STMod+ Fanout

MB1280

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Legend

General comment such as function title, configuration, ...

Text to be added to silkscreen.

Warning text.

Notes to generate the board layout.

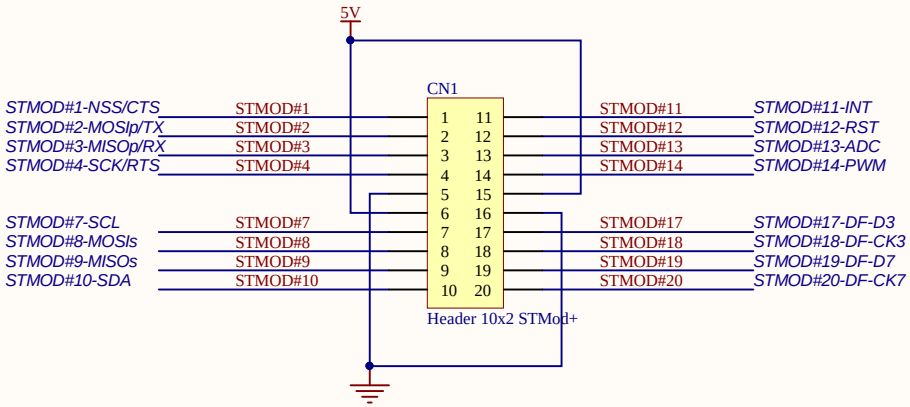
Open Platform License Agreement

U_MB1280
MB1280.SchDoc

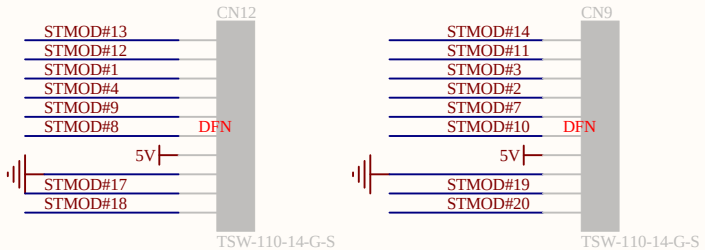
Title: **Project overview**			
Project: **STMod+ Fanout**			
Variant: 3V3			
Revision: C-01		Reference: MB1280	
Size: A4	Date: 18-SEP-2019	Sheet: 1 of 1	

life.augmented

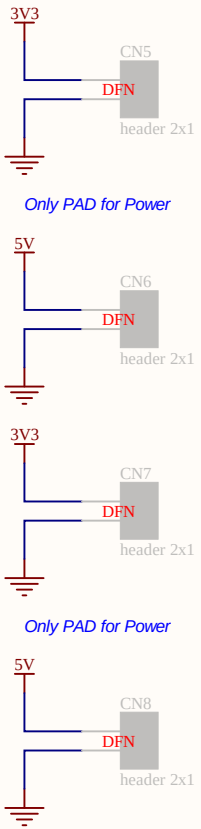
STMod+



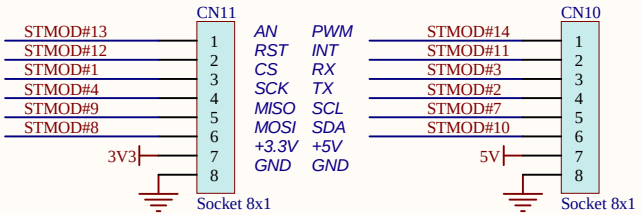
Bread board connectors

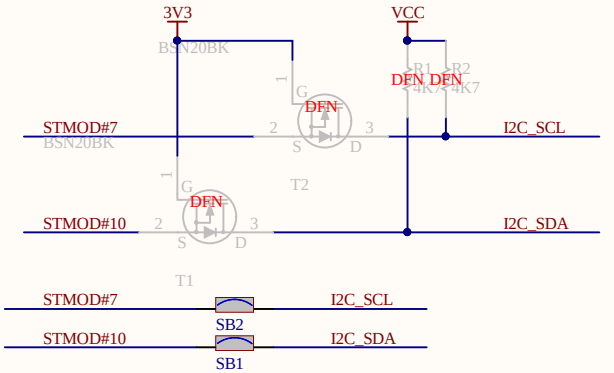


Only PAD for bread board connection

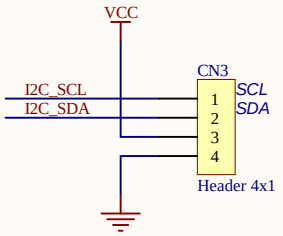


Mikrobus connectors



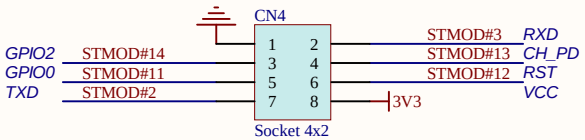


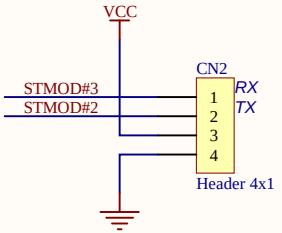
Grove connector



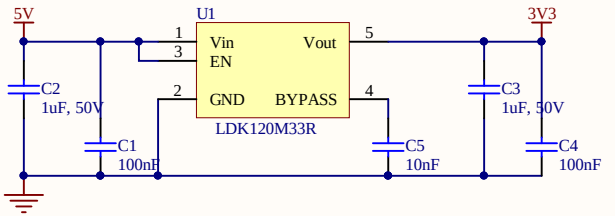
support Grove- Barometer sensor (BMP180)
support Grove- LCD RGB Backlight

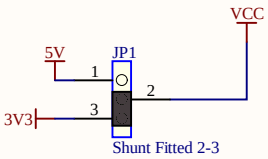
ESP-01 connector



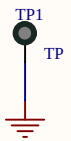


support Grove- NFC





closed pin2 and pin3 for default



HW Mechanical parts

HW1	HW2
PCB	MBxxxxy-zz syywwxxxxx
MBxxxxy	BOARD REF

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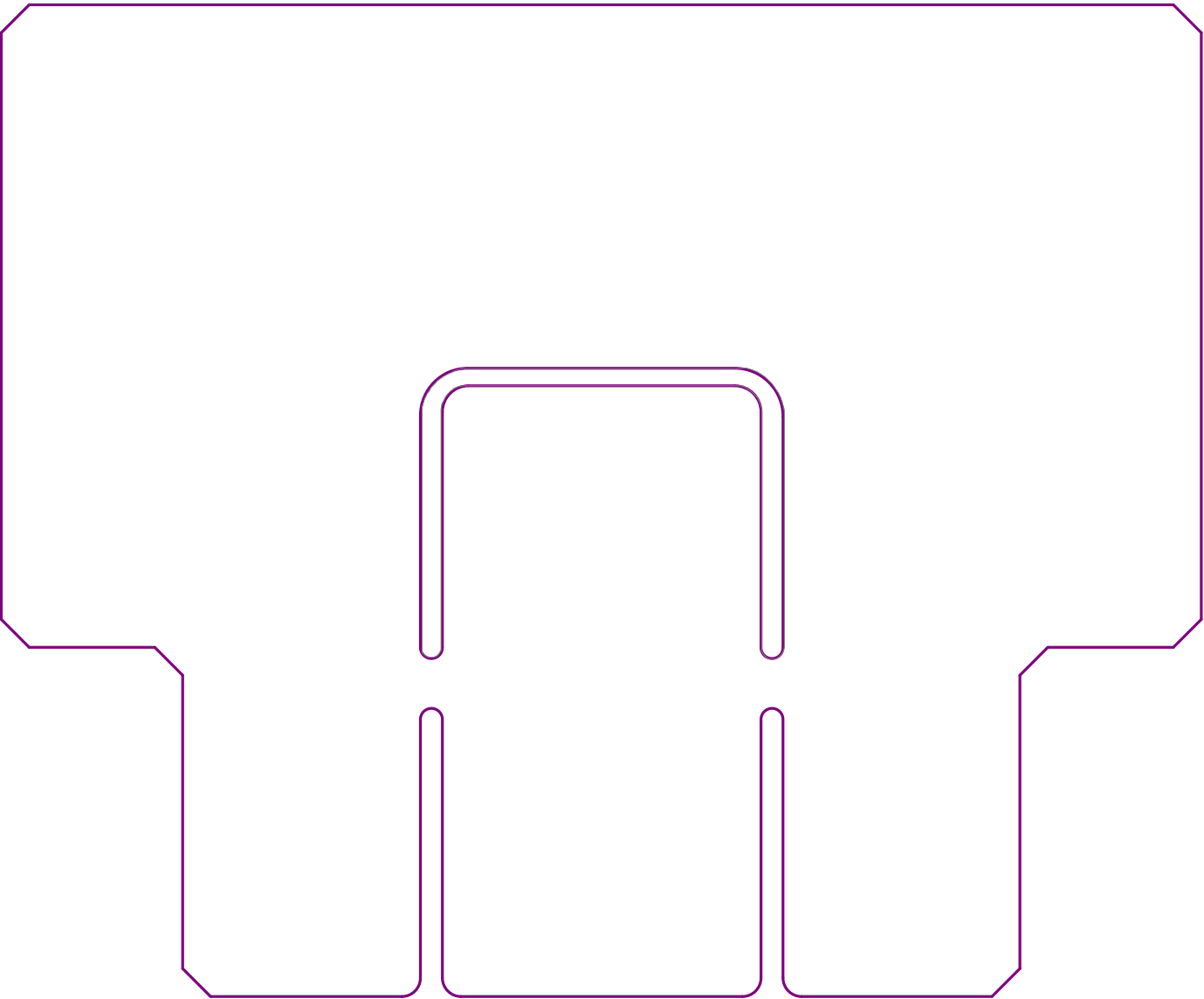
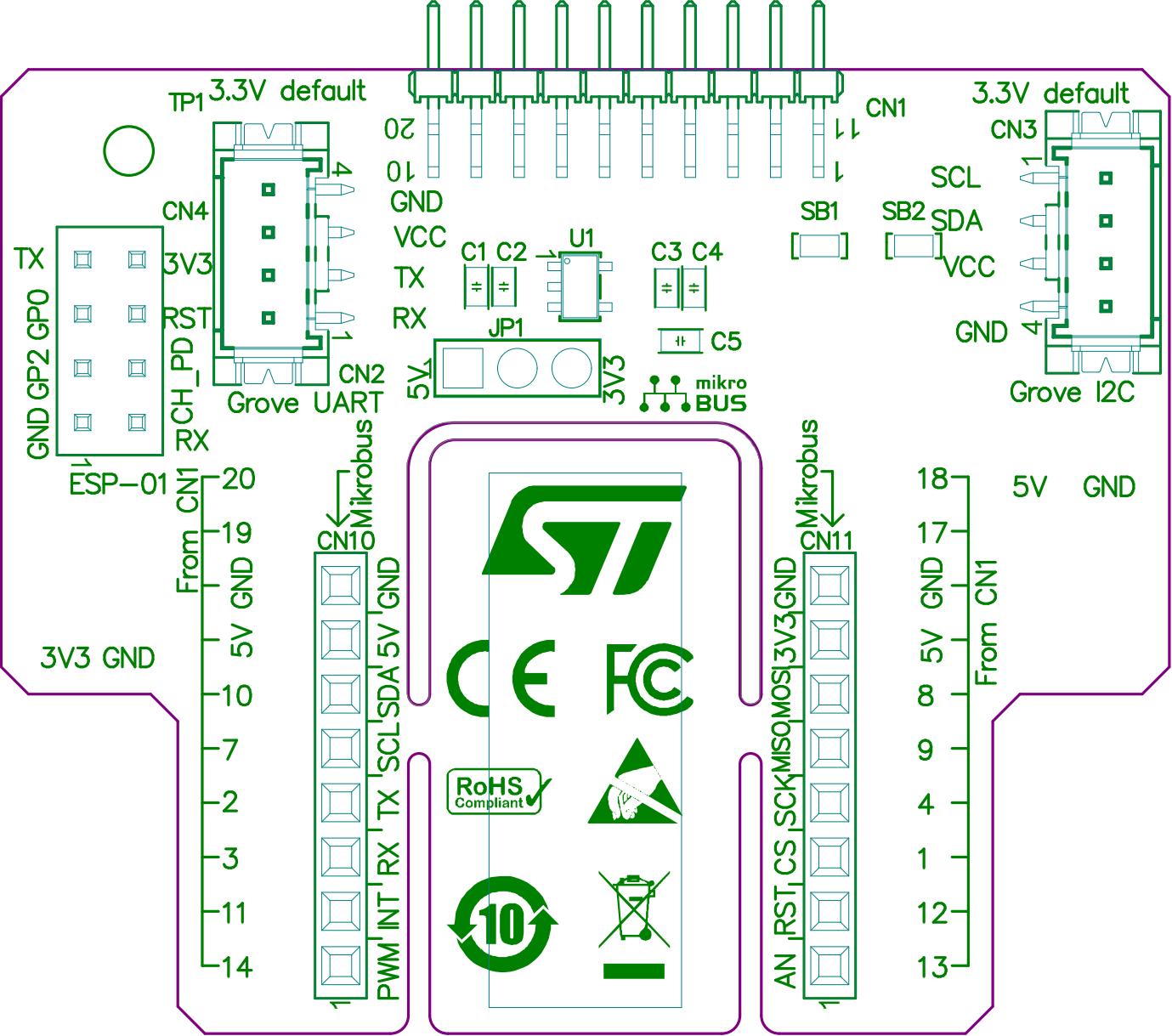
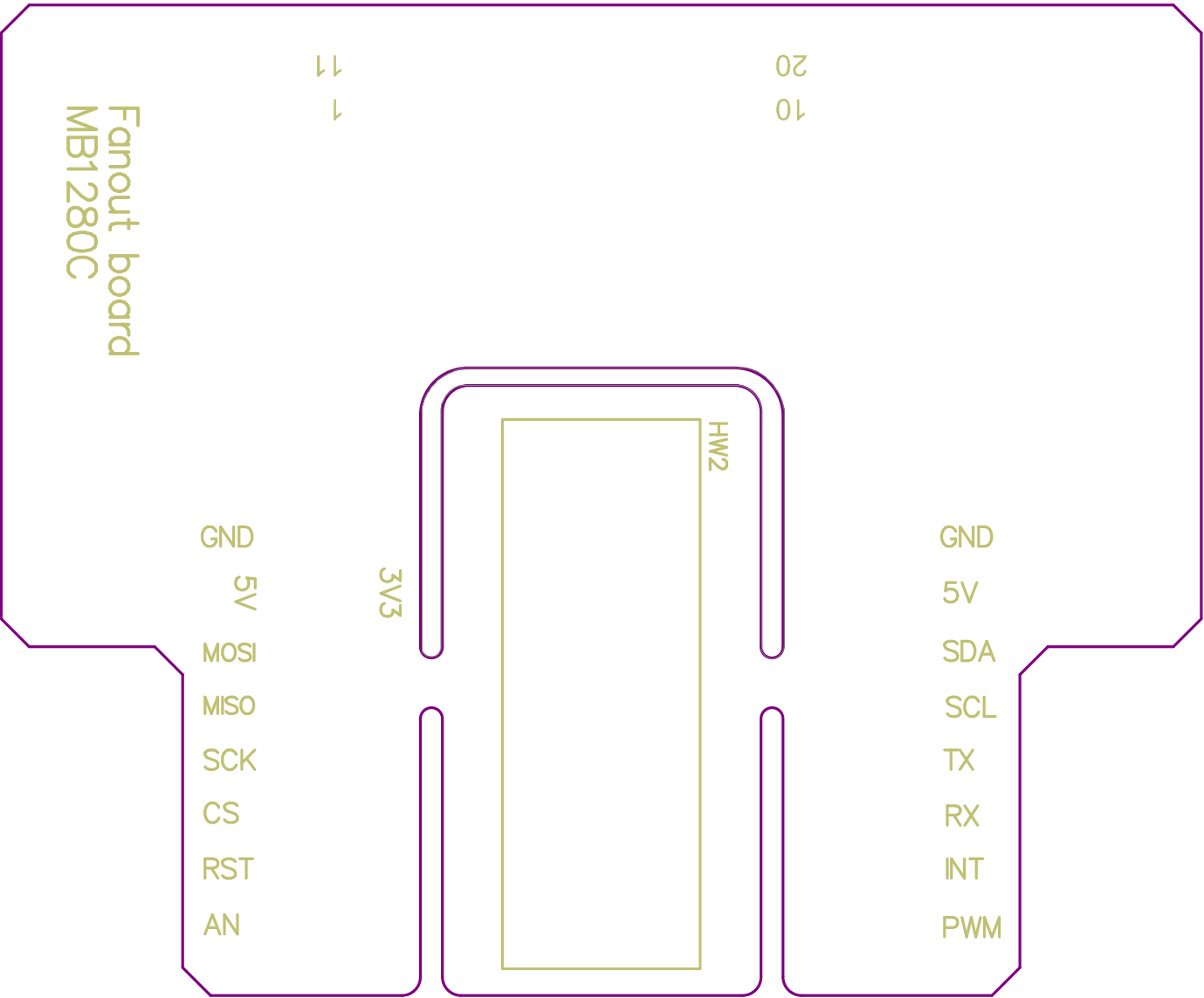
life.augmented

CN1
20
10
11
1
CN2
4
1
CN3
1
4
CN4
8
7
2
1
C1
C2
U1
C3
C4
C5
JP1
1
SB1
SB2
SW1
CN10
8
1
CN11
8
1




TP1
3.3V default
CN4
4
3V3
RST
CH_PD
RX
1
CN2
Grove UART
TX
GP2
GP0
GND
ESP-01
CN1
20
10
GND
VCC
TX
RX
C1 C2
U1
C3 C4
JP1
C5
5V
3V3
mikro BUS
CN1
SB1
SB2
SCL
SDA
VCC
GND
3.3V default
CN3
Grove I2C
From CN1
20
19
5V
GND
10
7
2
3
11
14
CN10
Mikrobus
PWM
INT
RX
TX
SCL
SDA
5V
GND
3V3
GND
CN11
Mikrobus
AN
RST
CS
SCK
MISO
MOSI
3V3
GND
18
17
5V
GND
8
9
4
1
12
13
From CN1
5V
GND
RoHS Compliant


Fanout board
MB1280C
11
1
20
10
HW2
GND
5V
MOSI
MISO
SCK
CS
RST
AN
3V3
GND
5V
SDA
SCL
TX
RX
INT
PWM