

12345678

A

Uno Copy

Variant: [No Variations]

6/4/2020

V1I1

B

RELEASED 5-June-2020

B

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	

C

DESIGN CONSIDERATIONS

D

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.

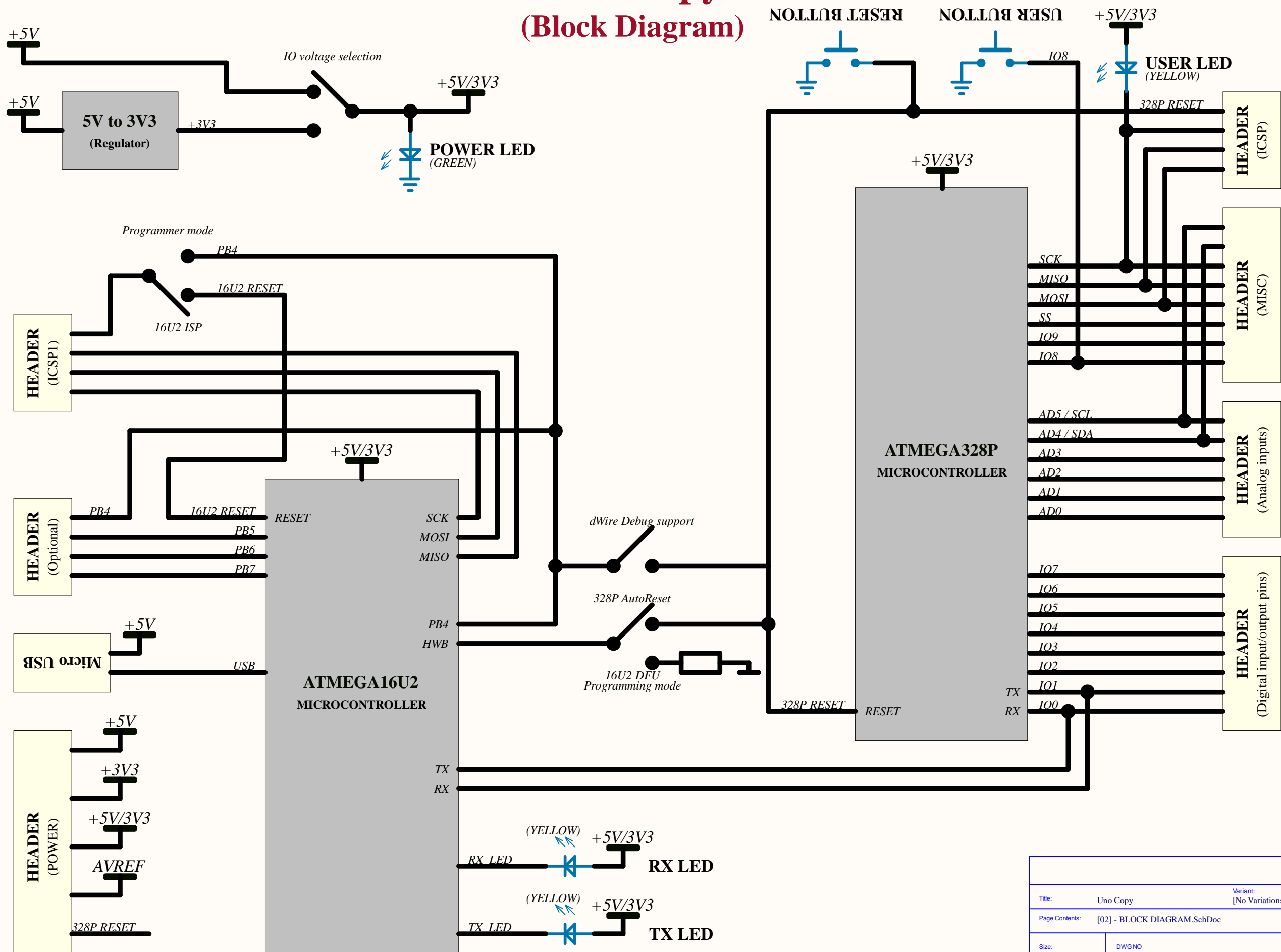
D

Title:	Uno Copy		Variant: [No Variations]
Page Contents:	[01] - COVER PAGE.SchDoc		Checked by
Size:	DWG NO		Revision: VIII
Date: 6/4/2020	Sheet	1	of 5

12345678

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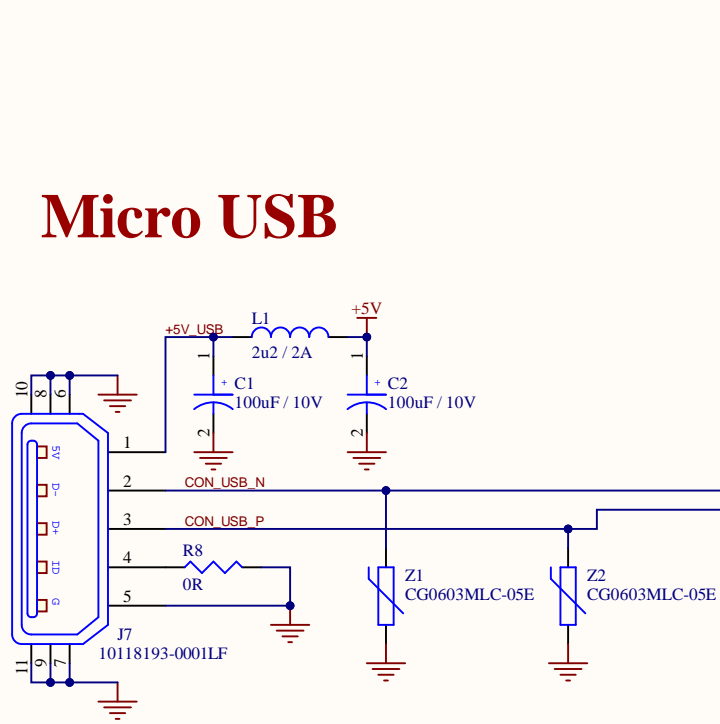
(Block Diagram)



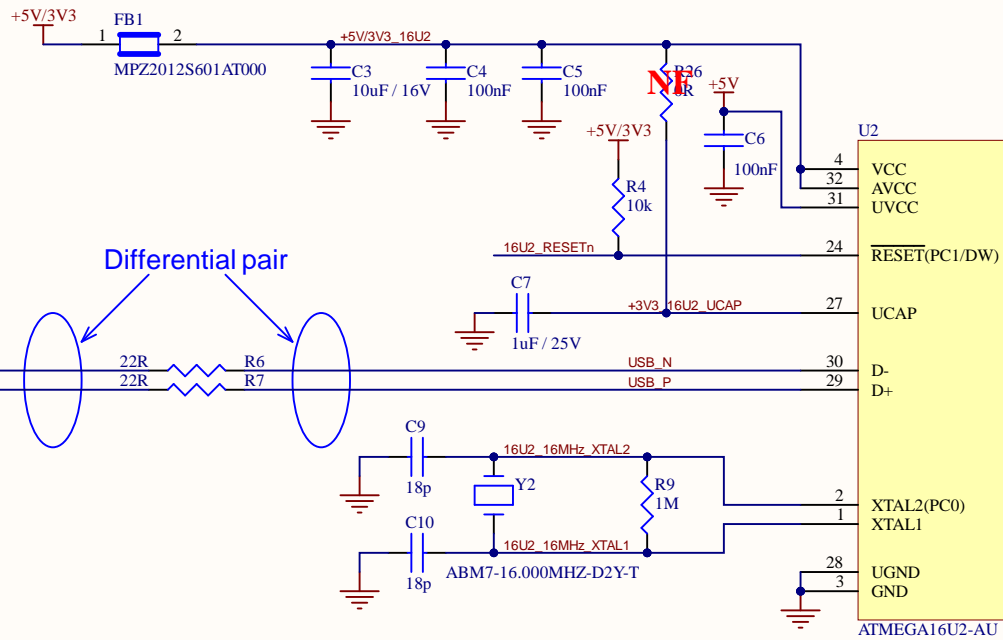
Title: Uno Copy			
Variant: [No Variations]			
Page Contents: [02] - BLOCK DIAGRAM.SchDoc		Checked by	
Size:	DWG NO	Revision:	VIII
Date: 6/4/2020	Sheet 2 of 5		

Arduino UNO - SCHEMATIC

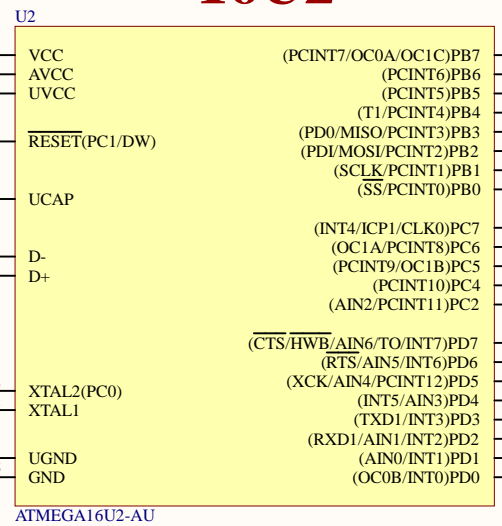
Micro USB



Differential pair



16U2



JP2

ICSP1

JP3

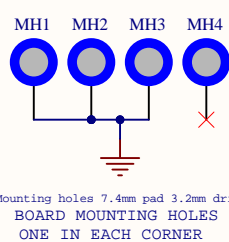
JP1

ICSP

DIP SOCKET



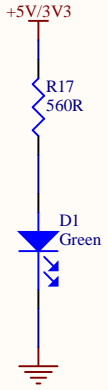
MOUNTING HOLES



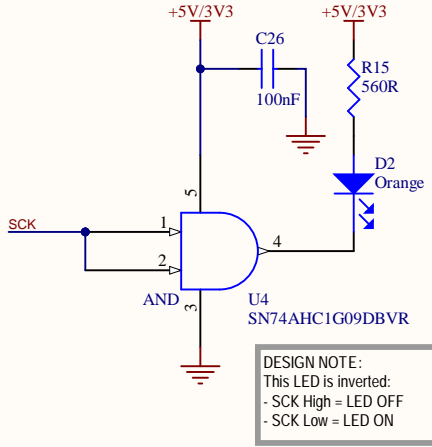
FIDUCIALS



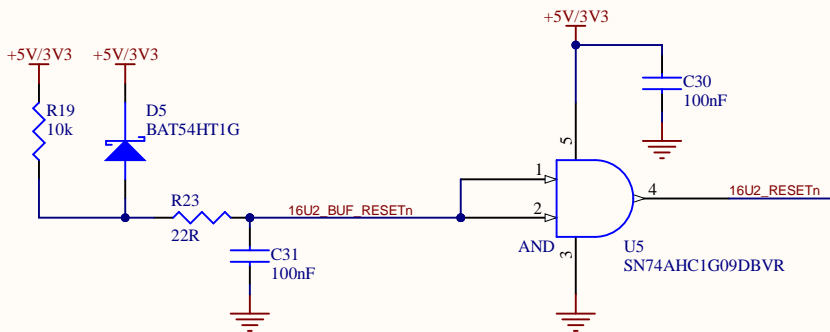
POWER LED



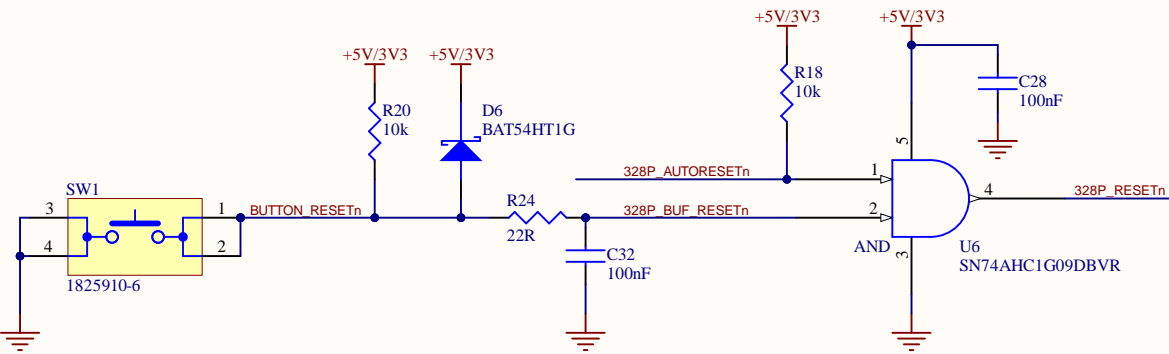
USER LED



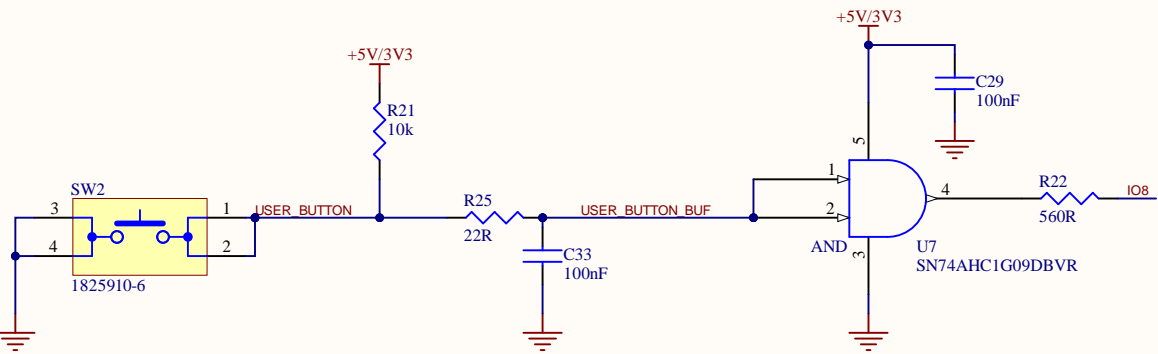
RESET (16U2)



RESET (328P)



USER BUTTON



LAYOUT NOTE:
1) Route all the POWER tracks with minimum track width 0.4mm.
2) Route all the other tracks by 0.4mm and change them by the end of the design to 0.2mm. To change all of them at once, use this filter "not inNet(+)" and not inNet("GND") and isTrack and (OnLayer("L1") or OnLayer("L2"))" and then set 0.2mm width in PCB Inspector panel.

Title:	Uno Copy	Variant:	[No Variations]
Page Contents:	[03] - SCHEMATIC.SchDoc	Checked by:	
Size:	DWGNO	Revision:	V1111
Date:	6/4/2020	Sheet	3 of 5

1	2	3	4	5	6	7	8	
REVISION HISTORY								
A								A
B								B
C								C
D								D
1	2	3	4	5	6	7	8	

Title:	Uno Copy		Variant: [No Variations]
Page Contents:	[04] - REVISION HISTORY.SchDoc		Checked by
Size:	DWG NO		Revision: VIII
Date:	6/4/2020		Sheet 4 of 5

1

2

3

4

5

6

7

8

Designator
[01] - COVER PAGE.SchDoc

Designator
[02] - BLOCK DIAGRAM.SchDoc

Designator
[03] - SCHEMATIC.SchDoc

Designator
[04] - REVISION HISTORY.SchDoc

A

A

B

B

C

C

D

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.

Title: Uno Copy		Variant: [No Variations]	
Page Contents: UNO_copy V111 Project.SchDoc		Checked by	
Size:	DWGNO	Revision: V111	
Date: 6/4/2020		Sheet 5 of 5	