

Drawn by: Orkhan Amiraslanov (azerimaker)
<https://www.thethingsindustries.com/>

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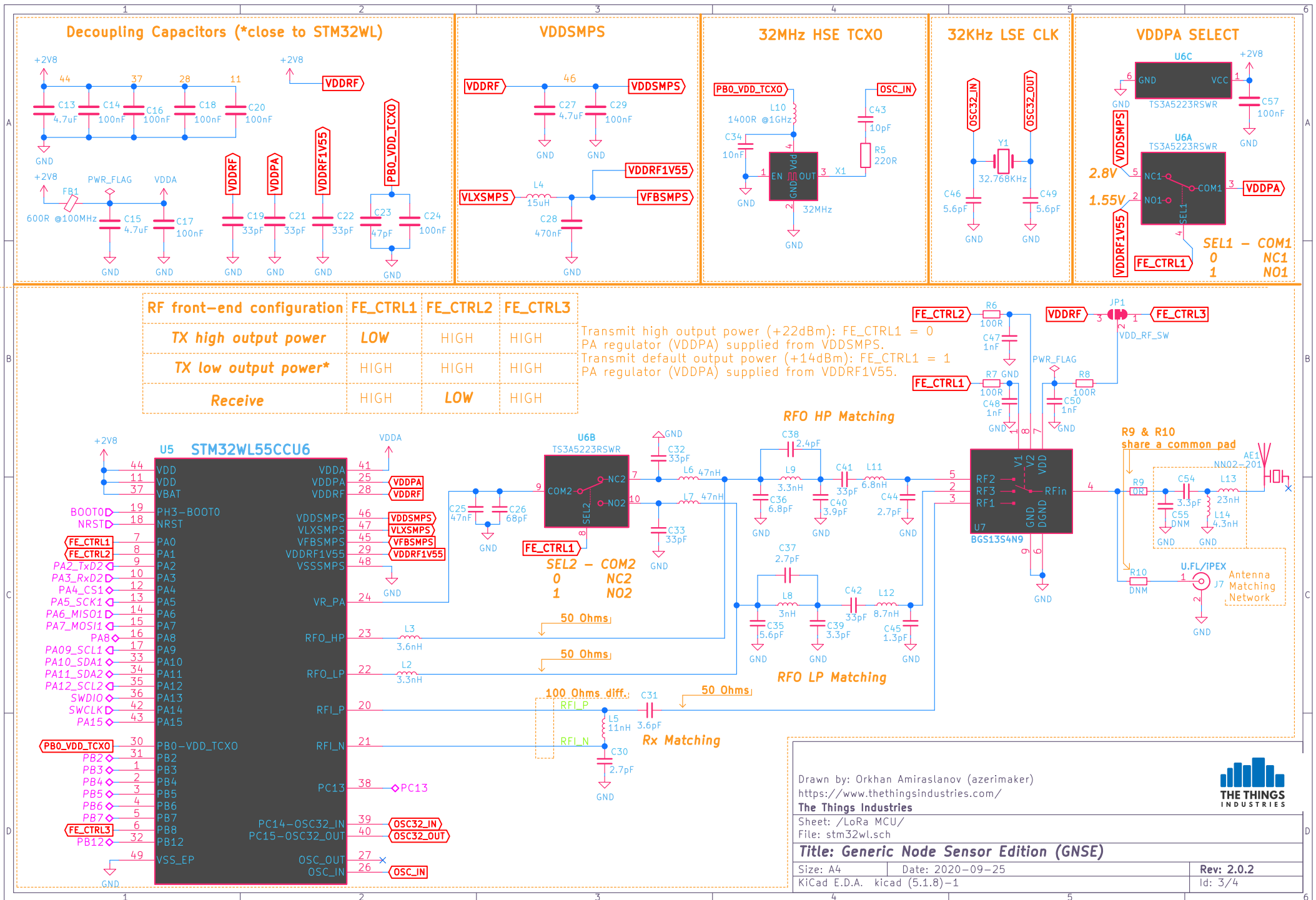
Sheet: /Power Supply/
 File: power-supply.sch

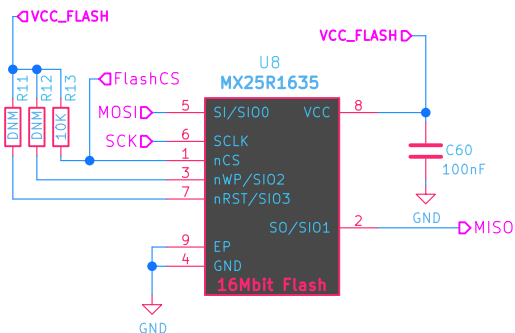
Title: Generic Node Sensor Edition (GNSE)

Size: A4
 Date: 2020-09-25
 KiCad E.D.A. kicad (5.1.8)-1

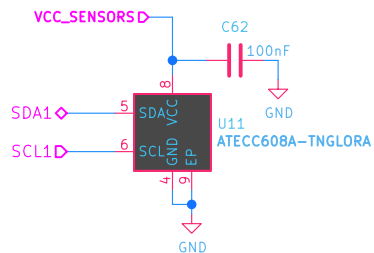
Rev: 2.0.2
 Id: 2/4





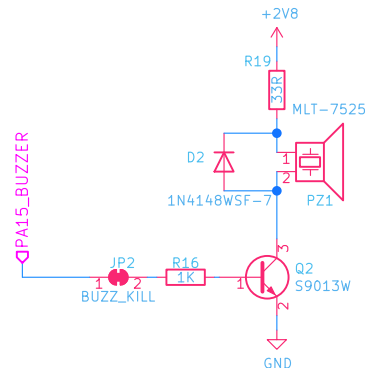


Flash Memory

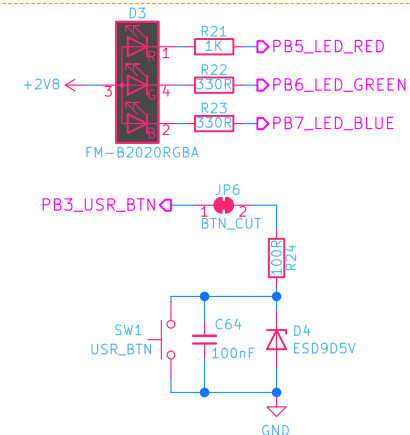


I2C address: 0xB2

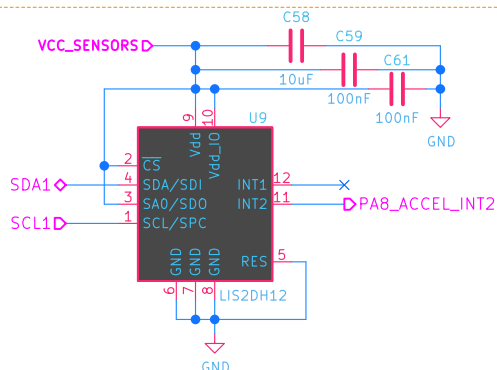
Crypto Authentication (Secure Element)



Buzzer

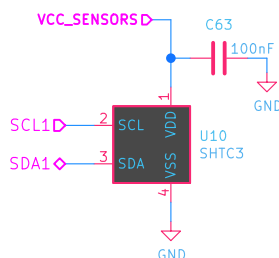


RGB LED & User Button



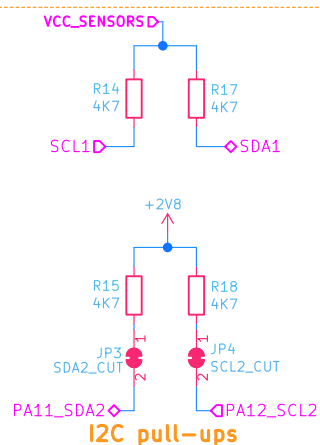
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Accelerometer

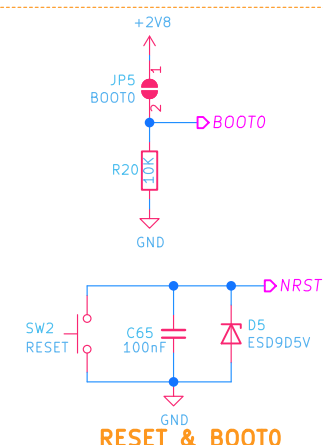


I2C address: 0x70

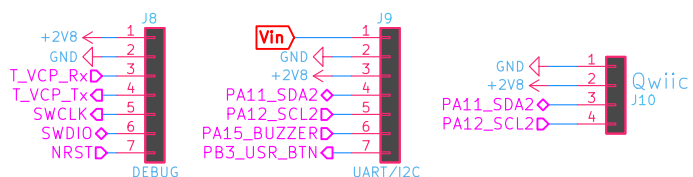
Temperature & Humidity



I2C pull-ups



RESET & BOOT0



DEBUG, Test Points & Expansion Ports

FlashCS TP6 CS
MISO TP7 MISO
SCK TP8 SCK
MOSI TP9 MOSI
VCC_FLASHD TP10 VCC_F
VCC_SENSORS_D TP11 VCC_S
SDA1 TP12 SDA
SCL1 TP13 SCL

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Sheet: /Peripherals/
File: peripherals.sch

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