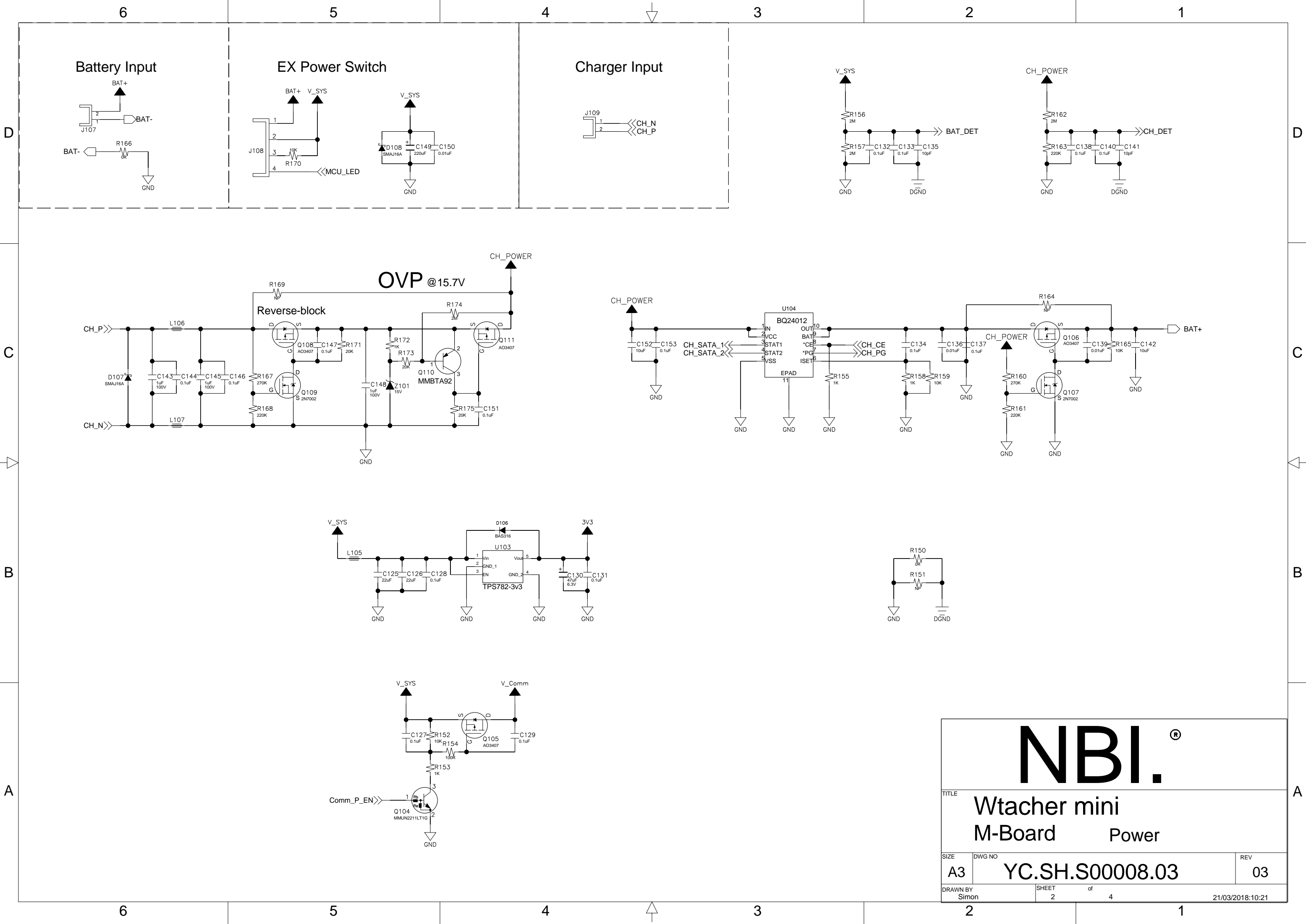


Features

- 6 RS-485 I/O ports, 12V DC output for RS-485 sensors
- Battery powered, charged by solar panel or 12V DC adapter
- Using GPRS or LoRa to transmit data
- 1 power on/off switch, 1 LED
- System contains 2 boards, Main board and Communication board

Revision history

<div>NBI.®</div>		
TITLE		
<div>Wtacher mini</div> <div>M-BoardDescription</div>		
SIZE	DWG NO	REV
A3	YC.SH.S00008.03	03
DRAWN BY Simon		SHEET 1 of 4 20/03/2018:11:03



NBI.®

TITLE

Wtacher mini
M-Board Power

SIZE

A3

DWG NO

YC.SH.S00008.03

REV

03

DRAWN BY

Simon

SHEET

2

of

4

21/03/2018:10:21

D

C

B

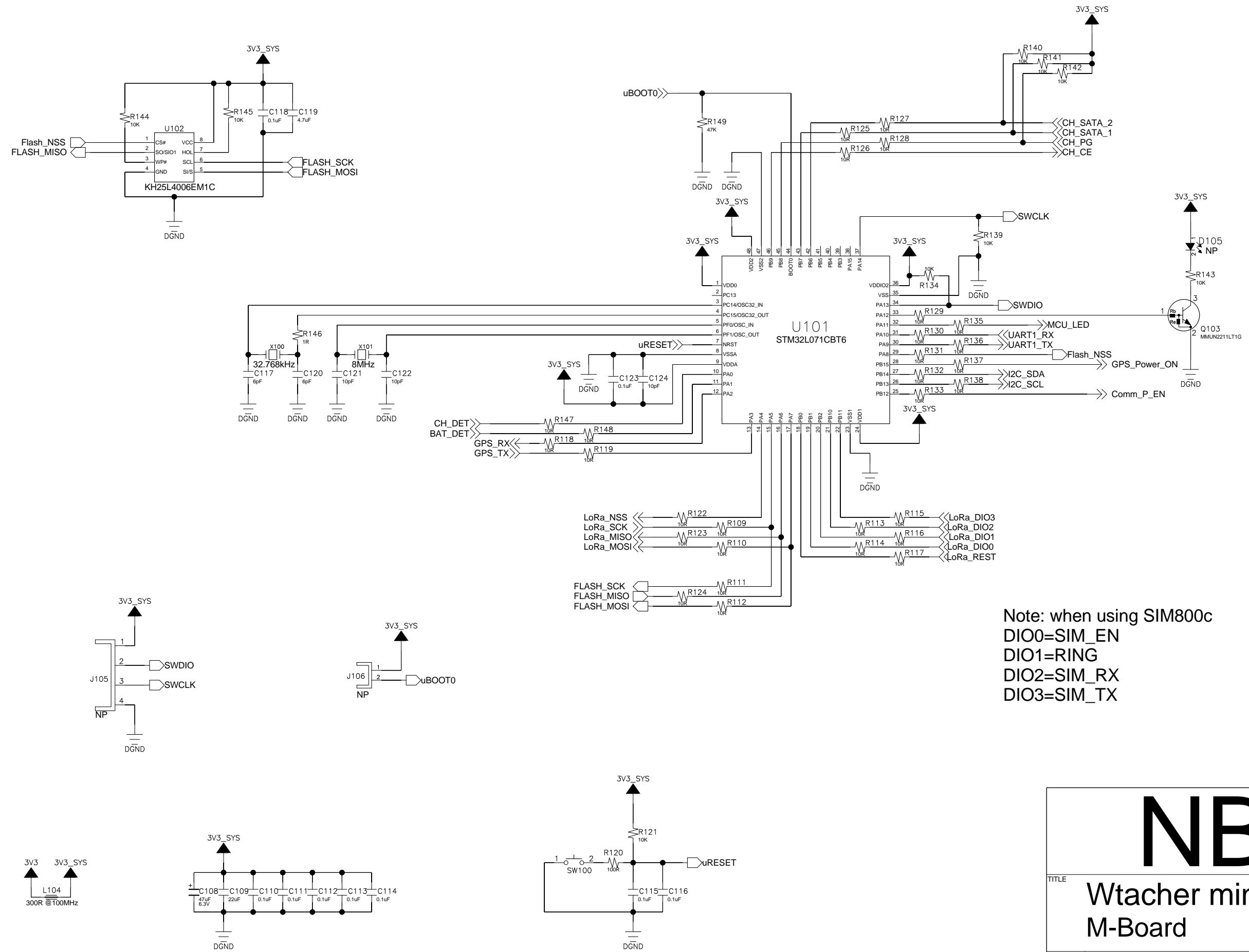
A

D

C

B

A



Note: when using SIM800c
DIO0=SIM_EN
DIO1=RING
DIO2=SIM_RX
DIO3=SIM_TX

NBI.®

TITLE

Wtacher mini
M-Board MCU

SIZE	DWG NO	REV
A3	YC.SH.S00008.03	03
DRAWN BY Simon		SHEET 3 of 4
21/03/2018:10:24		

6

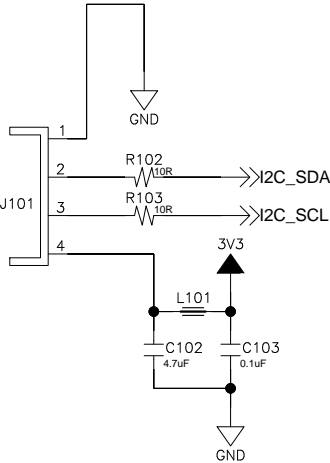
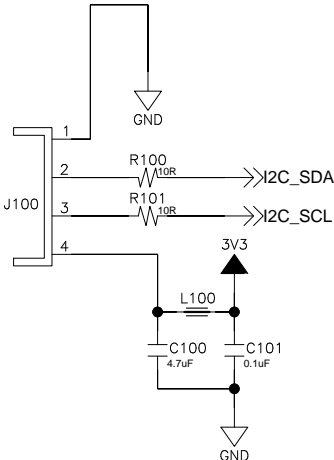
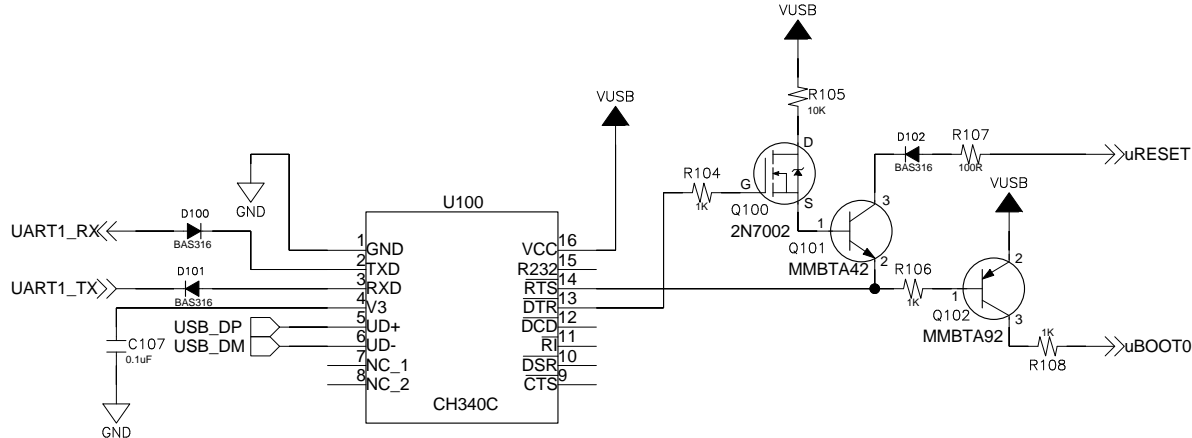
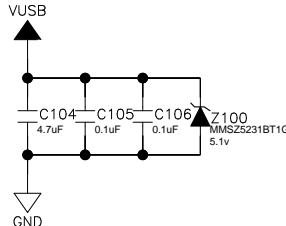
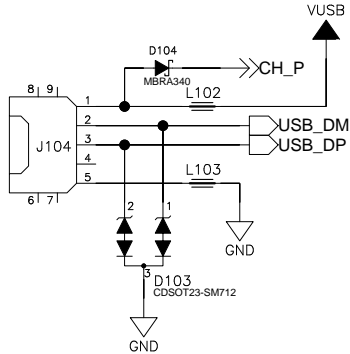
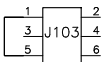
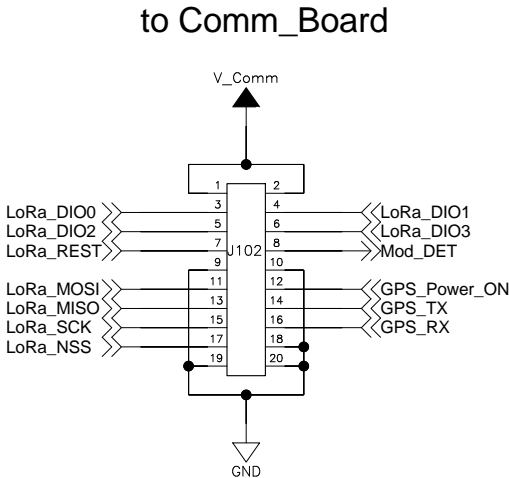
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3

2

1



NBI.®

TITLE

Wtacher mini

M-Board Connector

SIZE

A3

DWG NO

YC.SH.S00008.03

REV

03

DRAWN BY

Simon

SHEET

4

of

4

21/03/2018:10:22