

Module name

Notecarrier-XM

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01	Cover
02	Block Diagram
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05	Power

Design considerations

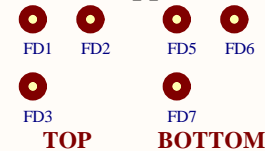
SOFTWARE CONFIG NOTE:

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

DESIGN NOTE:

- Hardware notes

Board support



PCB1

PCB

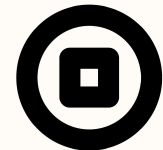
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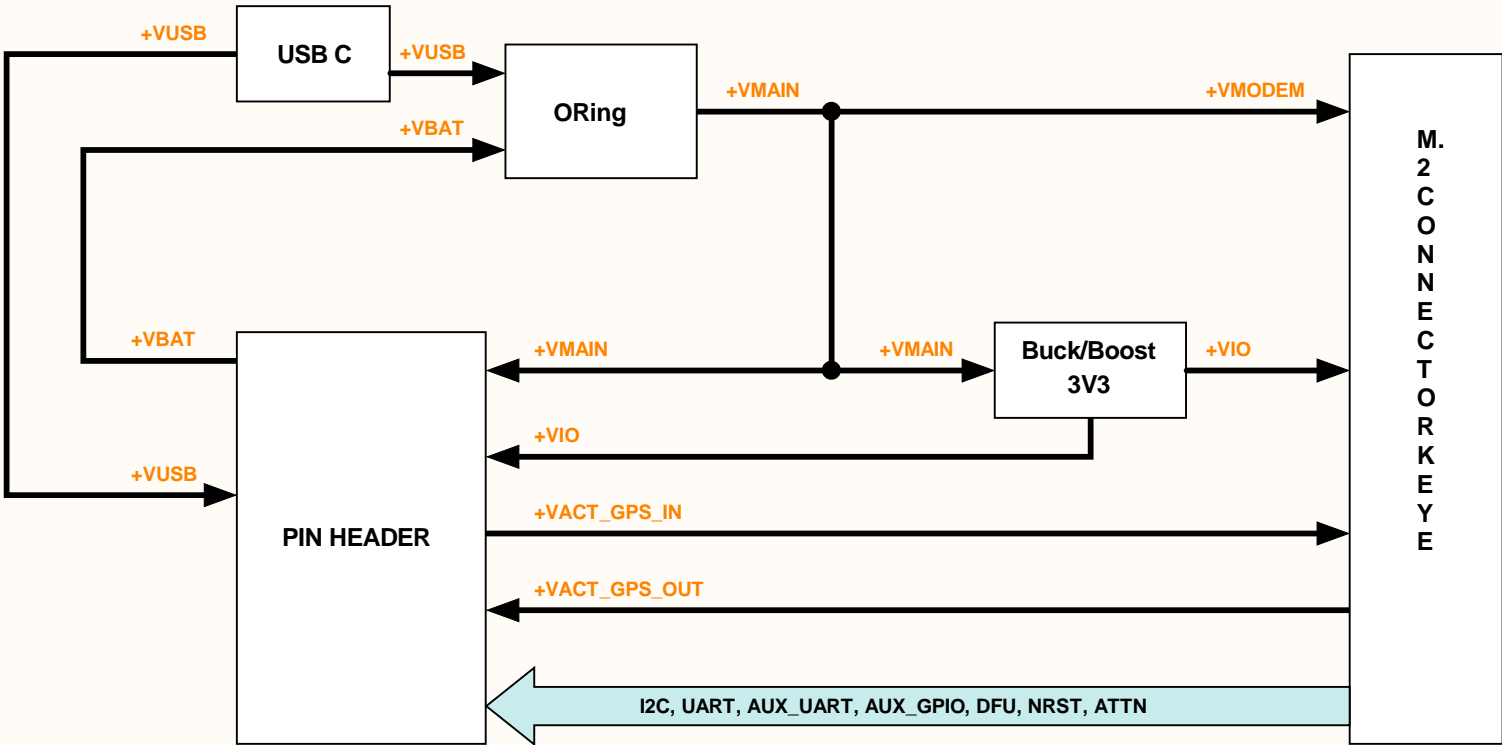
DOC1

HW-E

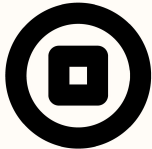
100378

Title: 01_COVER.SchDoc			
Project: 100378_notecarrier-xm.PrjPCB			
Company: Byte Lab Grupa d.o.o.		Medarska 69/1, 10000 Zagreb, Croatia www.byte-lab.com	
Author: M. Marsic		Acceptor: J. Wiedey	
Sheet 1 of 5		Rev: 11	Format: A4

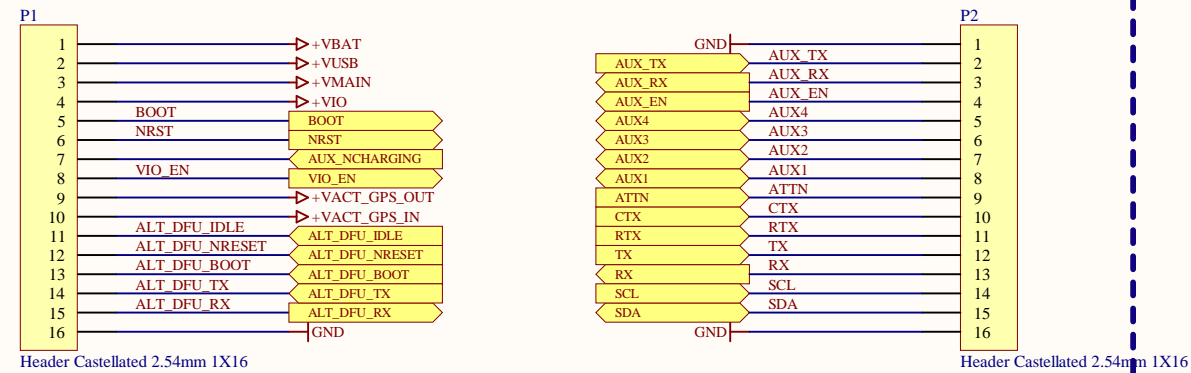




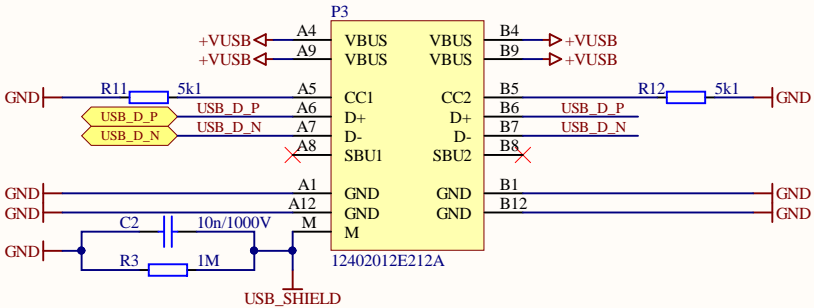
Title: 02_BLOCK-DIAGRAM.SchDoc			
Project: 100378_notecarrier-xm.PrjPCB			
Company: Byte Lab Grupa d.o.o.		Medarska 69/1, 10000 Zagreb, Croatia www.byte-lab.com	
Author:	M. Marsic	Acceptor:	J. Wiedey
Sheet 2 of 5		Rev: 11	Format: A4



I/O Pin Headers & Castellations



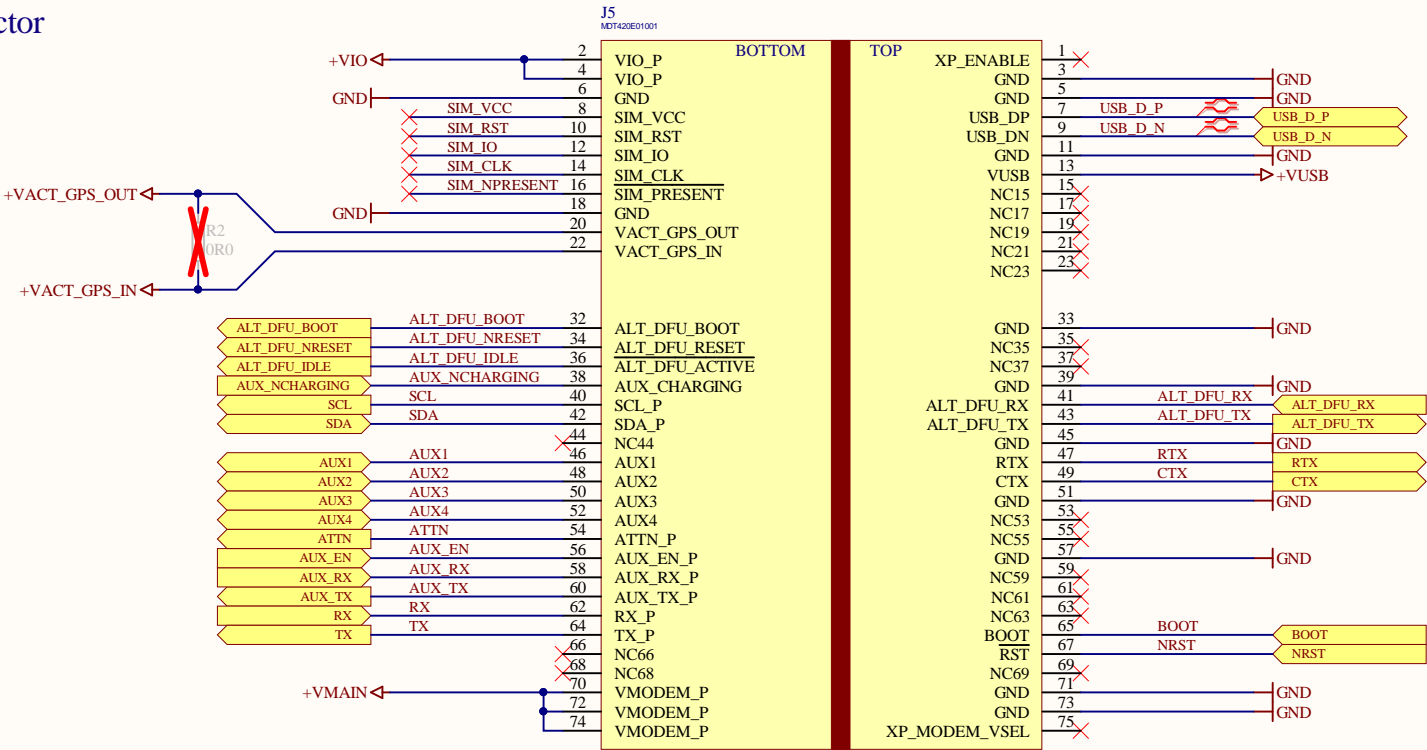
USB C Connector



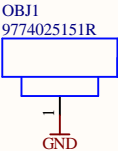
Title: 03_IO-CONNECTION.SchDoc		
Project: 100378_notecarrier-xm.PrjPCB		
Company: Byte Lab Grupa d.o.o.		Medarska 69/1, 10000 Zagreb, Croatia www.byte-lab.com
Author: M. Marsic	Acceptor: J. Wiedey	
Sheet 3 of 5	Rev: 11	Format: A4



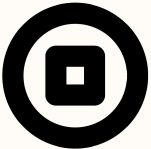
Notecard Connector



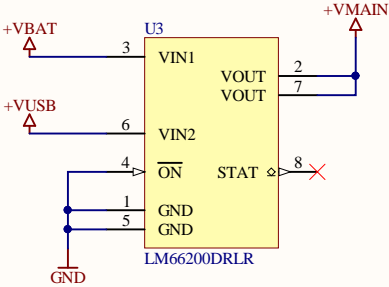
Notecard Support



Title: 04_NOTECARD-CONNECTION.SchDoc		
Project: 100378_notecarrier-xm.PrjPCB		
Company: Byte Lab Grupa d.o.o.		Medarska 69/1, 10000 Zagreb, Croatia www.byte-lab.com
Author: M. Marsic	Acceptor: J. Wiedey	
Sheet 4 of 5	Rev: 11	Format: A4

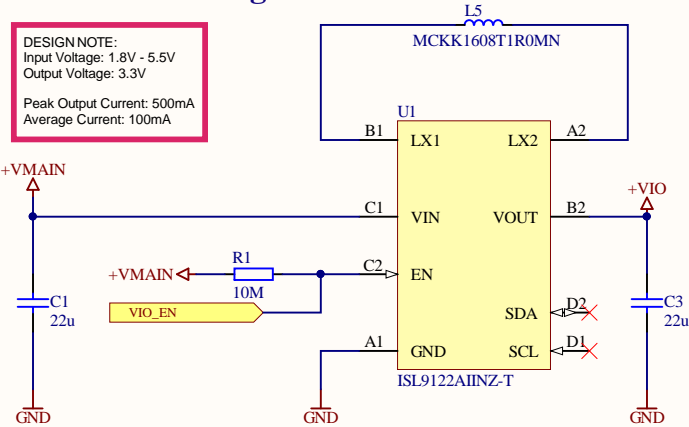


VBUS ORing



3V3 Buck/Boost Regulator

DESIGN NOTE:
Input Voltage: 1.8V - 5.5V
Output Voltage: 3.3V
Peak Output Current: 500mA
Average Current: 100mA



Title: 05_POWER.SchDoc		
Project: 100378_notecarrier-xm.PrjPCB		
Company: Byte Lab Grupa d.o.o.		Medarska 69/1, 10000 Zagreb, Croatia www.byte-lab.com
Author:	M. Marsic	Acceptor: J. Wiedey
Sheet 5 of 5		Rev: 11 Format: A4



A

A

B

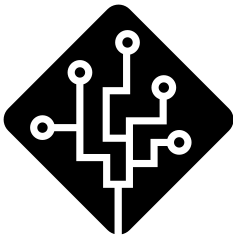
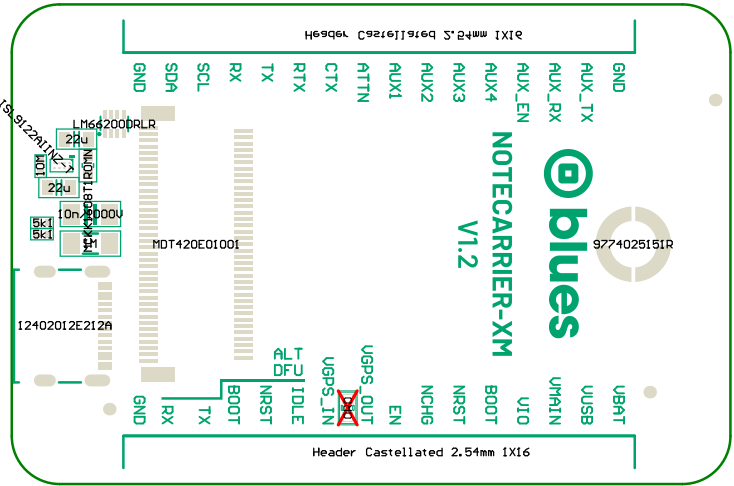
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C

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D

D



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Croatia

	SIGNATURE	TITLE: Assembly drawing comments - TOP
AUTHOR:	M. Marsic	
ACCEPTOR:	J. Wiedey	
		BOM NO.: 3000-793-001
DESIGN DOCUMENT NAME: 100378 Notecarrier-XM Rev. 11		FORMAT: A4

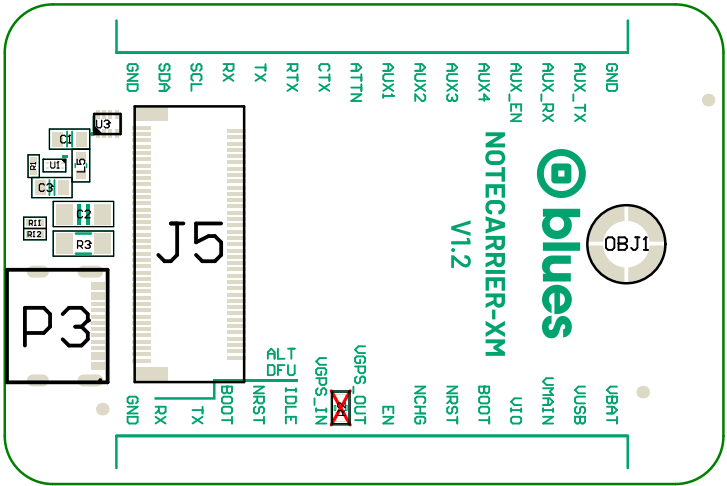
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A

A

B

B

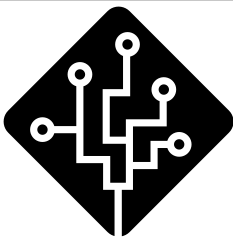


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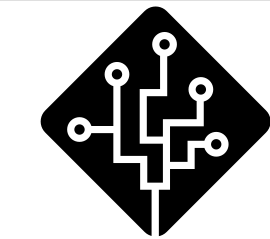
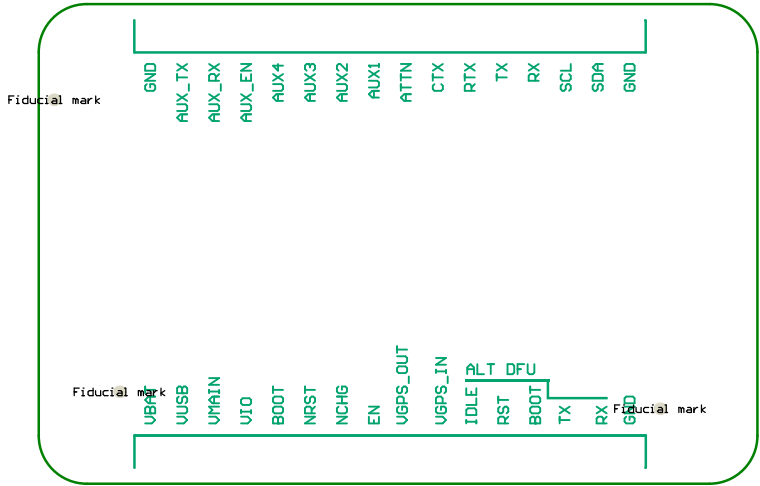
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D



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AUTHOR:	M. Marsic	
ACCEPTOR:	J. Wiedey	
		BOM NO.: <div>3000-793-001</div>
DESIGN DOCUMENT NAME: <div>100378 Notecarrier-XM Rev. 11</div>		FORMAT: <div>A4</div>



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	SIGNATURE	TITLE: Assembly drawing comments - BOTTOM
AUTHOR:	M. Marsic	
ACCEPTOR:	J. Wiedey	
		BOM NO.: 3000-793-001
DESIGN DOCUMENT NAME: 100378 Notecarrier-XM Rev. 11		FORMAT: A4

A

A

B

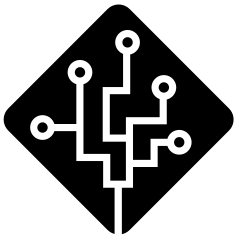
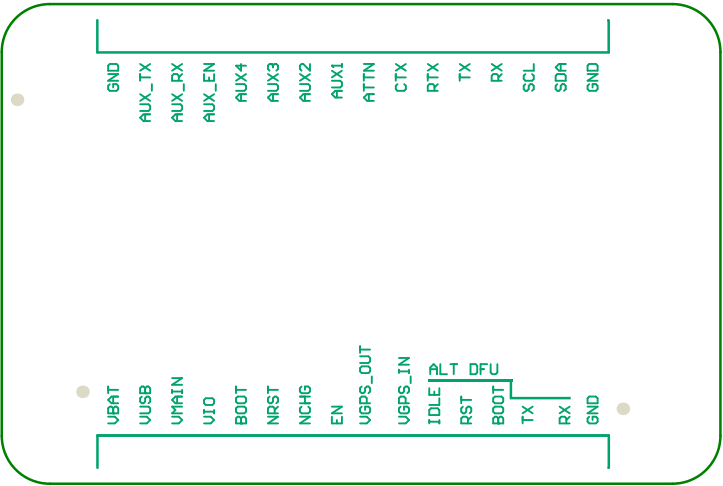
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