

Module name

Notecarrier-XM

Index	Description
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01 Cover

02 Block Diagram

03 IO Connectors

04 Notecard Connector

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
2200-917

DOC1
HW-E
100378

Title:
01_COVER.SchDoc

Project:
100378_notecarrier-xm.PrjPCB

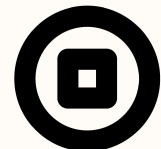
Company:	Medarska 69/1, 10000 Zagreb, Croatia
Byte Lab Grupa d.o.o.	www.byte-lab.com

Author:	M. Marsic	Acceptor:	J. Wiedey
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Sheet 1 of 5

Rev: 11

Format: A4



REVISION BLOCK

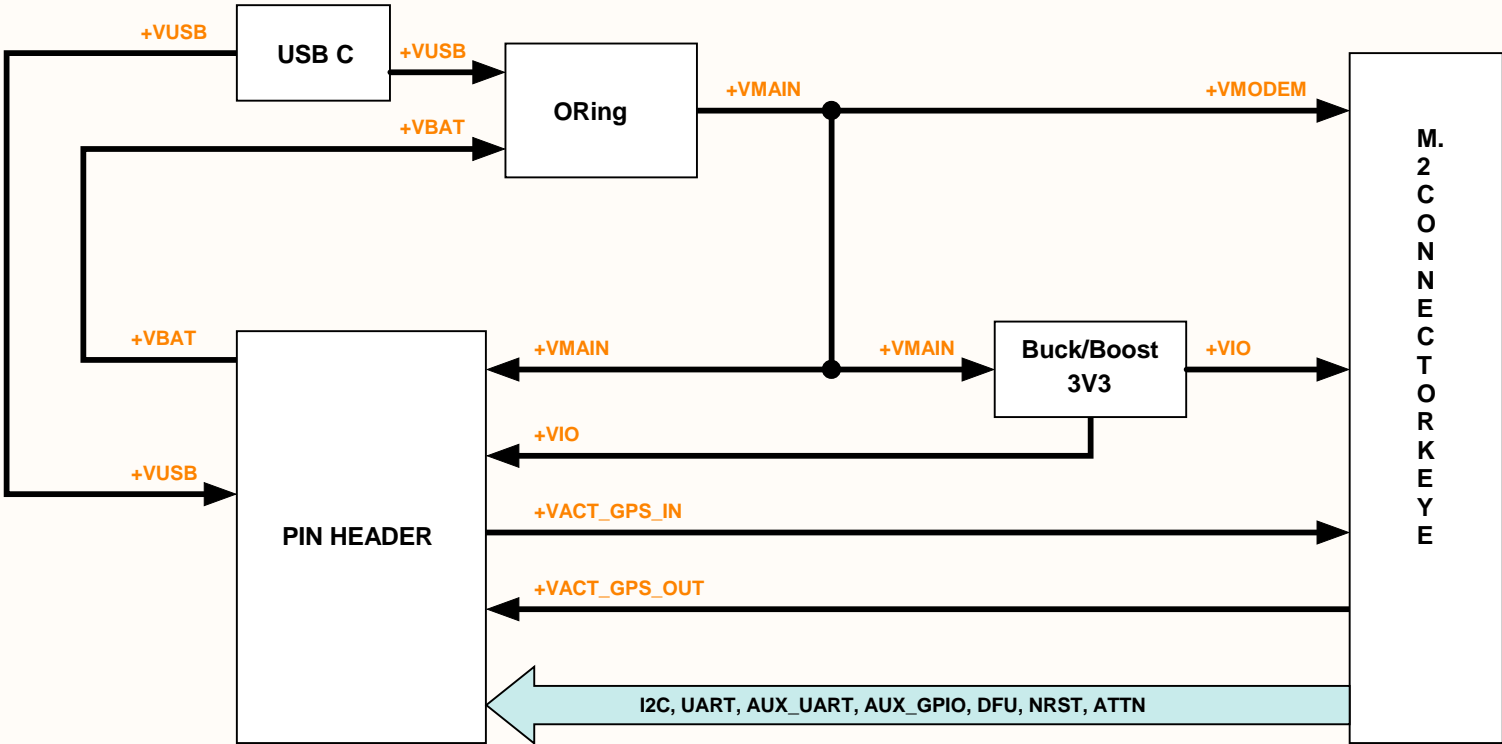
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LIST OF AVAILABLE VARIANTS

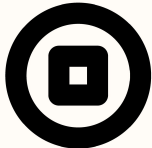
# VAR	Variant name	Description

REVISION FORMAT EXPLANATION

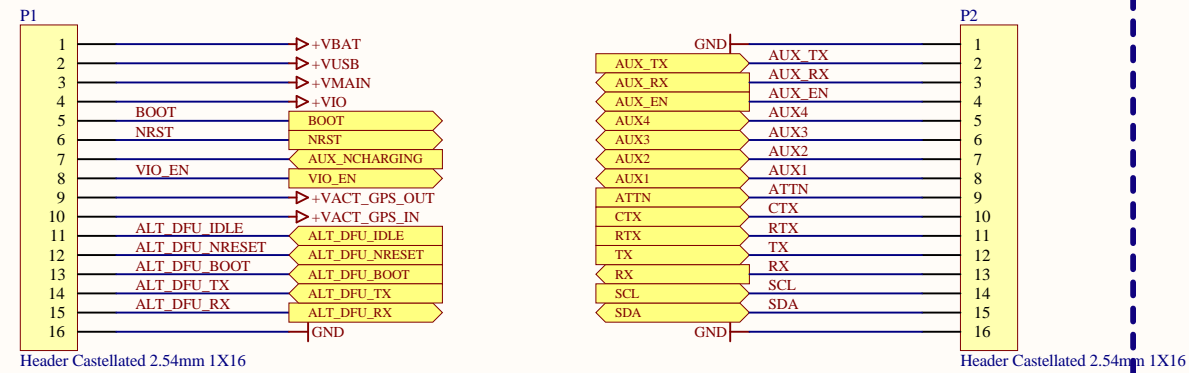
-	-	202y-mm-dd	Development phase, date only		-	
10	-	202y-mm-dd	Prototyping phase, revision numeric		3000-xxx-xxx	
-	A	202y-mm-dd	Production phase, revision alphanumeric		3000-xxx-xxx	



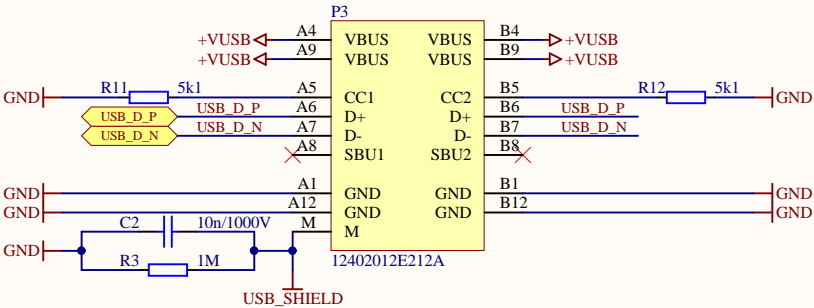
Title: 02_BLOCK-DIAGRAM.SchDoc			
Project: 100378_notecarrier-xm.PrjPCB			
Company: Byte Lab Grupa d.o.o.		Medarska 69/1, 10000 Zagreb, Croatia www.byte-lab.com	
Author:	M. Marsic	Acceptor:	J. Wiedey
Sheet 2 of 5		Rev: 11	Format: A4



I/O Pin Headers & Castellations

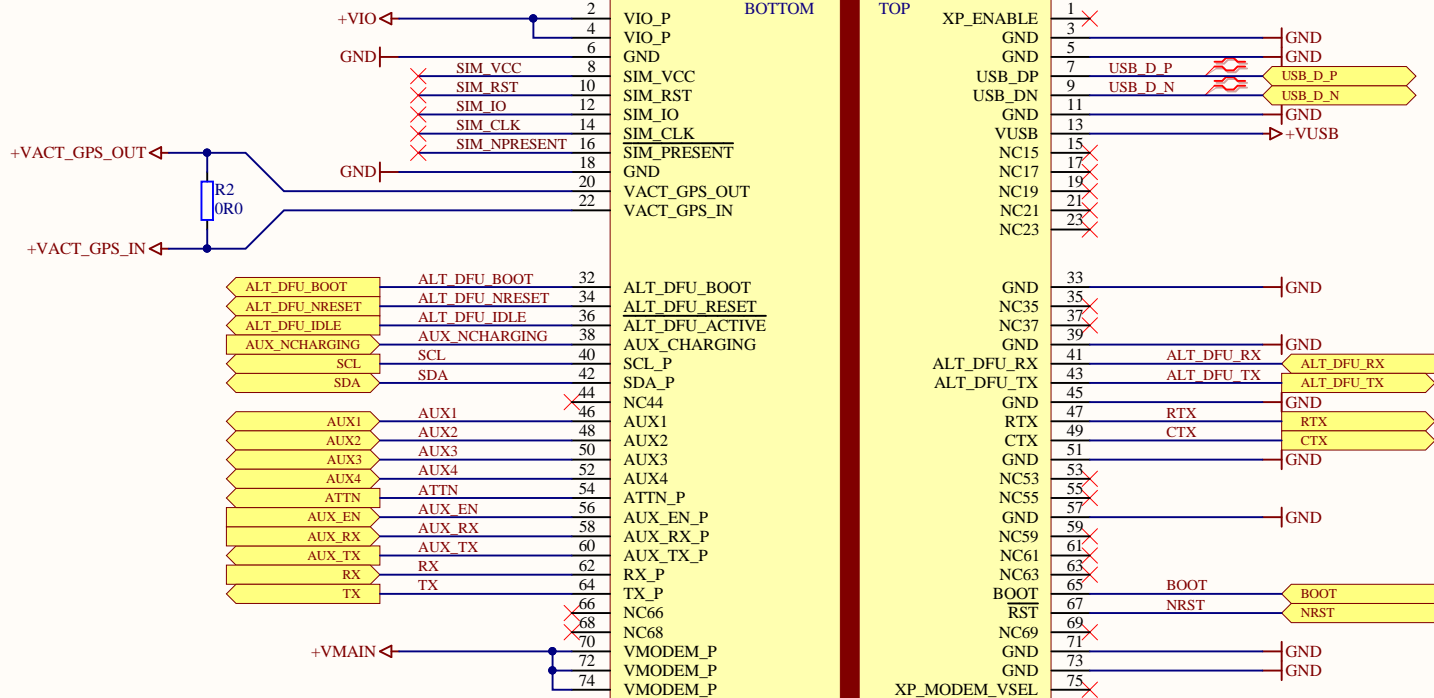


USB C Connector

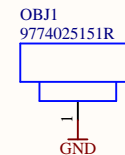


Title: 03_IO-CONNECTION.SchDoc		
Project: 100378_notecarrier-xm.PrjPCB		
Company: Byte Lab Grupa d.o.o.		Medarska 69/1, 10000 Zagreb, Croatia www.byte-lab.com
Author: M. Marsic	Acceptor: J. Wiedey	
Sheet 3 of 5	Rev: 11	Format: A4

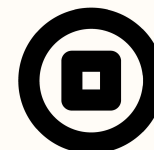




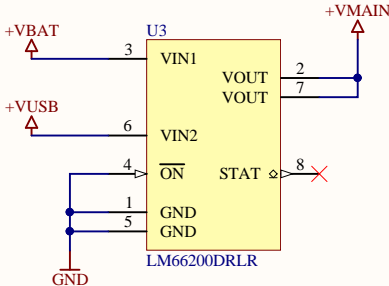
Notecard Support



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

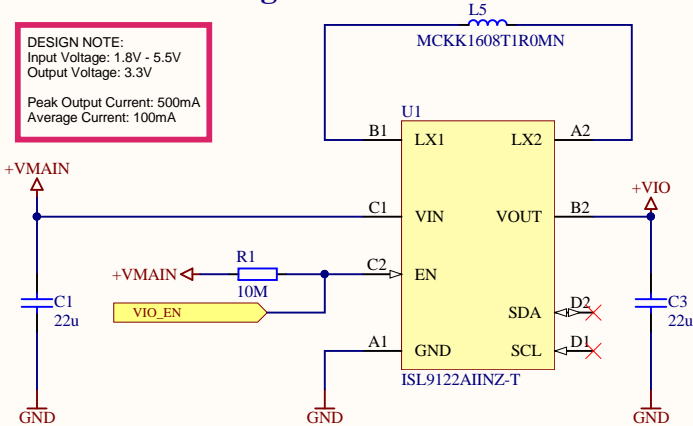


VBUS ORing



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

