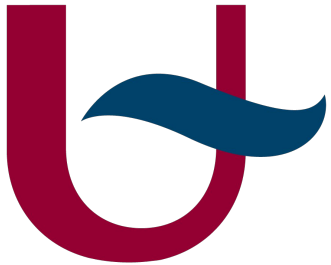


Universiteit
Antwerpen

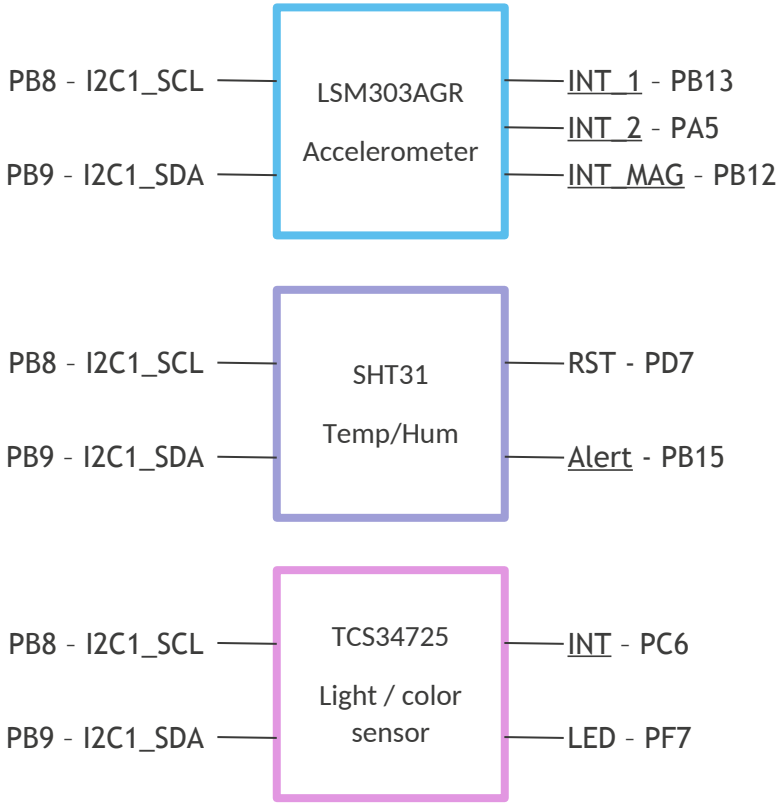
OCTA V2

FEATURES & PINOUT

SHIELD FEATURES

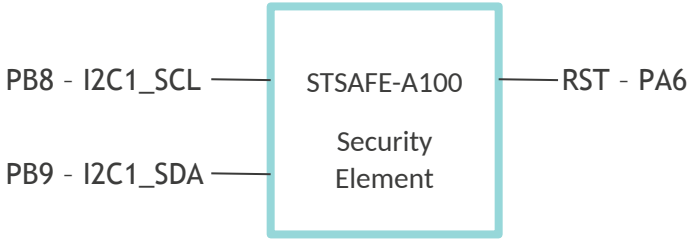
CONFIDENTIAL

SENSORS

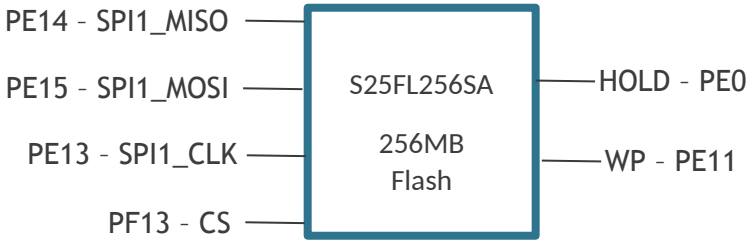


CONFIDENTIAL

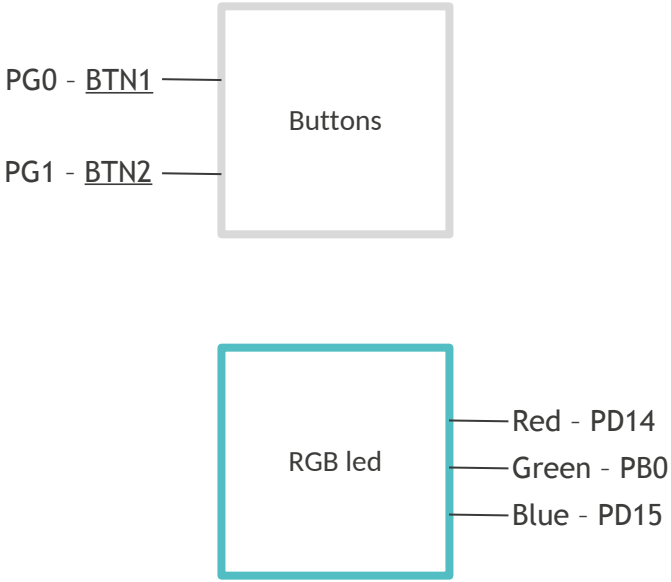
SECURITY


PB8 - I2C1_SCL
PB9 - I2C1_SDA
STSAFE-A100
Security
Element
RST - PA6

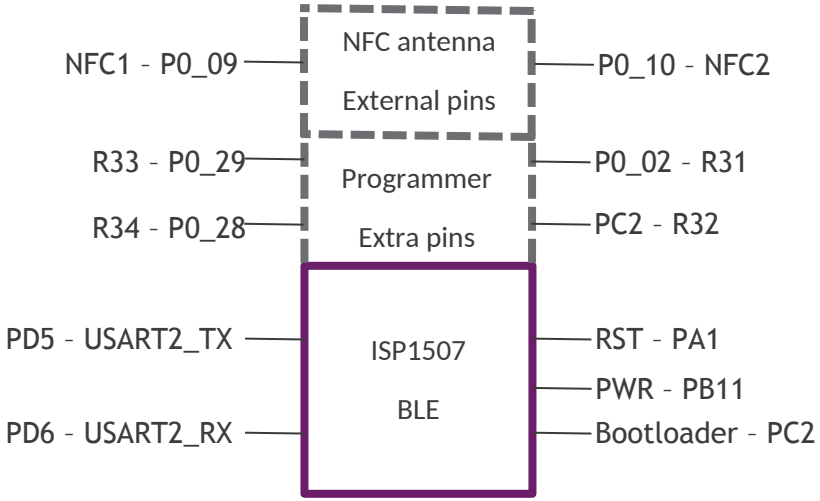
MEMORY


PE14 - SPI1_MISO
PE15 - SPI1_MOSI
PE13 - SPI1_CLK
PF13 - CS
S25FL256SA
256MB
Flash
HOLD - PE0
WP - PE11

USER INPUT & FEEDBACK

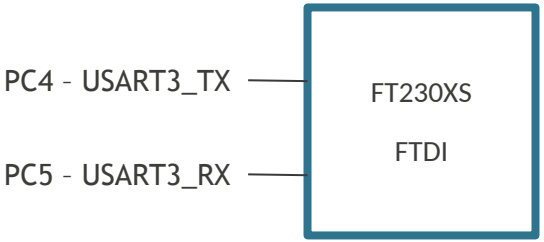


BLE

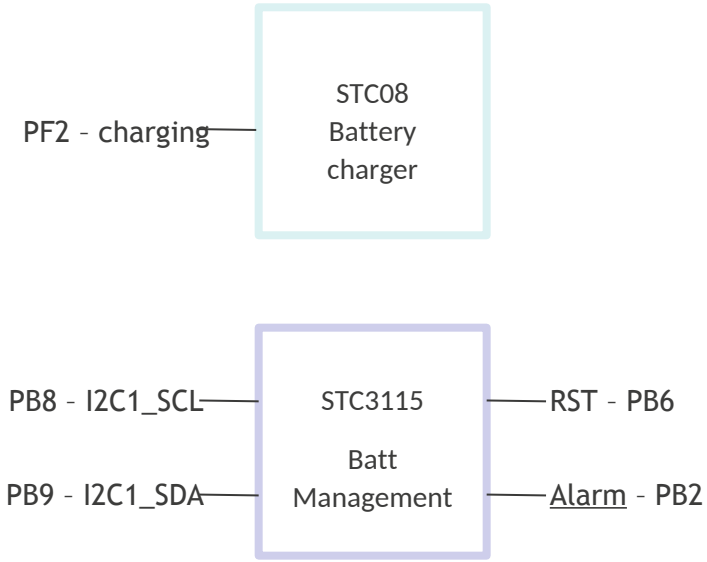


CONFIDENTIAL

FTDI

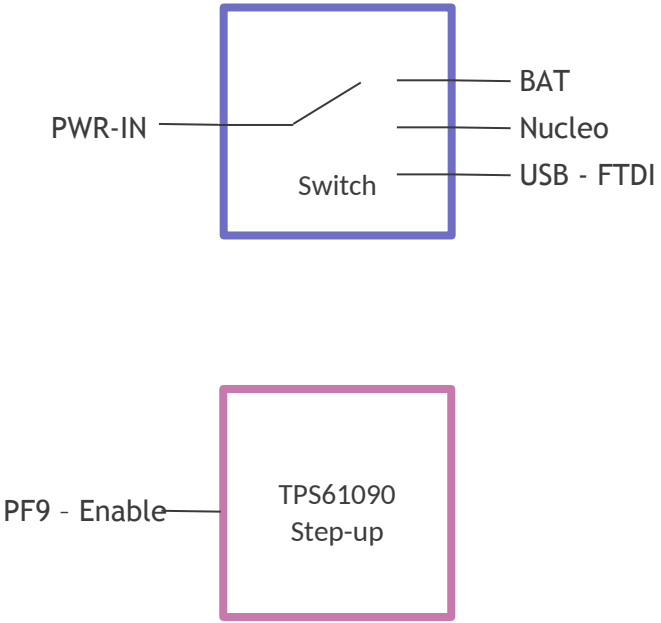


BATTERY



CONFIDENTIAL

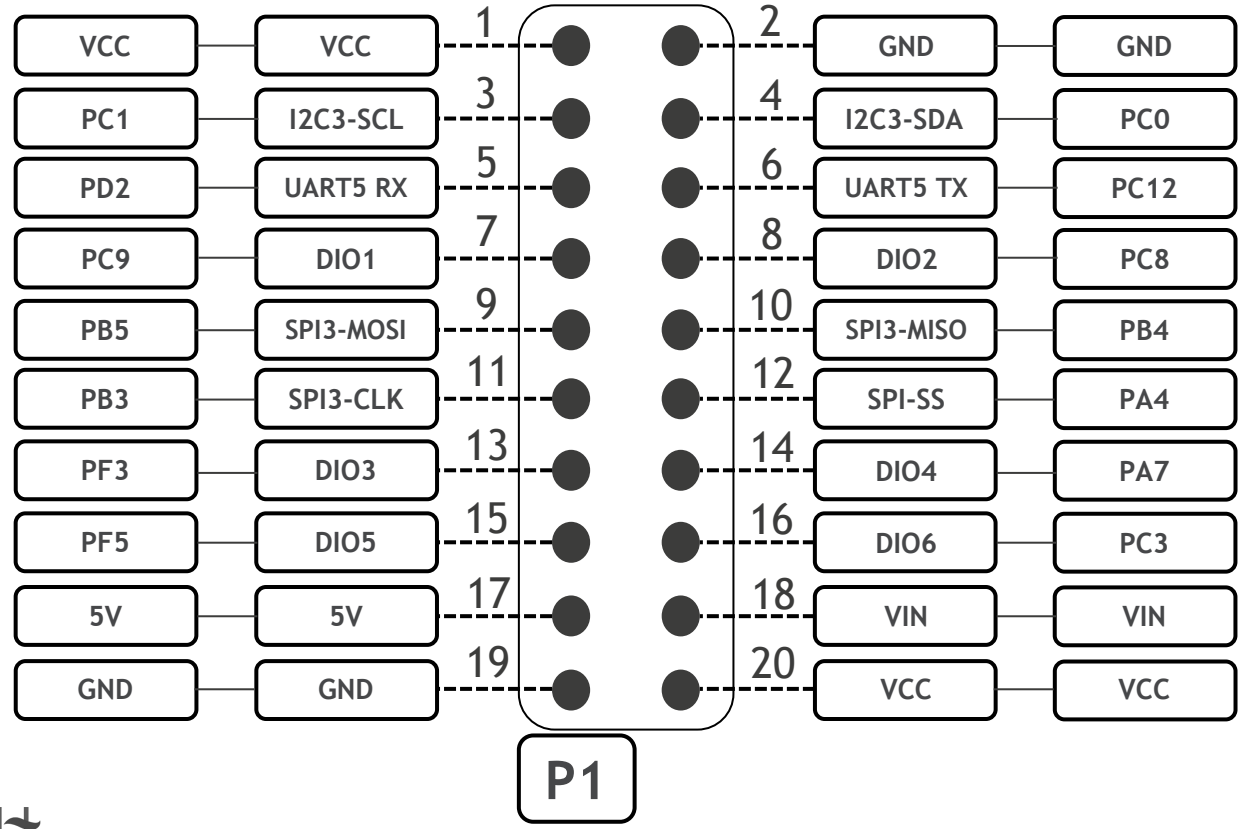
POWER


PWR-IN
Switch
BAT
Nucleo
USB - FTDI
PF9 - Enable
TPS61090
Step-up

CONNECTORS

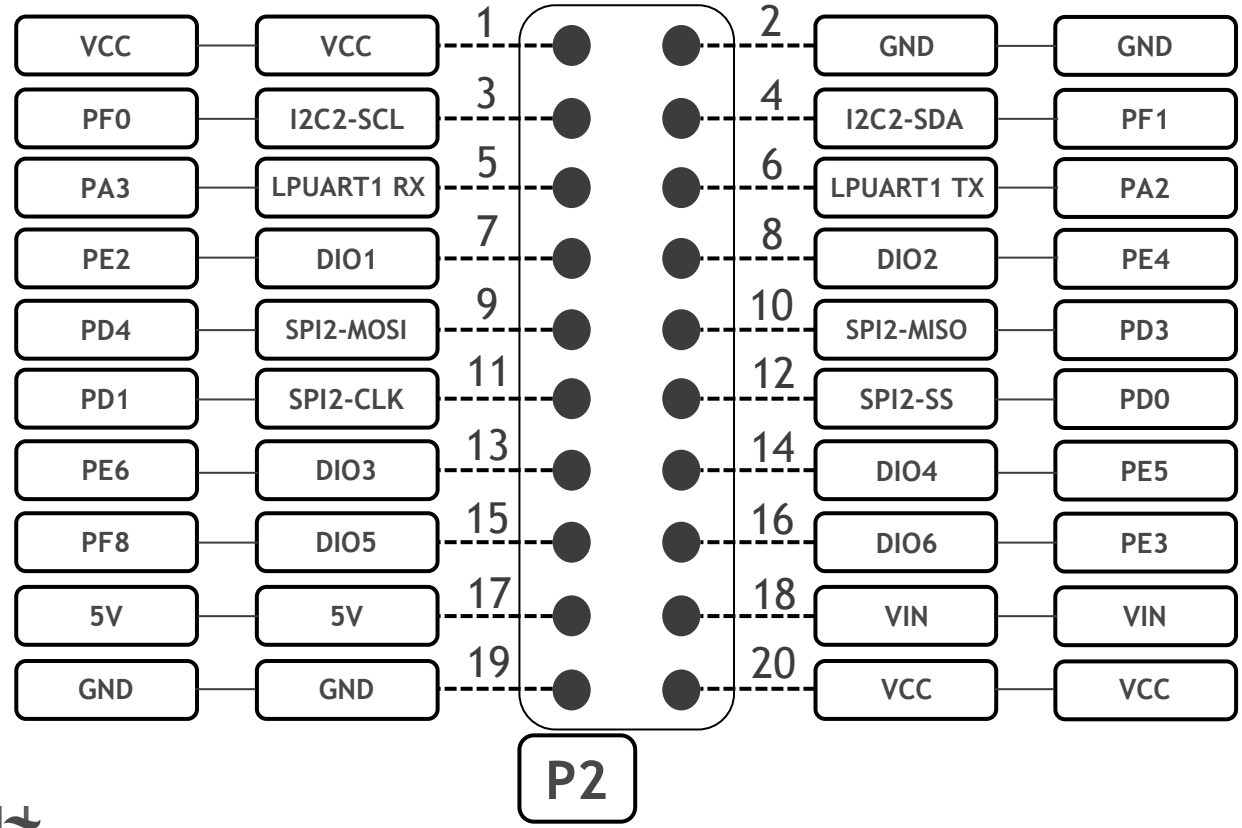
CONFIDENTIAL

CONNECTOR P1



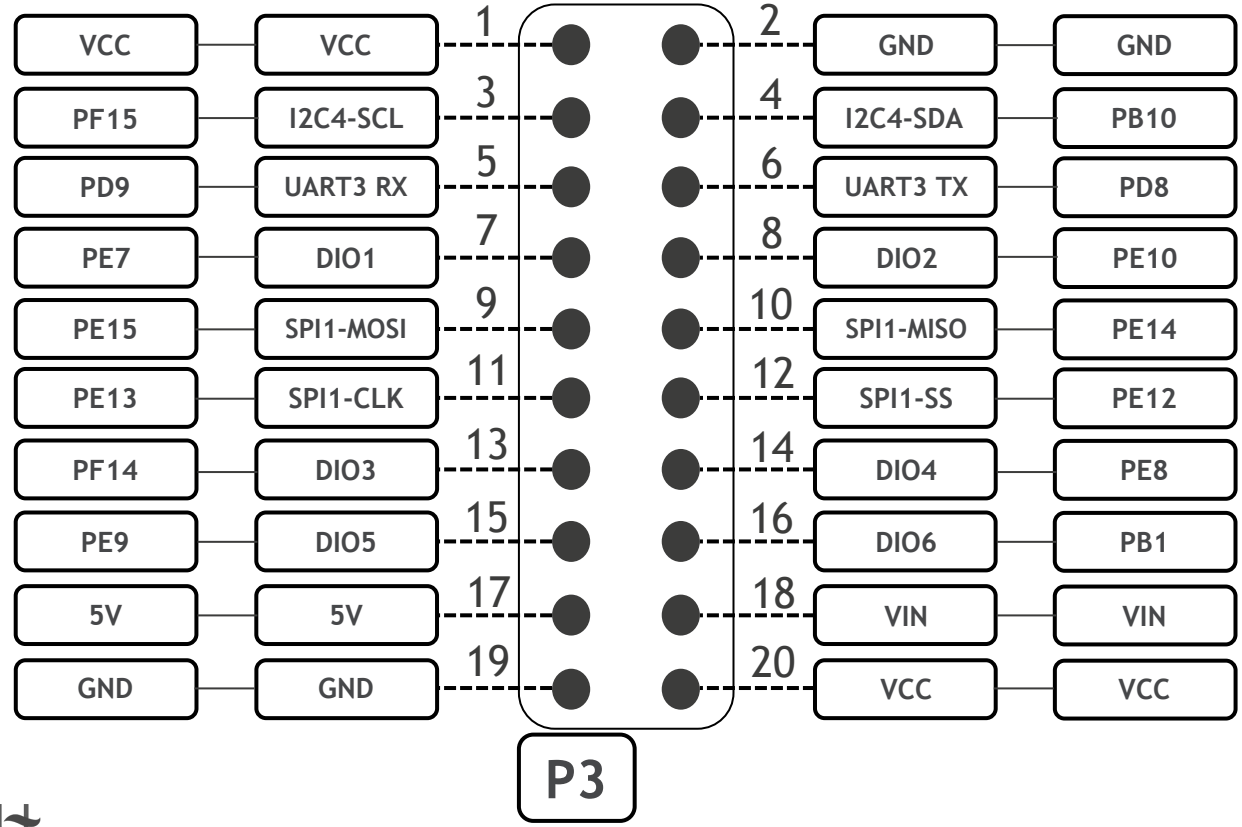
CONFIDENTIAL

CONNECTOR P2



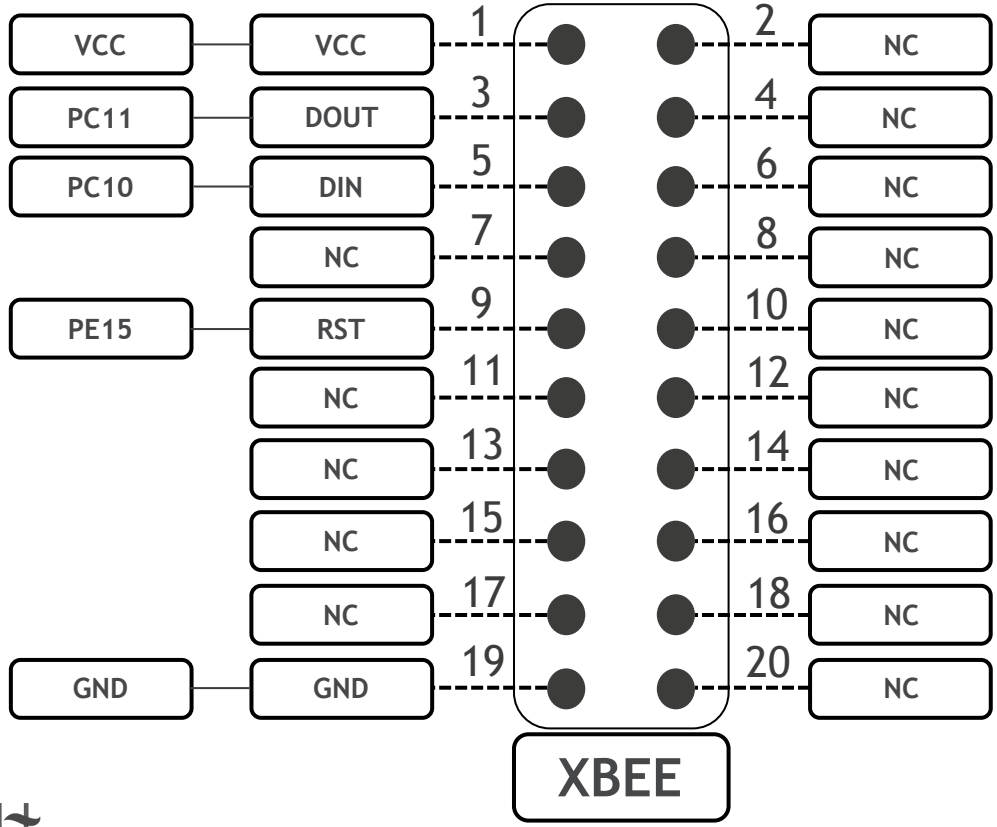
CONFIDENTIAL

CONNECTOR P3

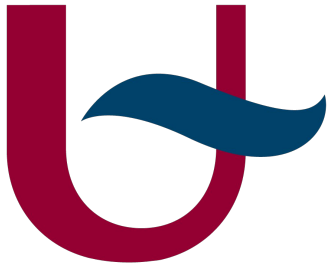


CONFIDENTIAL

XBEE



CONFIDENTIAL



Universiteit
Antwerpen