

Mikeduino

Variant: FIXED 5V

10/20/2018

V1I1

20-10-2018

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

DESIGN NOTE:  
Example text for informational  
design notes.

DESIGN NOTE:  
Example text for cautionary  
design notes.

DESIGN NOTE:  
Example text for debug notes.

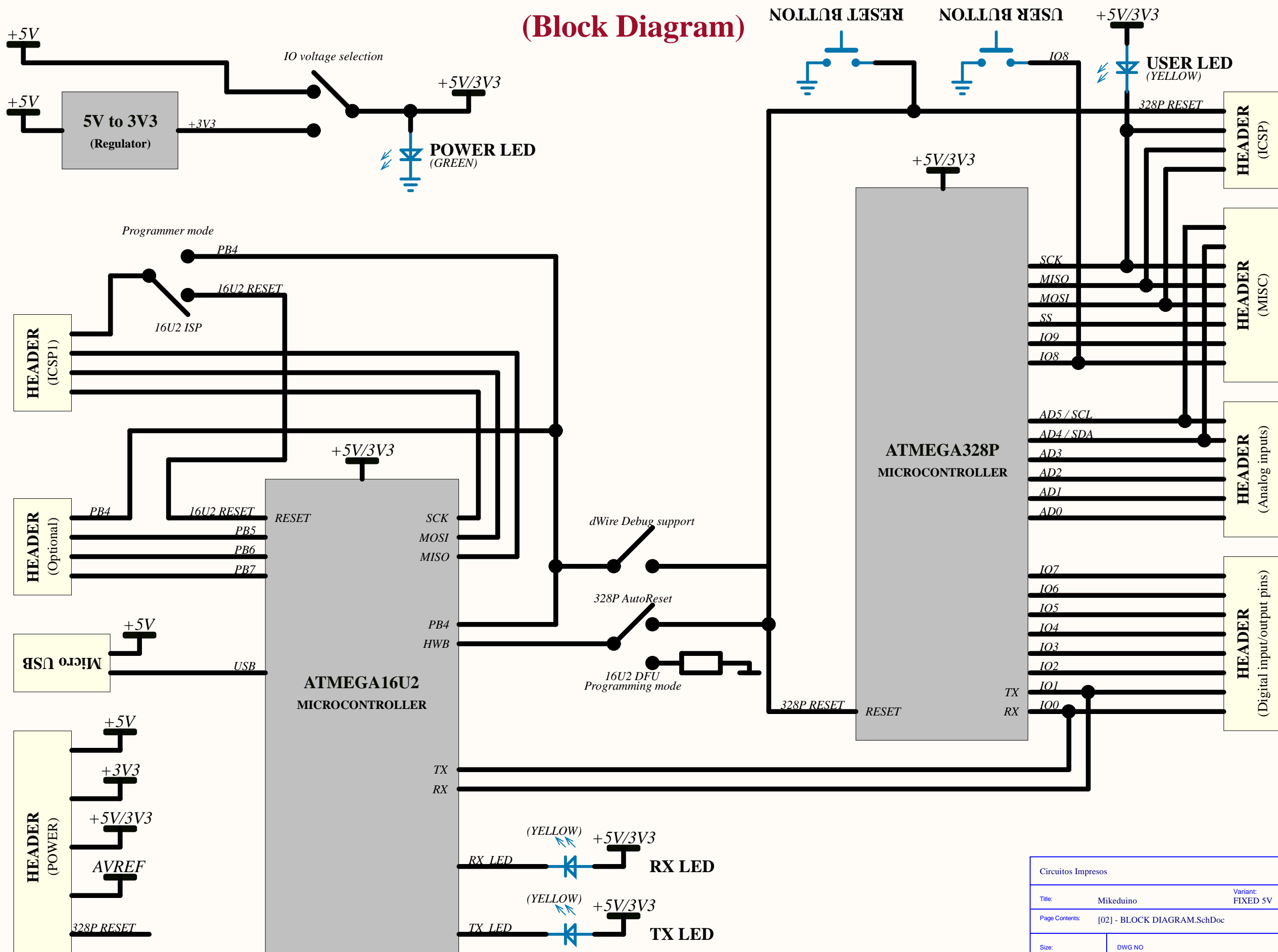
DESIGN NOTE:  
Example text for critical  
design notes.

LAYOUT NOTE:  
Example text for critical  
layout guidelines.

Circuitos Impresos			
Title:	Mikeduino	Variant:	FIXED 5V
Page Contents:	[01] - COVER PAGE.SchDoc		Checked by
Size:	DWG NO		Revision: VIII
Date:	10/20/2018	Designed by	www.fedevel.com
Sheet		1	of 6

# Mikeduino

## (Block Diagram)

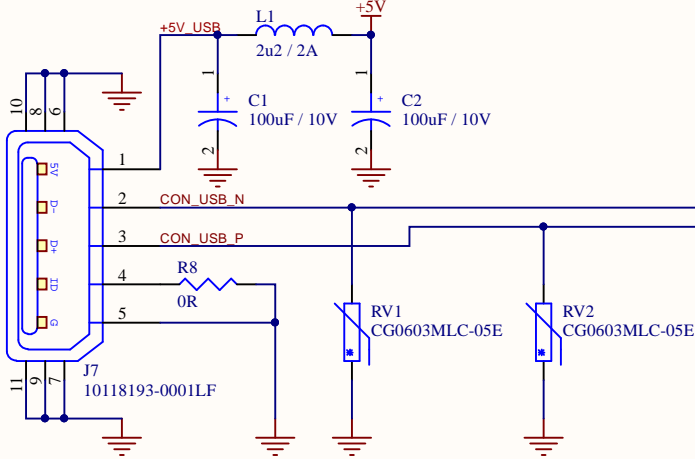


Circuitos Impresos			
Title: Mikeduino		Variant: FIXED 5V	
Page Contents: [02] - BLOCK DIAGRAM.SchDoc		Revision: VIII	
Size:	DWG NO		Sheet 2
Date: 10/20/2018	Designed by www.fedevel.com		Checked by

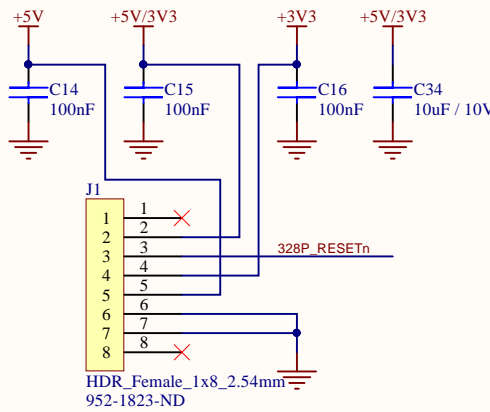
# Mikeduino

Circuitos Impresos			
Title:	Mikeduino Variant: FIXED 5V		
Page Contents:	[03] - Mikeduino SCHEMATIC.SchDoc		Checked by:
Size:	DWG NO		Revisor: V111
Date: 10/20/2018	Designed by www.fedevcl.com	Sheet 3 of 6	

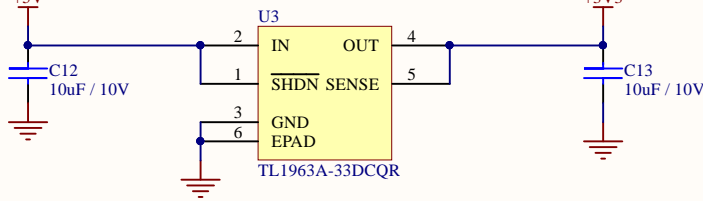
## Micro USB



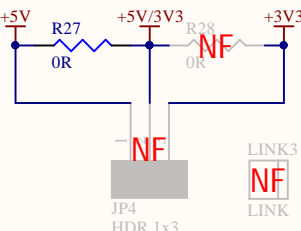
## POWER



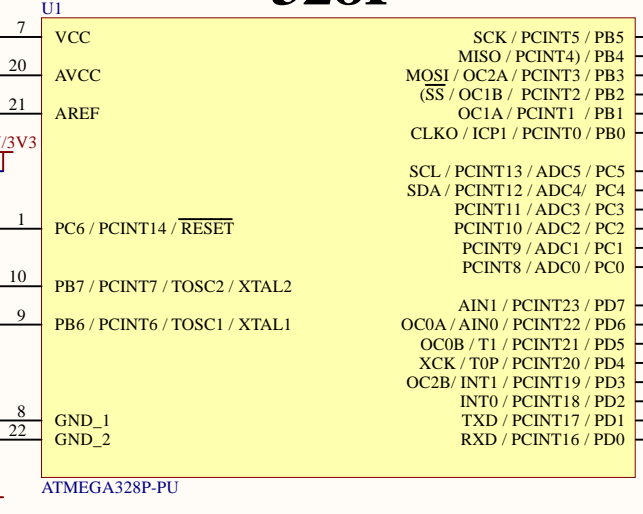
## 3V3 LDO



## POWER SELECTION



## 328P



## JP2

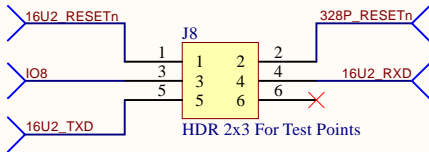
## ICSP1

## JP3

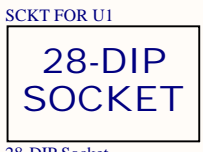
## JP1

## ISCP

## TEST POINTS

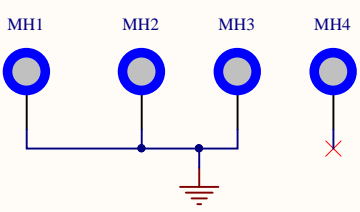


## DIP SOCKET



## IOH

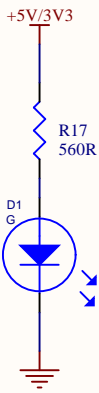
## MOUNTING HOLES



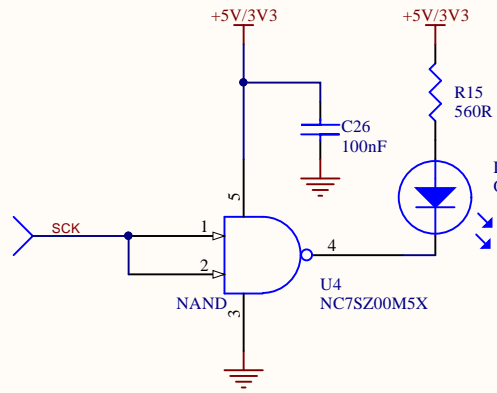
## FIDUCIALS



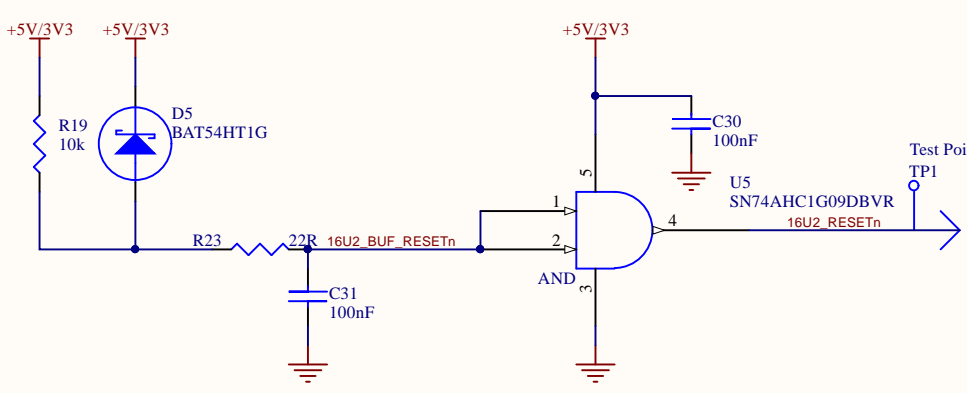
## POWER LED



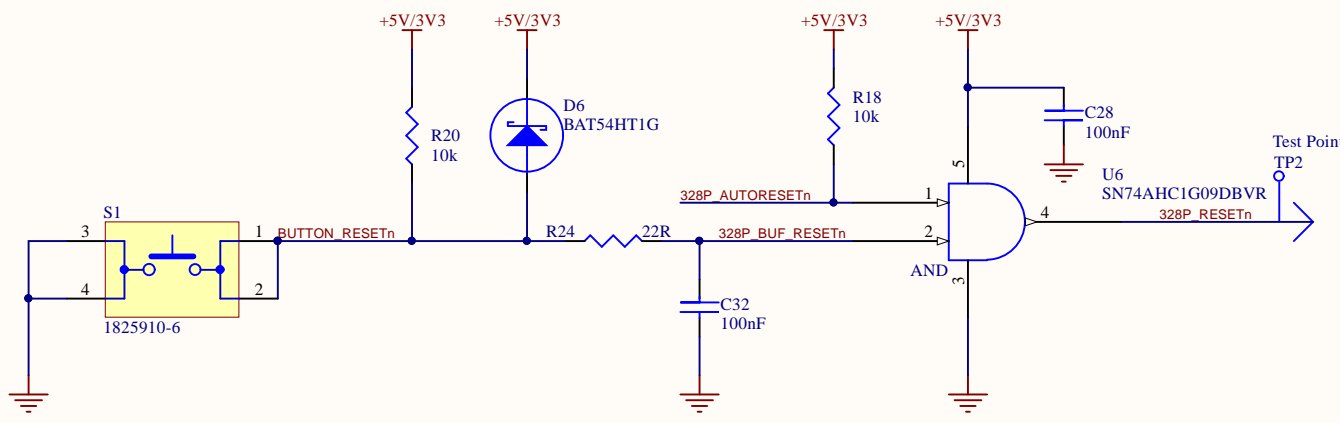
## USER LED



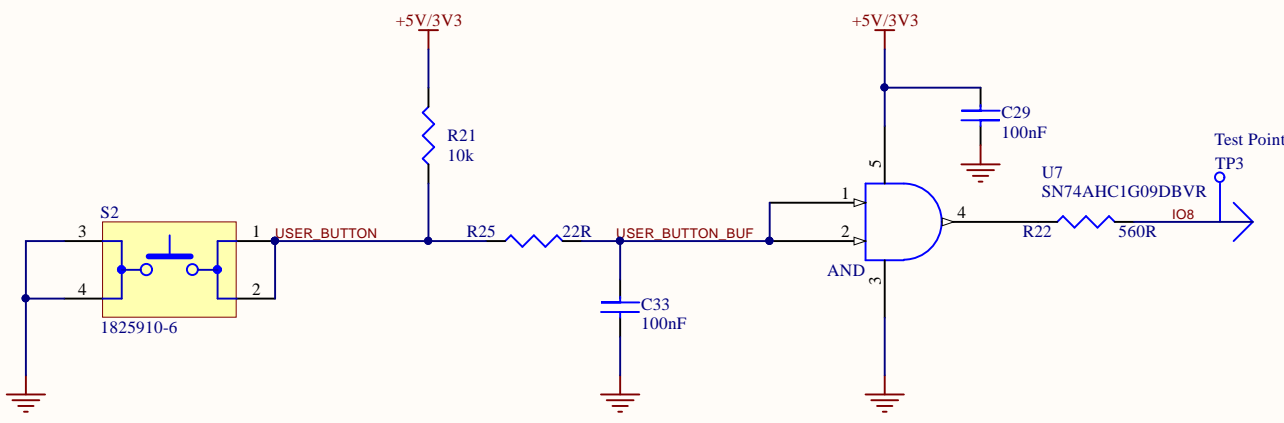
## RESET CIRCUIT (16U2)



## RESET CIRCUIT (328P)



## USER BUTTON



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A	<div>REVISION HISTORY</div>							A																																								
B								B																																								
C								C																																								
D	<div>Cannot open file Fedevel Academy Schematic Banner.png</div> <div><table><tr><td colspan="8">Circuitos Impresos</td></tr><tr><td>Title:</td><td colspan="3">Mikeduino</td><td colspan="4">Variant: FIXED 5V</td></tr><tr><td>Page Contents:</td><td colspan="5">[04] - REVISION HISTORY.SchDoc</td><td colspan="2">Checked by</td></tr><tr><td>Size:</td><td colspan="5">DWG NO</td><td>Revision:</td><td>VIII</td></tr><tr><td>Date:</td><td colspan="4">10/20/2018</td><td>Sheet</td><td>4</td><td>of 6</td></tr></table></div>							Circuitos Impresos								Title:	Mikeduino			Variant: FIXED 5V				Page Contents:	[04] - REVISION HISTORY.SchDoc					Checked by		Size:	DWG NO					Revision:	VIII	Date:	10/20/2018				Sheet	4	of 6	D
Circuitos Impresos																																																
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Page Contents:	[04] - REVISION HISTORY.SchDoc					Checked by																																										
Size:	DWG NO					Revision:	VIII																																									
Date:	10/20/2018				Sheet	4	of 6																																									
1	2	3	4	5	6	7	8																																									

	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] - Mikeduino SCHEMATIC.SchDoc</div> <div></div>	<div>Designator [04] - REVISION HISTORY.SchDoc</div> <div></div>				
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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Circuitos Impresos			
Title:	Mikeduino	Variant:	FIXED 5V
Page Contents:	Mikeduino.SchDoc		Checked by
Size:	DWG NO		Revision: VIII
Date:	10/20/2018	Designed by	www.fedevel.com
Sheet		5	of 6