

28PINS

Variant: FIXED 5V

2023-04-09
V1I1

RELEASED 09-APRIL-2023

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DESIGN CONSIDERATIONS

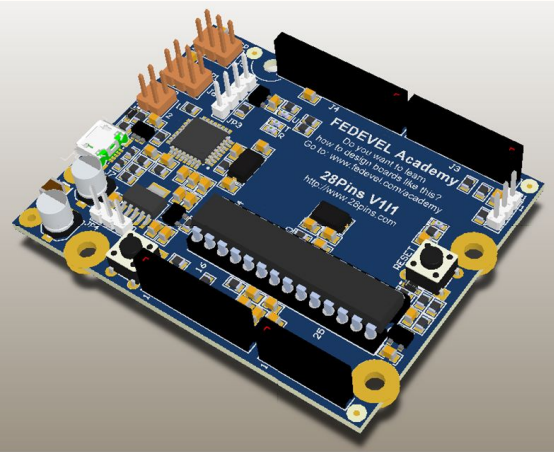
DESIGN NOTE:
Example text for informational
design notes.

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.

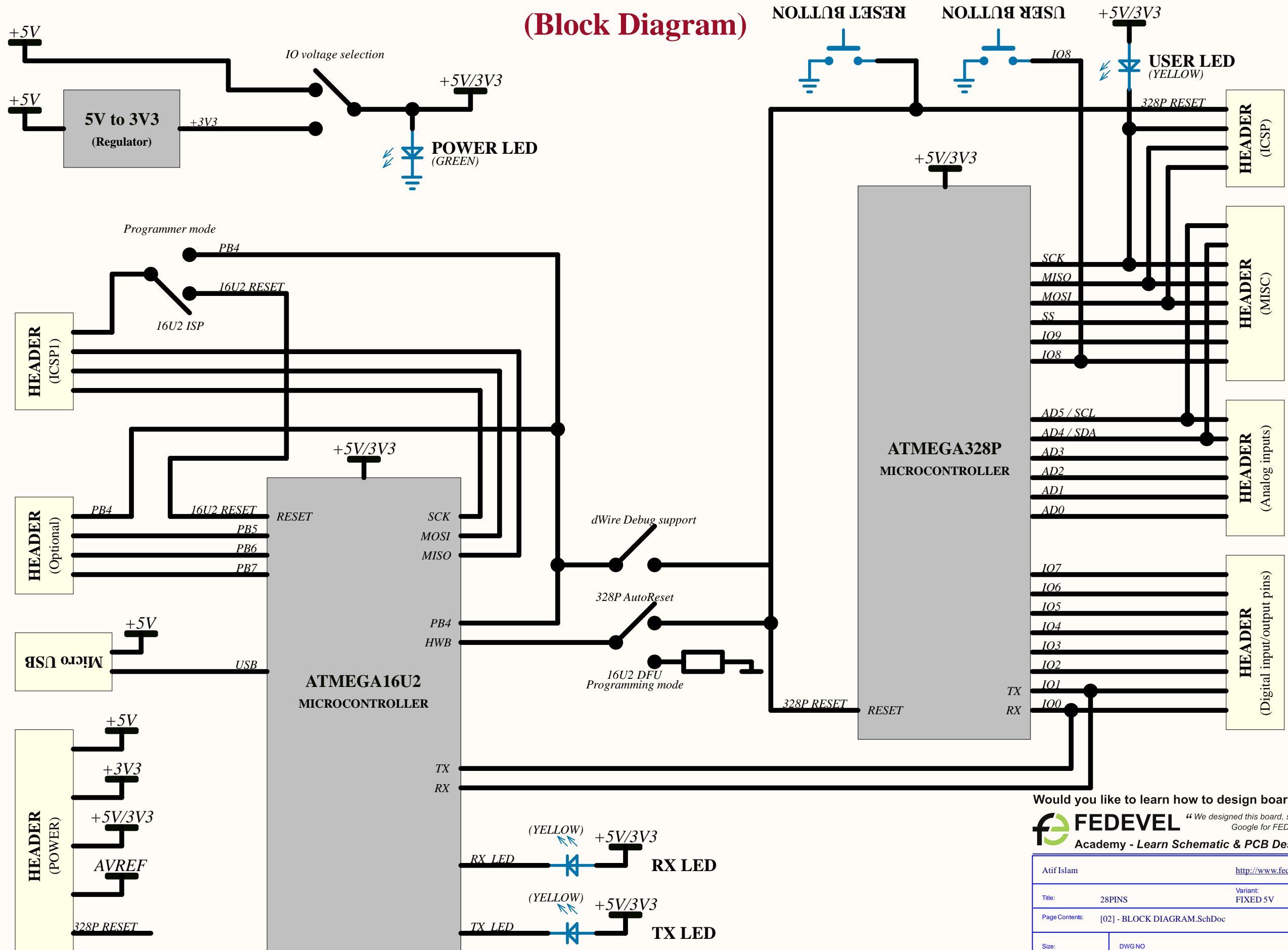


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| Page Contents: | [01] - COVER PAGE.SchDoc | | Checked by |
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| Sheet | | 1 | of 5 |

28PINS (Block Diagram)



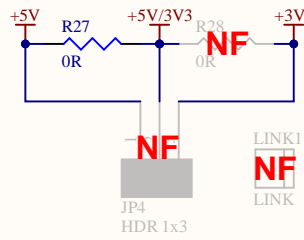
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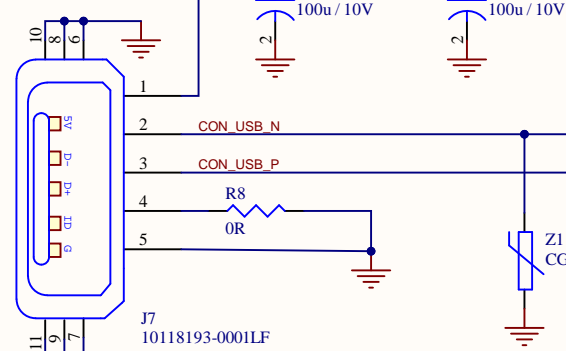
| | | | |
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| Page Contents: | [02] - BLOCK DIAGRAM.SchDoc | | |
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28PIN PROJECT

Power Selection



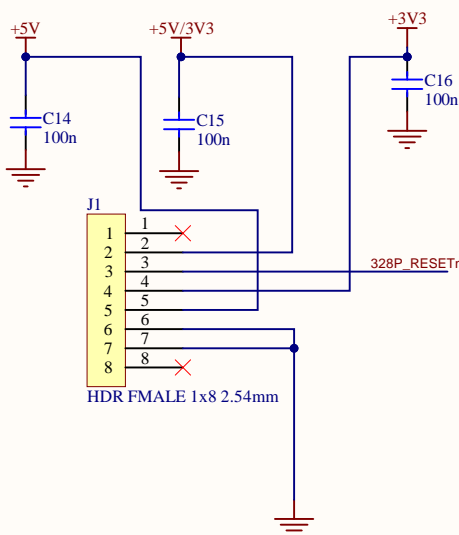
Micro USB



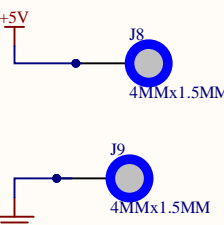
3V3 LDO

TL1963A-33DCQ1T

POWER



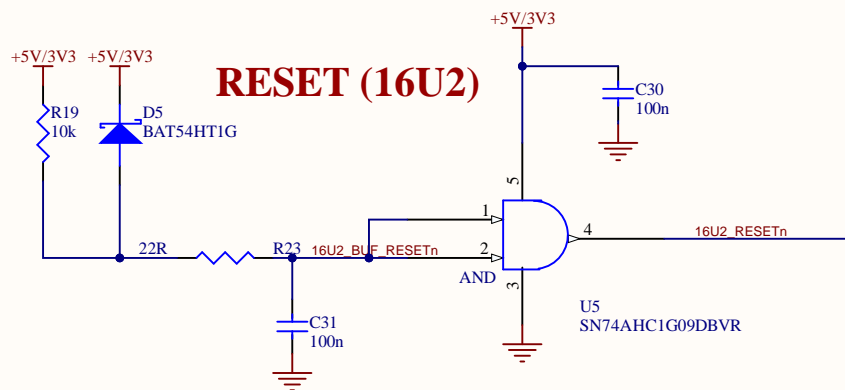
POWER PADS



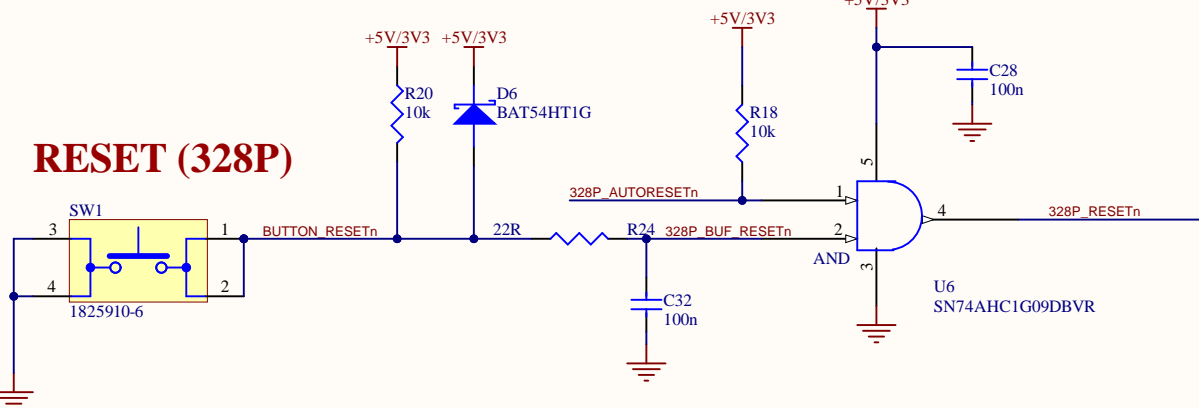
POWER LED



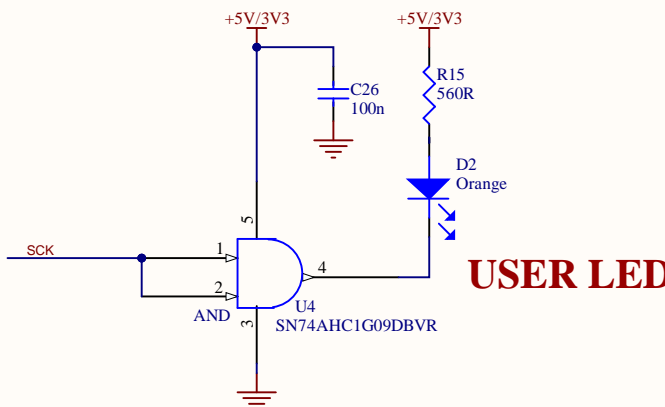
RESET (16U2)



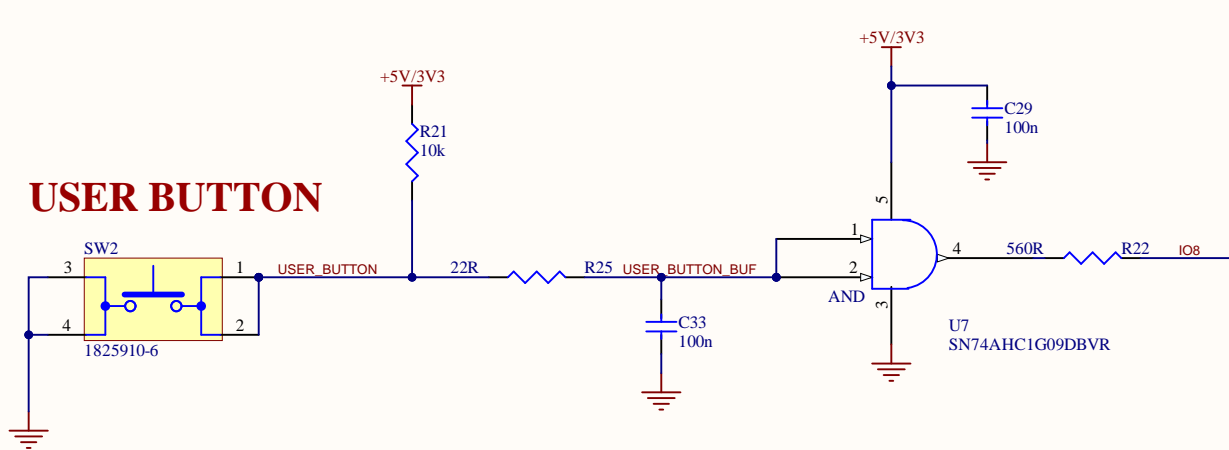
RESET (328P)



USER LED



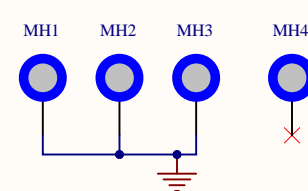
USER BUTTON



DIP SOCKET

SCKT FOR U1
28-DIP Socket

MOUNTING HOLES



FIDUCIALS



| | | | |
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| Page Contents: | [03] - 28PINS SCHEMATIC.SchDoc | | Checked by: |
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REVISION HISTORY

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| | | | | | | | | |
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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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