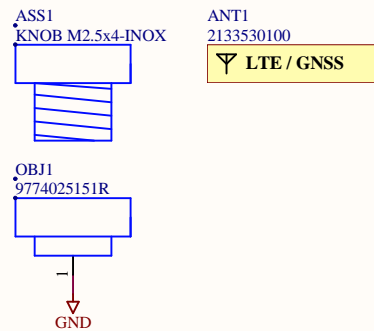


Rev.		Date	Description	# VAR	# BOM	# ECO
Proto.	Prod.					
10	-	2023-09-01	Initial board release		3000-680-001	
11	-	2023-11-27	Moved USB and I2C connectors to the opposite side		3000-723-001	
12	-	2024-01-03	Fixed S1 orientation & Qwiic pinout		3000-737-001	
LIST OF AVAILABLE VARIANTS						
# VAR		Variant name	Description			
REVISION FORMAT EXPLANATION						
-	-	202y-mm-dd	Development phase, date only		-	
10	-	202y-mm-dd	Prototyping phase, revision numeric		3000-xxx-xxx	
-	A	202y-mm-dd	Production phase, revision alphanumeric		3000-xxx-xxx	



## Design considerations

**SOFTWARE CONFIG NOTE:**

- Contains important notes for software development.
- Things like: pin configuration, timing requirements, IC configuration etc.

**DESIGN NOTE:**  
- Hardware notes

### Board support

FD1 FD2 FD5 FD6

FD3 FD7

TOP BOTTOM

PCB1  
PCB  
2200-877

DOC1  
HW-E  
100305

Title:  
**01\_COVER.SchDoc**

Project:	100305_NOTECARRIER-B-EXTENDED.PrjPCB
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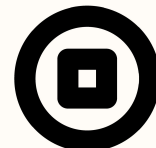
Company:	Medarska 69/1, 10000 Zagreb, Croatia
Byte Lab Grupa d.o.o.	www.byte-lab.com

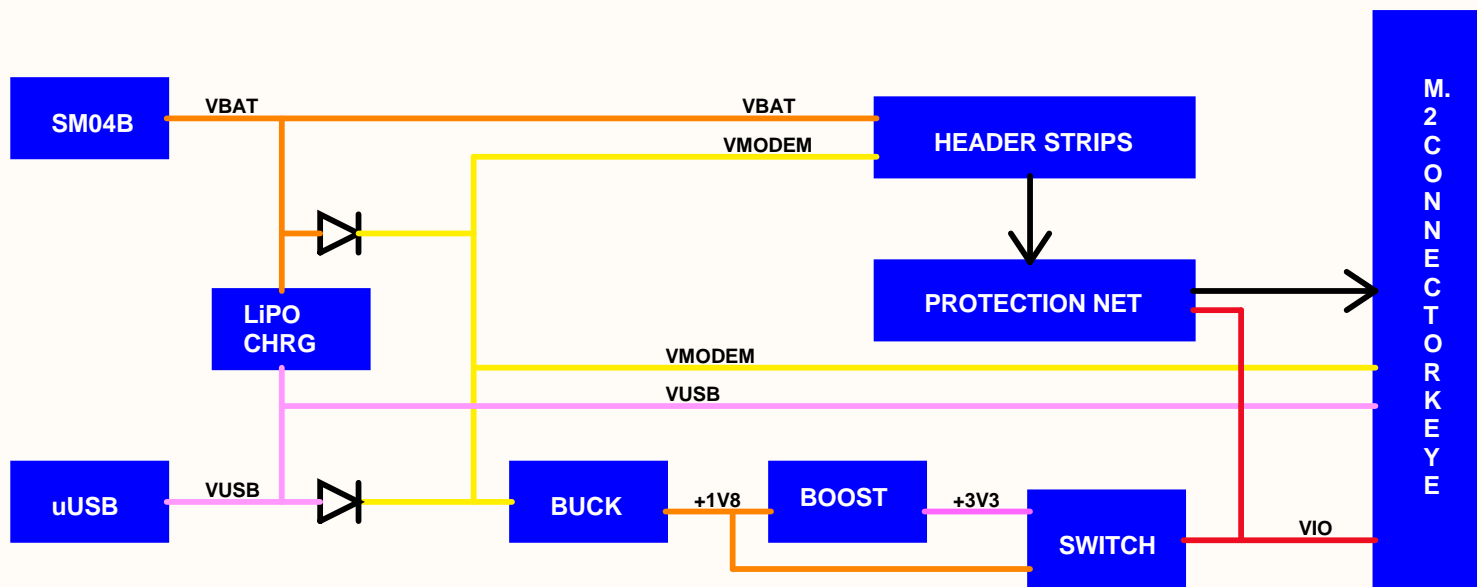
Author: M. Hamin	Acceptor: M. Marsic
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Sheet 1 of 5

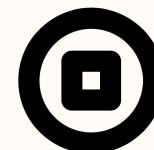
Rev: 12

Format: A4
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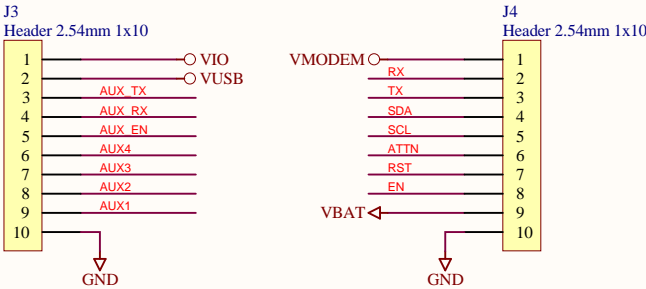




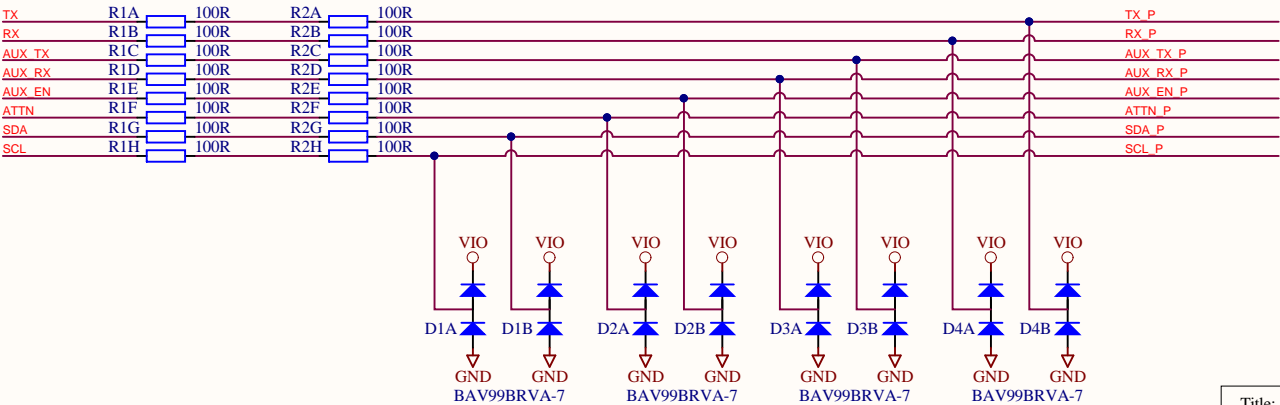
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Company: Byte Lab Grupa d.o.o.		Medarska 69/1, 10000 Zagreb, Croatia www.byte-lab.com
Author: M. Hamin		Acceptor: M. Marsic
Sheet 2 of 5		Rev: 10      Format: A4



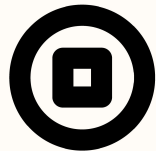
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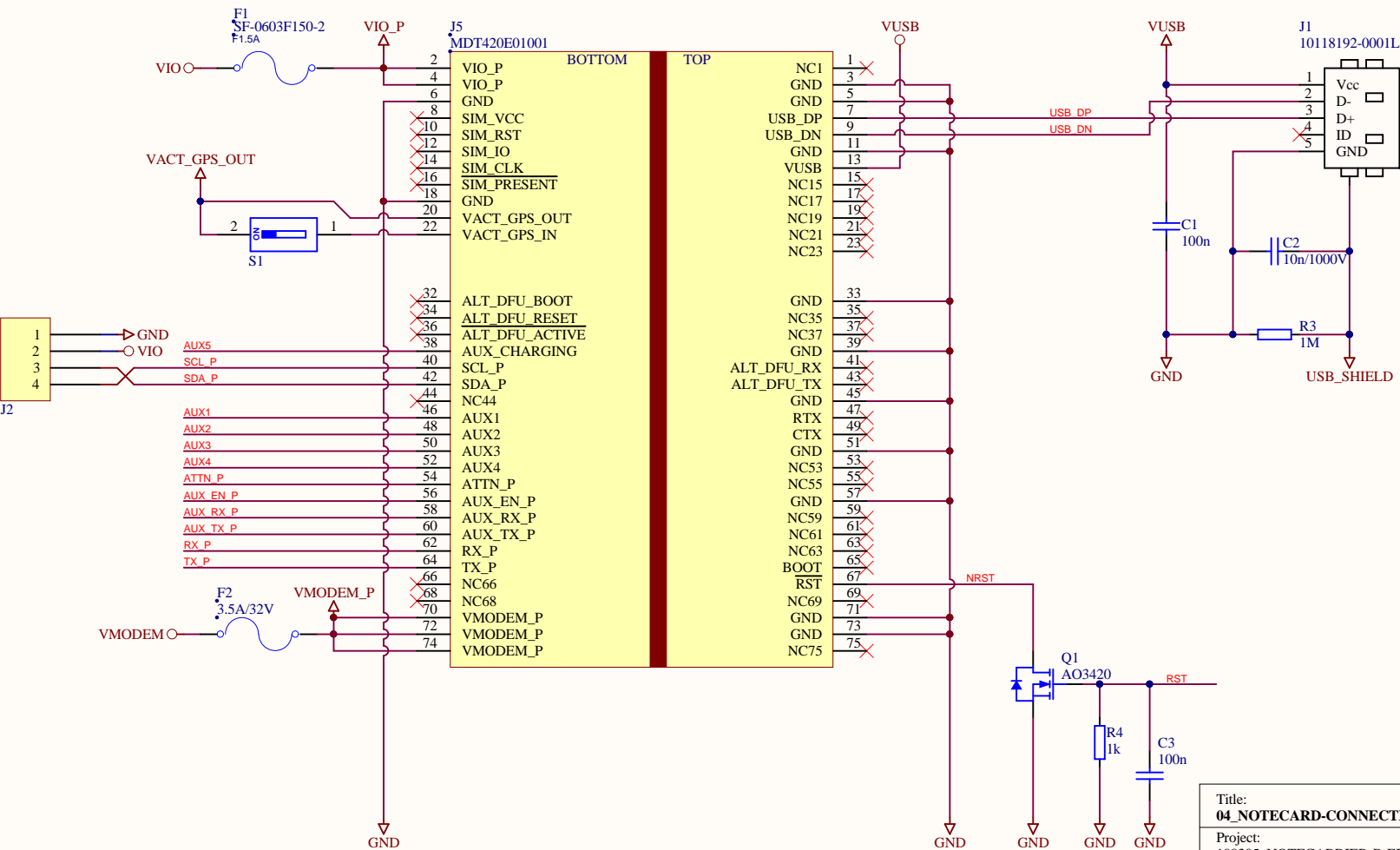
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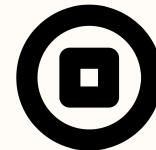
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Company: Byte Lab Grupa d.o.o.		Medarska 69/1, 10000 Zagreb, Croatia www.byte-lab.com
Author: M. Hamin	Acceptor: M. Marsic	
Sheet 3 of 5	Rev: 10	Format: A4



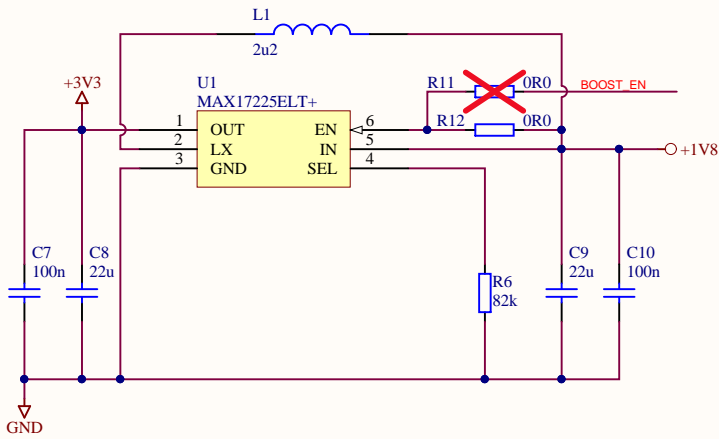
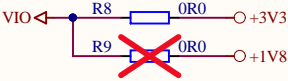
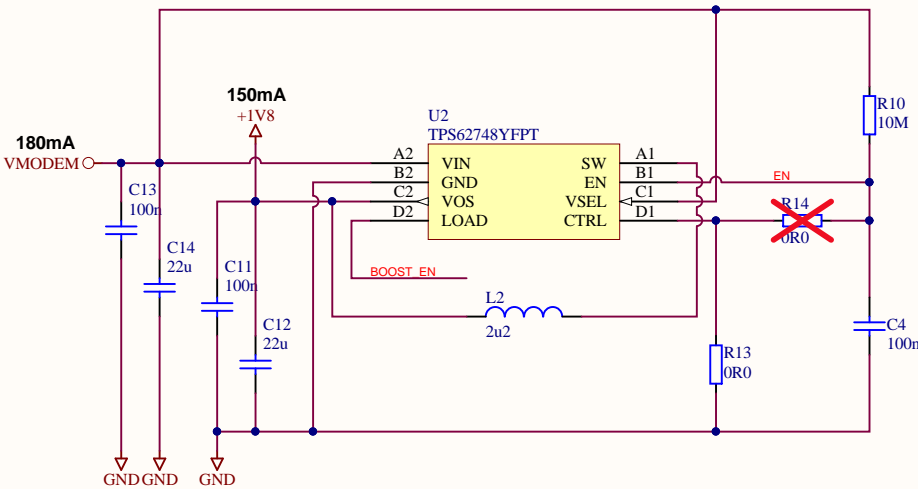
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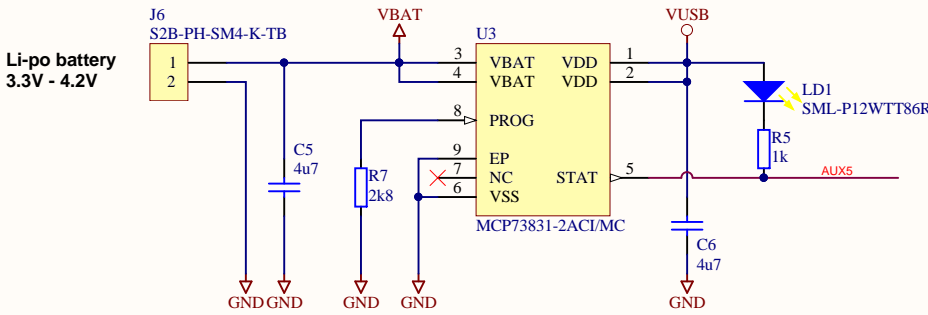
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Company: Byte Lab Grupa d.o.o.		Medarska 69/1, 10000 Zagreb, Croatia www.byte-lab.com	
Author:	M. Hamin	Acceptor:	M. Marsic
Sheet 4 of 5		Rev: 10	Format: A4



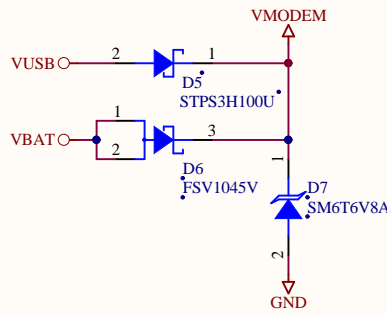
+3V3/+1V8 Power Rails



Battery Charger

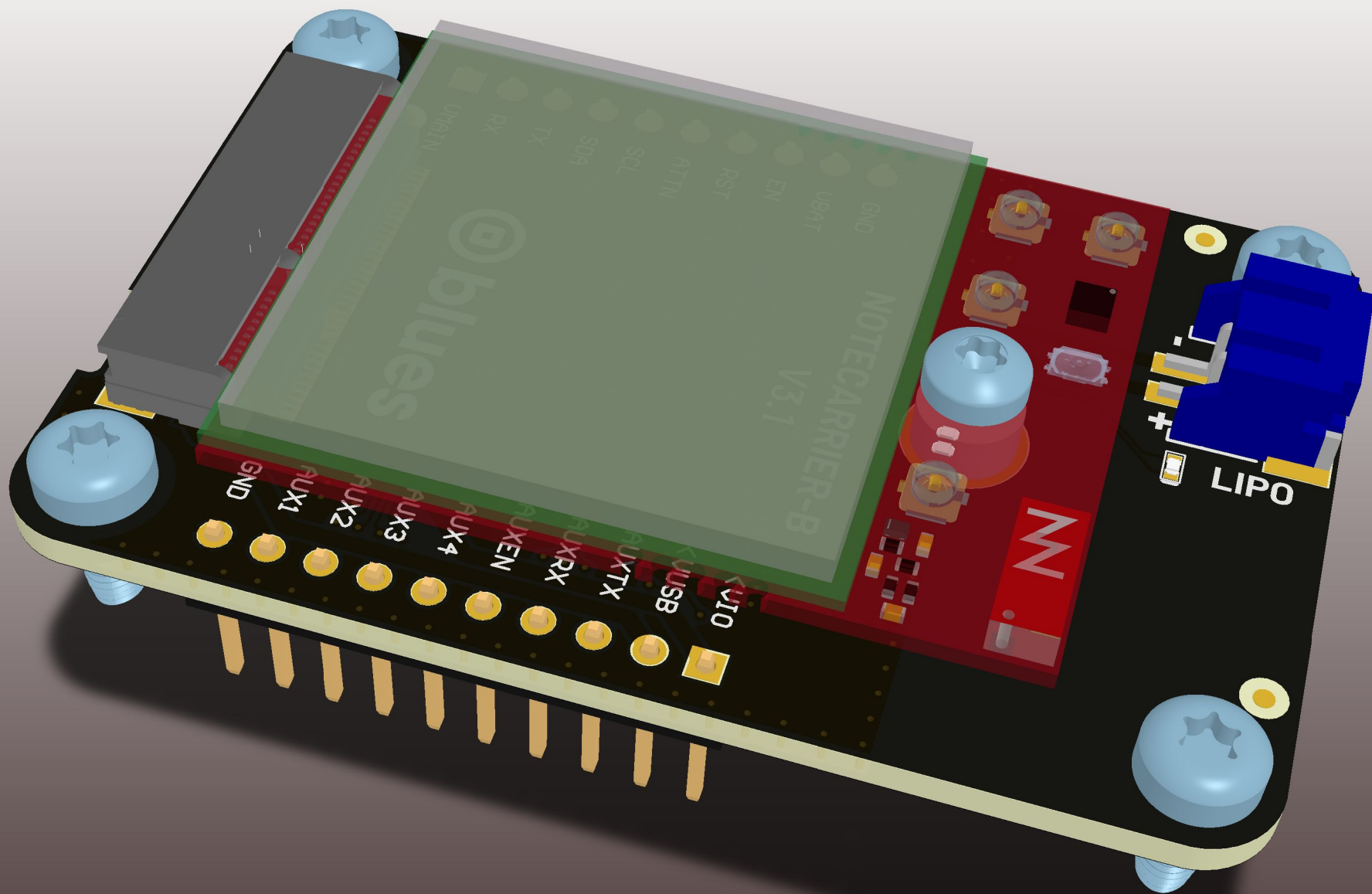


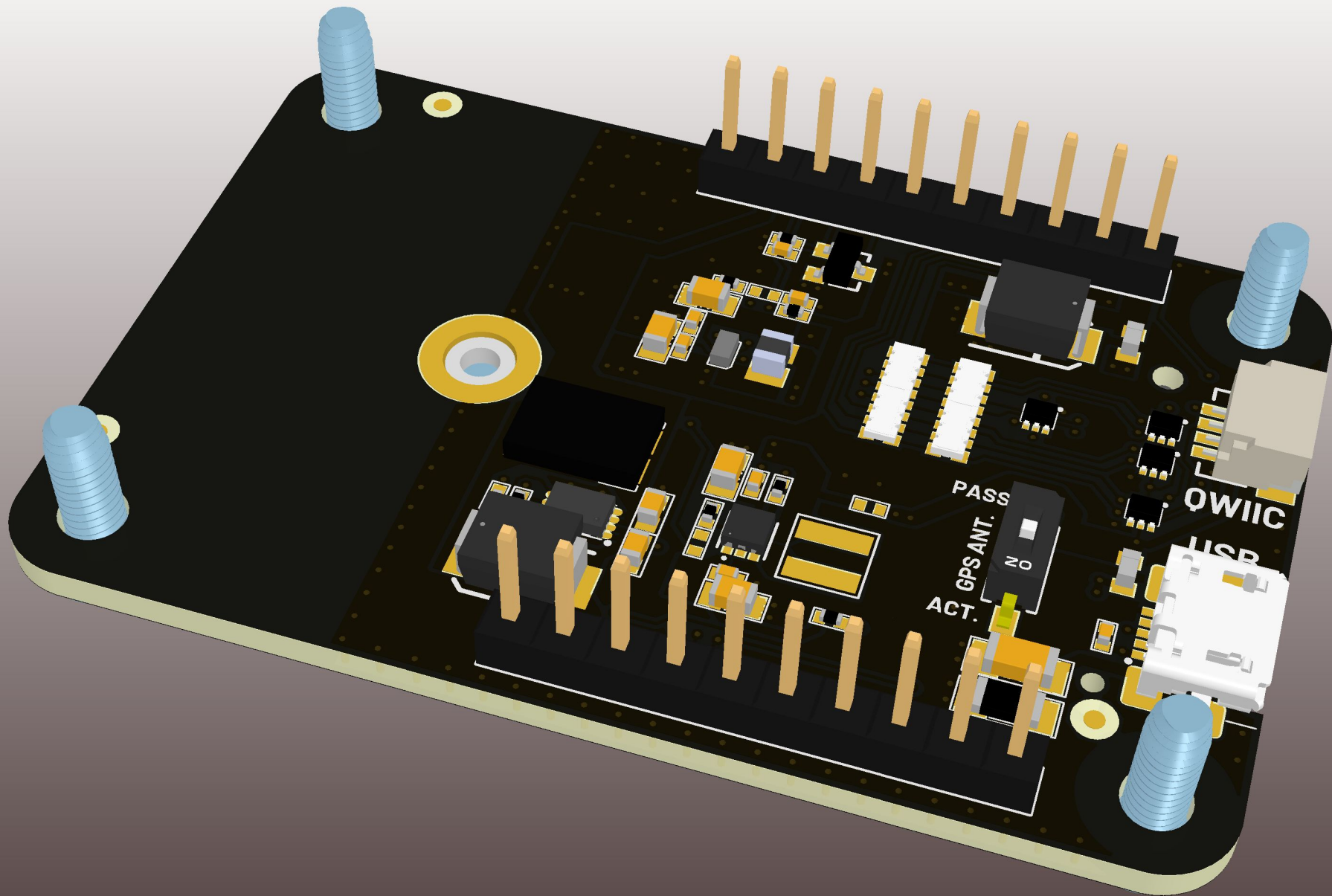
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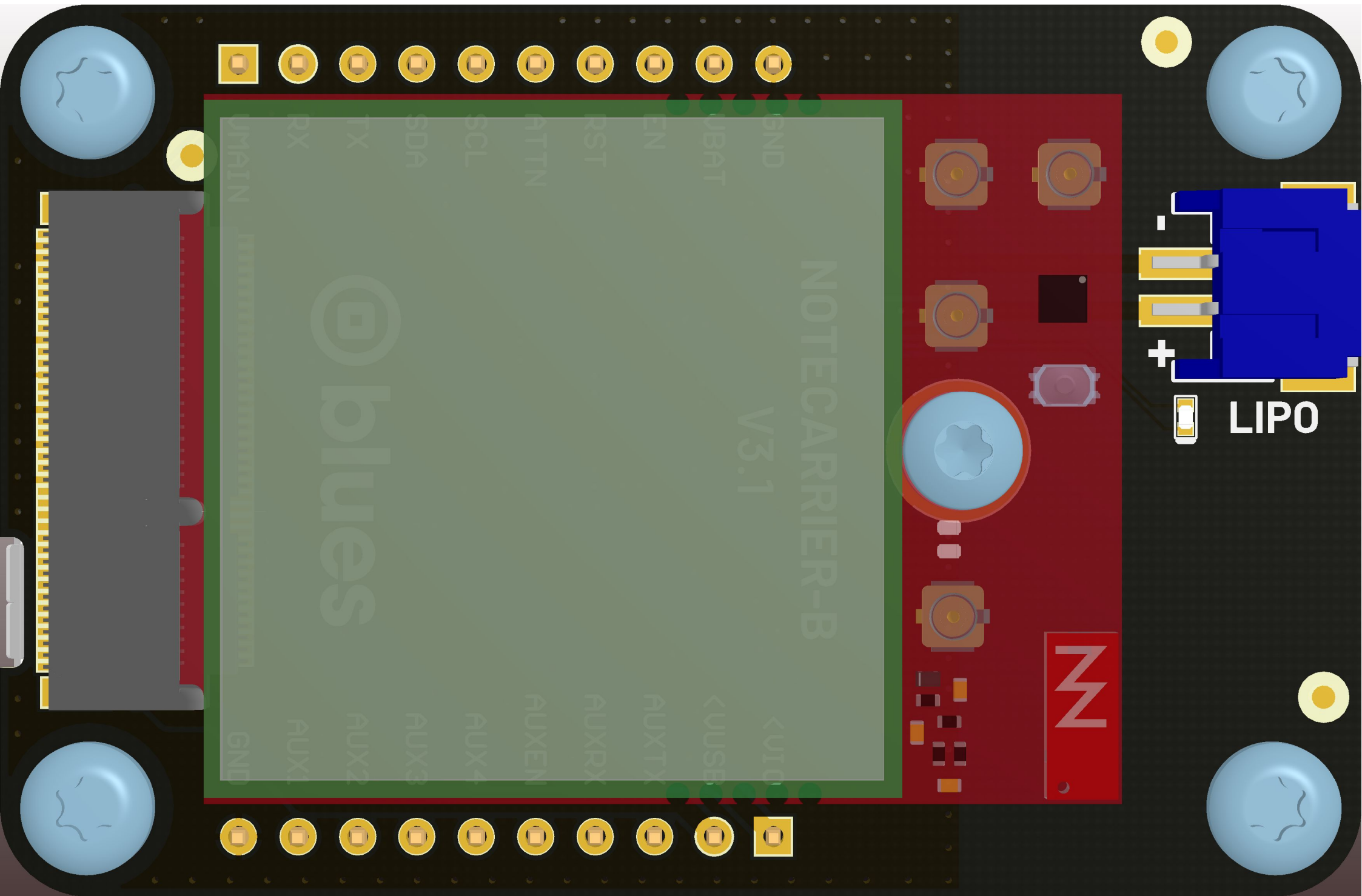


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Company: Byte Lab Grupa d.o.o.		Medarska 69/1, 10000 Zagreb, Croatia www.byte-lab.com	
Author:	M. Hamin	Acceptor:	M. Marsic
Sheet 5 of 5		Rev: 10	Format: A4

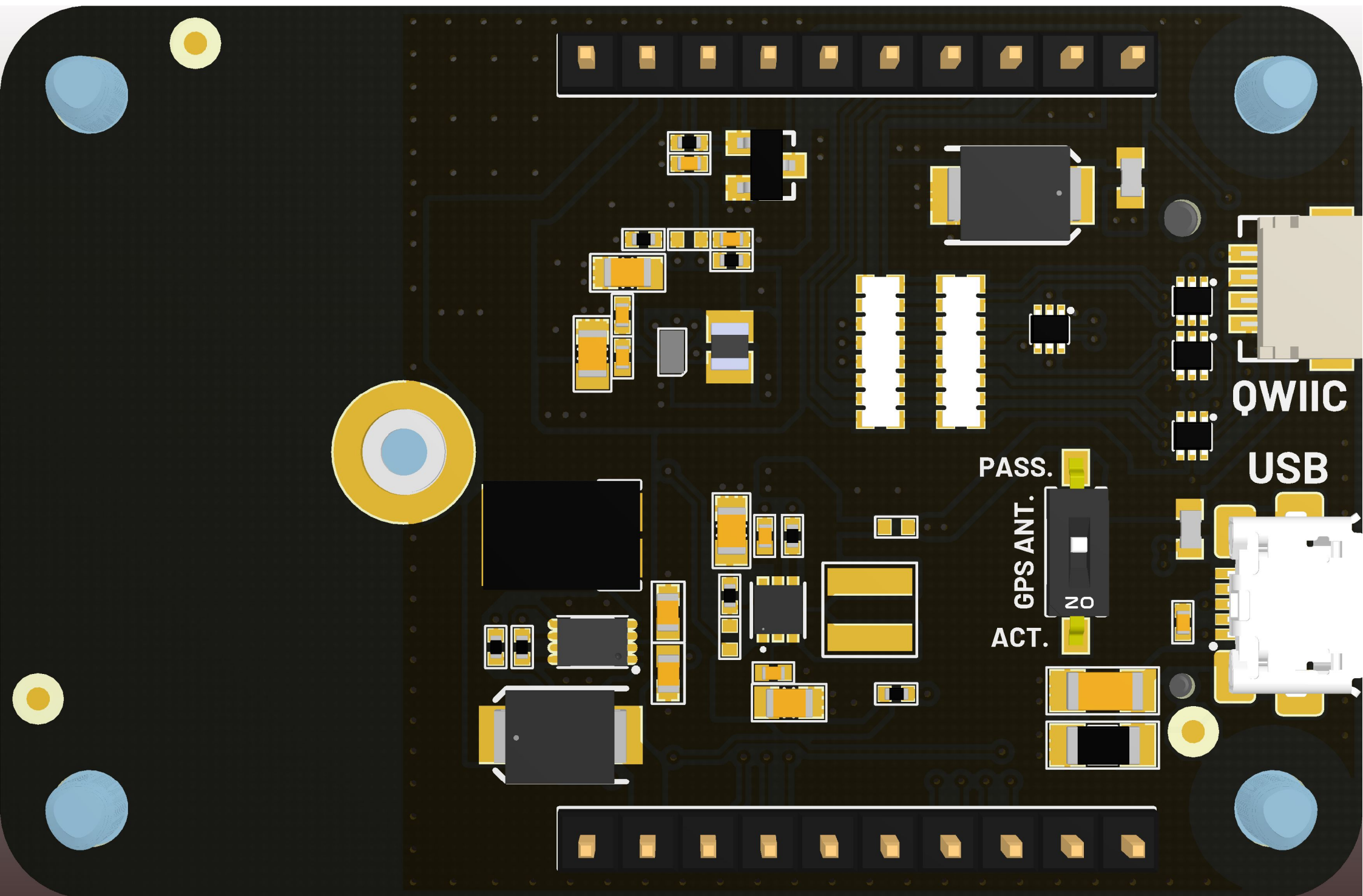












QWIC

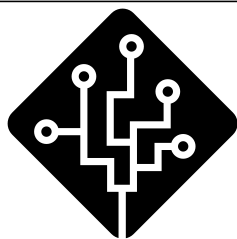
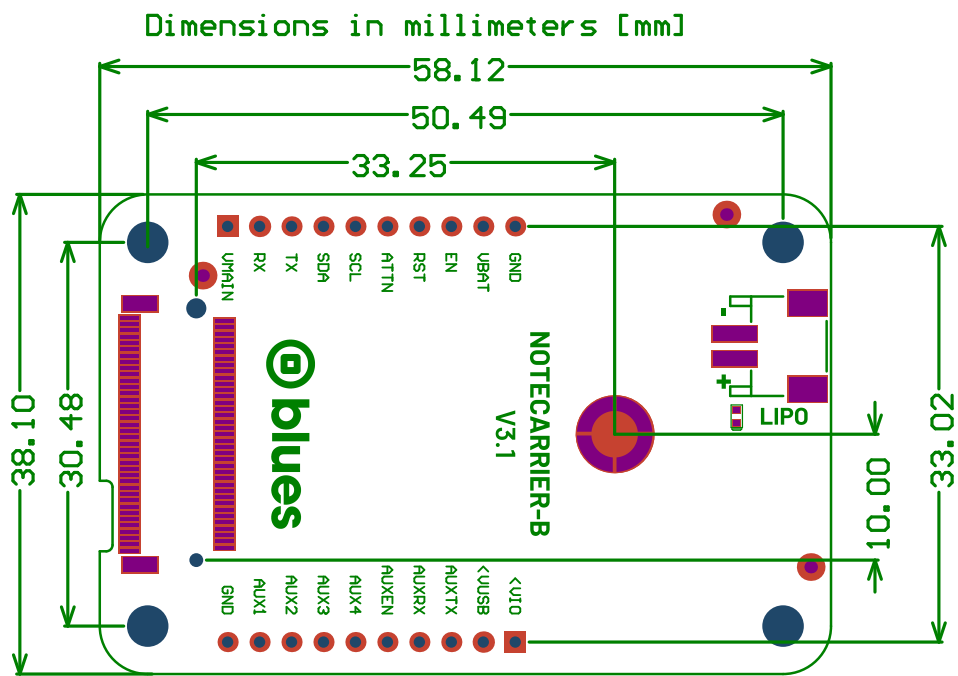
USB

PASS.

GPS ANT.

20

ACT.



Byte Lab Grupa d.o.o.  
Medarska 69/1  
10000 Zagreb  
Croatia

	SIGNATURE	TITLE:
AUTHOR:	M. Hamin	
ACCEPTOR:	J. Puskar	
DESIGN DOCUMENT NAME:		100305 Notecarrier-B-Extended Rev. 12
		FORMAT: A4