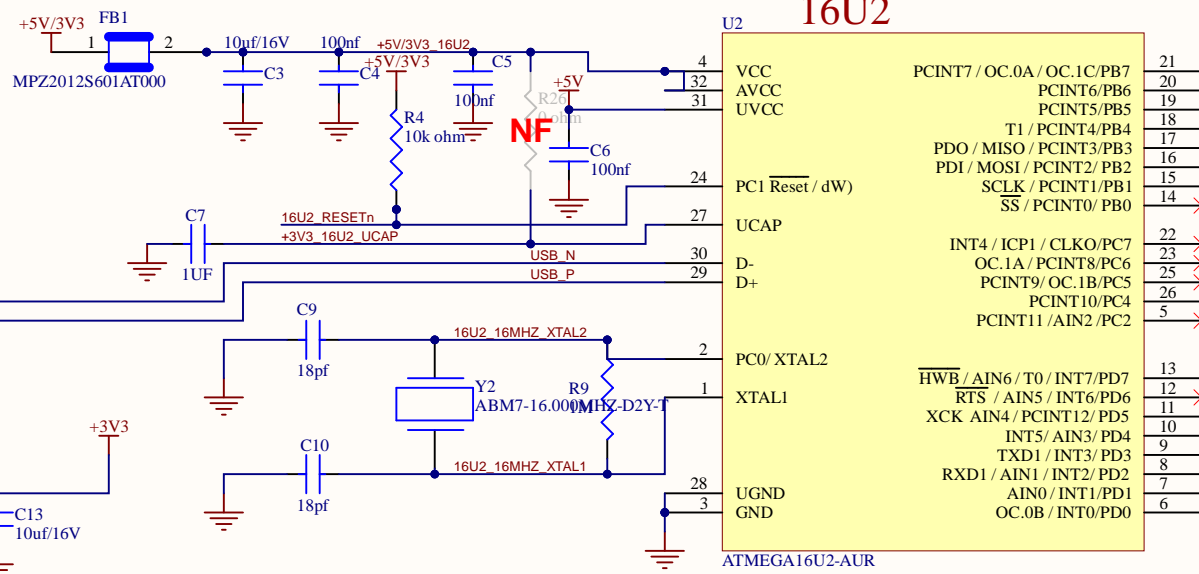
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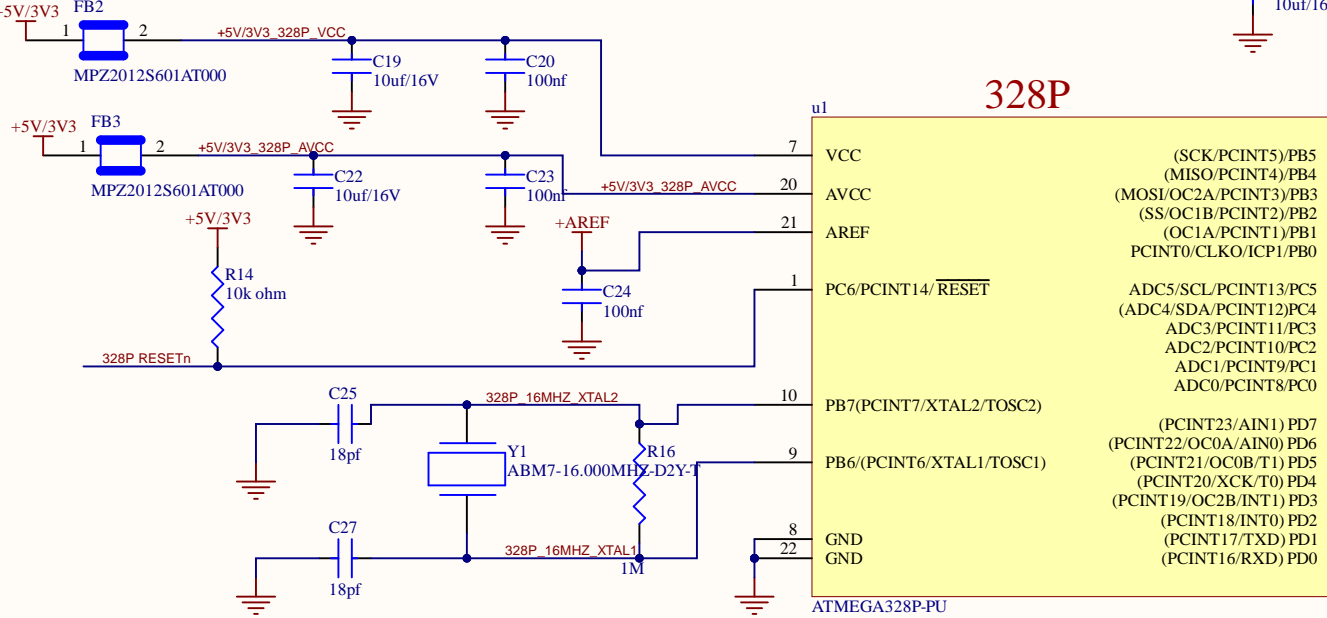
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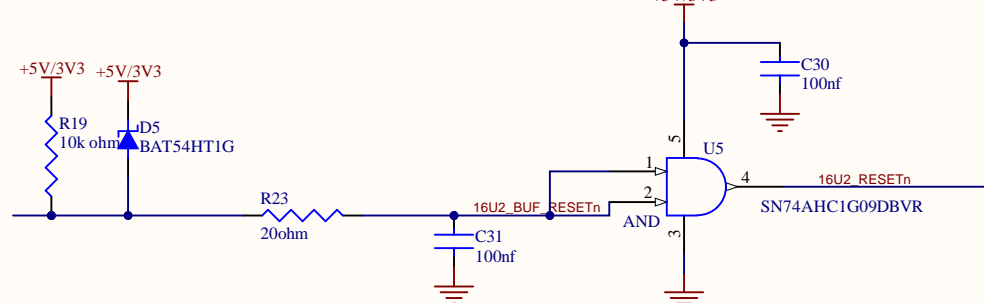
16U2



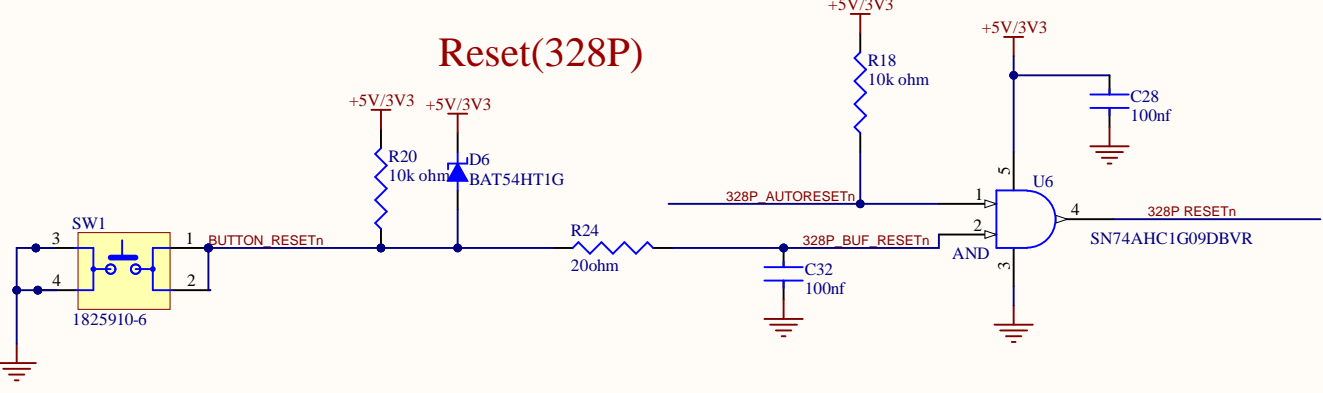
328P



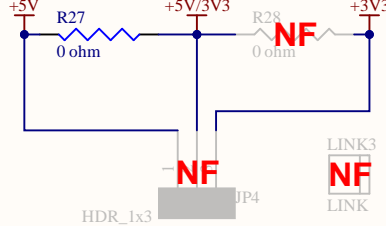
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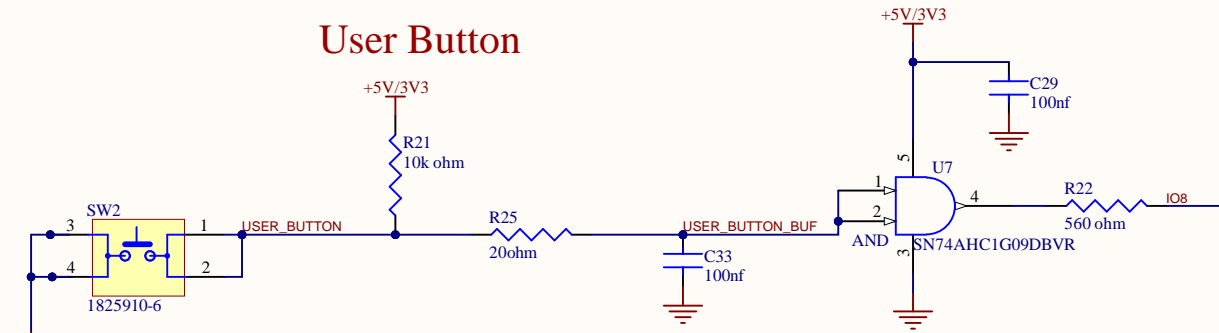
Reset(328P)



Power Selection



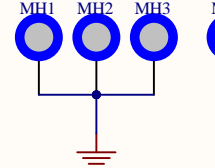
User Button



Fiducials



Mounting Holes



DIP Socket



Tharinda Abeywardhana

Size	FCSM No.	DWG No.	Rev
A2			
Scale		Sheet	

# REVISION HISTORY

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Title:		Variant: FIXED 5V	
Page Contents:		[04] - REVISION HISTORY.SchDoc	
Checked by			
Size:	DWG NO		Revision: VIII
Date:	12/21/2024		Sheet 5 of 5