3/29/2020 V1I1

Variant: [No Variations]

RELEASED 07-APR-2015

	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	
c	7		17		27		37	
-	8		18		28		38	
	9		19		29		39	
	10		20		30		40	

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.

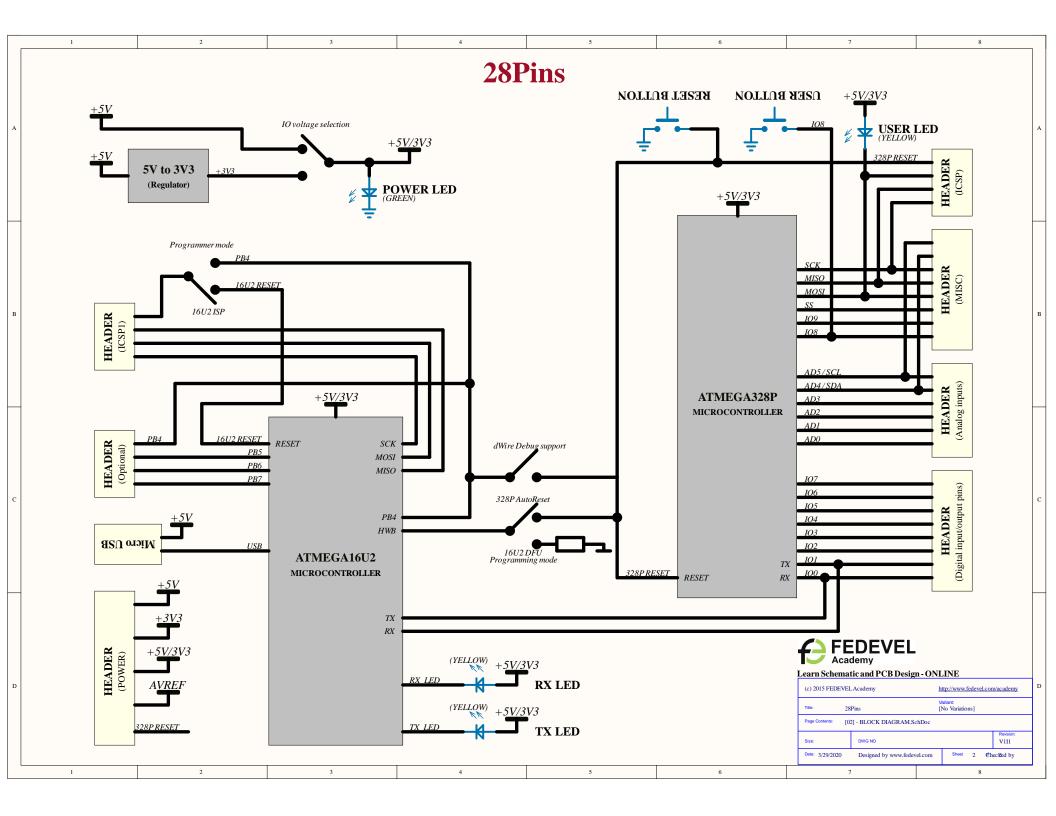
DESIGN NOTE: Example text for critical design notes.

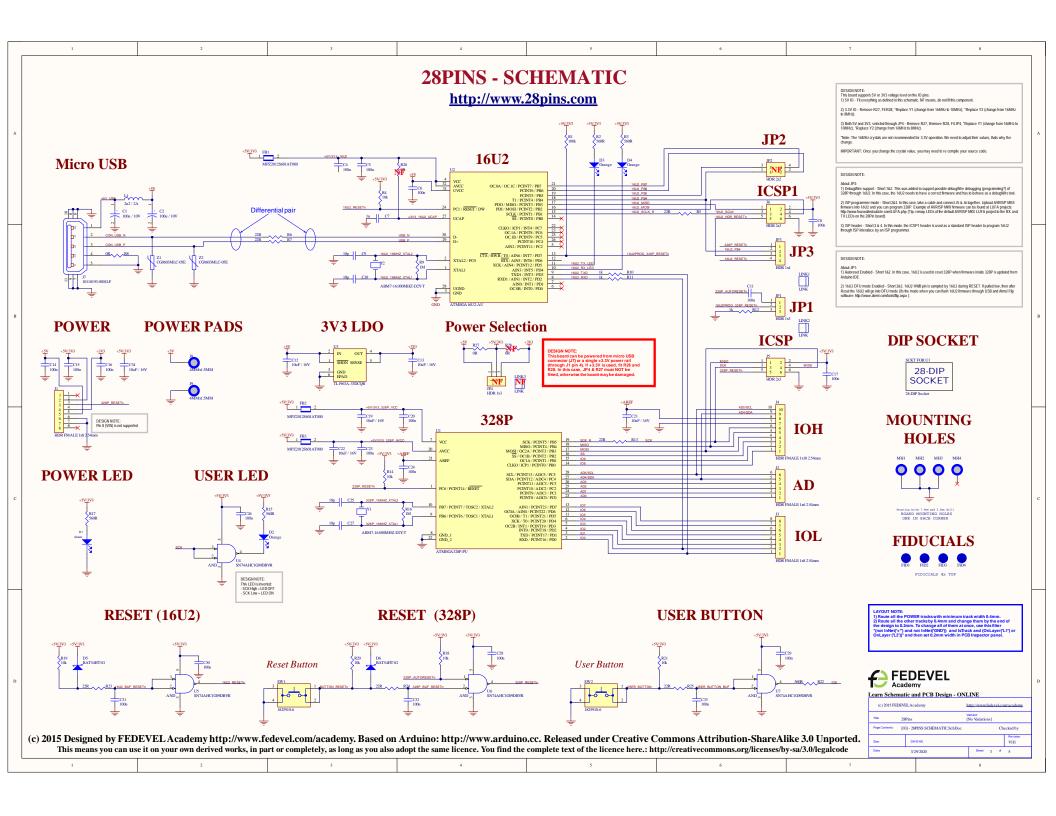
LAYOUT NOTE: Example text for critical layout guidelines.

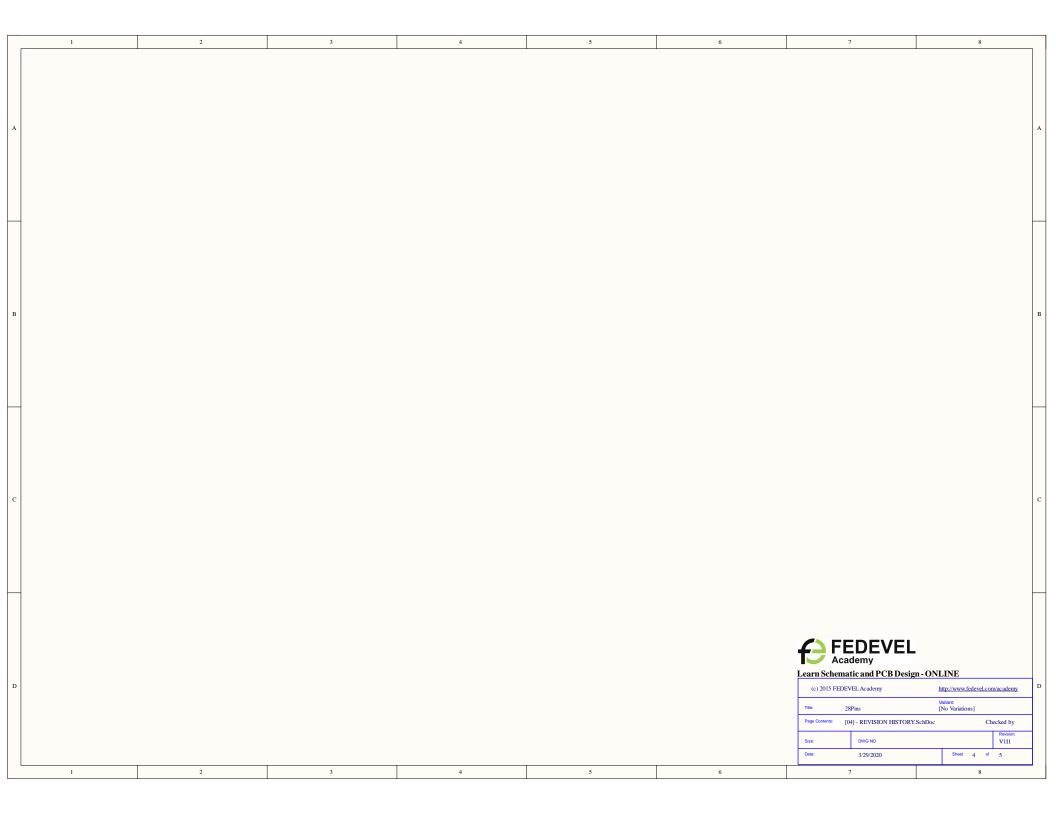


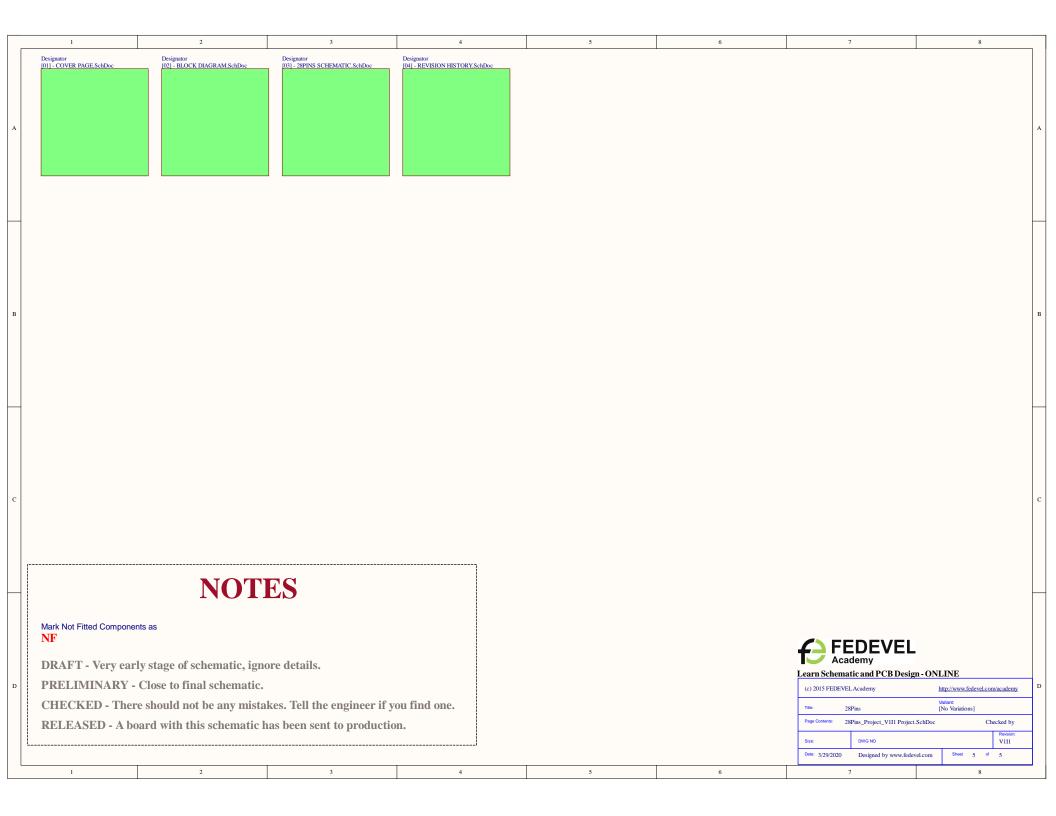


| Column | C



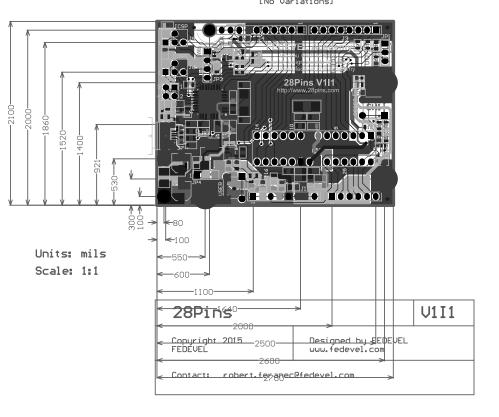






*.GTO - Top Overlay *.GTP - Top Paste *.GTS - Top Solder *.GTL - L1 (Positive) *.GBL - L2 (Positive) *.GBS - Bottom Solder *.GBO - Bottom Overlay *.GM2 - Mechanical Drawing *.GM3 - Manufacturing Notes *.GM4 - Licence *.GM28 - Board Outline

Mechanical Drawing of 28Pins Ulii



Board info Minimum Track: 200um Minimum Gap: 200um Minimum Through Hole VIA: 0.6mm (pad) / 0.3mm (drill). Drilling: L1-L2

- 1. FINISHED PANEL THICKNESS IS NOT CRITICAL: TO BE APPROXIMATELY 1.6mm
- 2. BOARD FINISH: IMMERSION AU/ELECTROLESS Ni; 0.05-0.12 um GOLD; 3-6um NICKEL
- 3. SOLDER RESIST: APPLY TO BOTH SIDES COLOUR BLUE
- 4. COMPONENT IDENT: COLOUR TO BE WHITE
- 5. PANELIZE THE BOARD (4PCS PER PANEL). PLACE FIDUCIALS ON THE PANEL STRIPS AS FOLLOWS:
 - FIDUCIAL DIAMTER 1-1.5MM, SOLDER MASK OPENING AT LEAST IMM GREATER THAN FIDUCIAL
 MINIMUM 4MM DISTANCE FROM THE PANEL EDGE
 3 FIDUCIALS SHOULD LIE ON TWO LINES THAT INTERSECT AT A RIGHT ANGLE

 - PLACE ONE FIDUCIAL INTO EACH PANEL CORNER (FOUR ON THE TOP LAYER)

LICENCE

AUTHOR: FEDEVEL 2015 WEBSITE: http://www.28pins.com

This is a human-readable summary of the licence. Read full licence at: https://creativecommons.org/licenses/by-sa/3.0/legalcode

You are free to:

Share - copy and redistribute the material in any medium or format Adapt - remix, transform, and build upon the material for any purpose, even commercially.

The licensor cannot revoke these freedoms as long as you follow the license terms.

Under the following terms:

Attribution - You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.

ShareAlike - If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original.

No additional restrictions - You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits.

You do not have to comply with the license for elements of the material in the public domain or where your use is permitted by an applicable exception or limitation.

No warranties are given. The license may not give you all of the permissions necessary for your intended use. For example, other rights such as publicity, privacy, or moral rights may limit how you

Based on Arduino: http://www.arduino.cc/

Board Stack Report