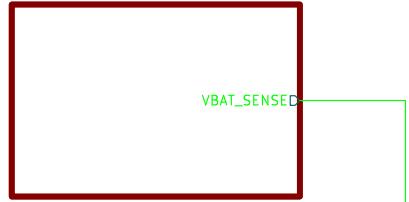


Schematics

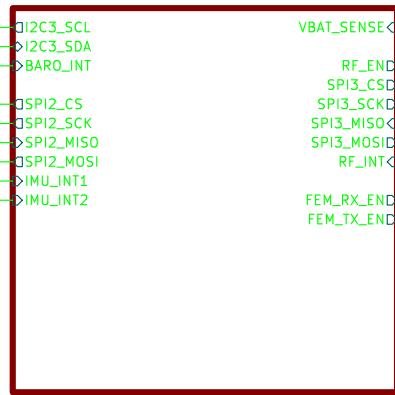
Power_Delivery



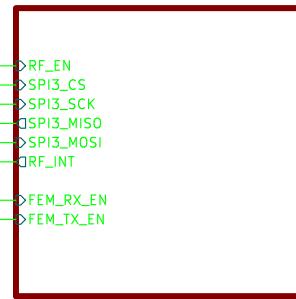
Sensors



MCU



RF



VBAT_SENSE

I2C3_SCL
I2C3_SDA
BARO_INT

SPI2_CS
SPI2_SCK
SPI2_MISO
SPI2_MOSI
IMU_INT1
IMU_INT2

I2C3_SCL
I2C3_SDA
DBARO_INT

DSP12_CS
DSP12_SCK
DSP12_MISO
DSP12_MOSI
DIMU_INT1
DIMU_INT2

VBAT_SENSE

RF_EN
SPI3_CSD
SPI3_SCKD
SPI3_MISO
SPI3_MOSI
RF_INT

FEM_RX_END
FEM_TX_END

Diagrams

Block_Diagram



Power_Diagram



MaD_RaNgA

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Title: Budget_FC

Size: A4 Date: 2025-12-05
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Rev: A
Id: 1/7

A

A

B

B

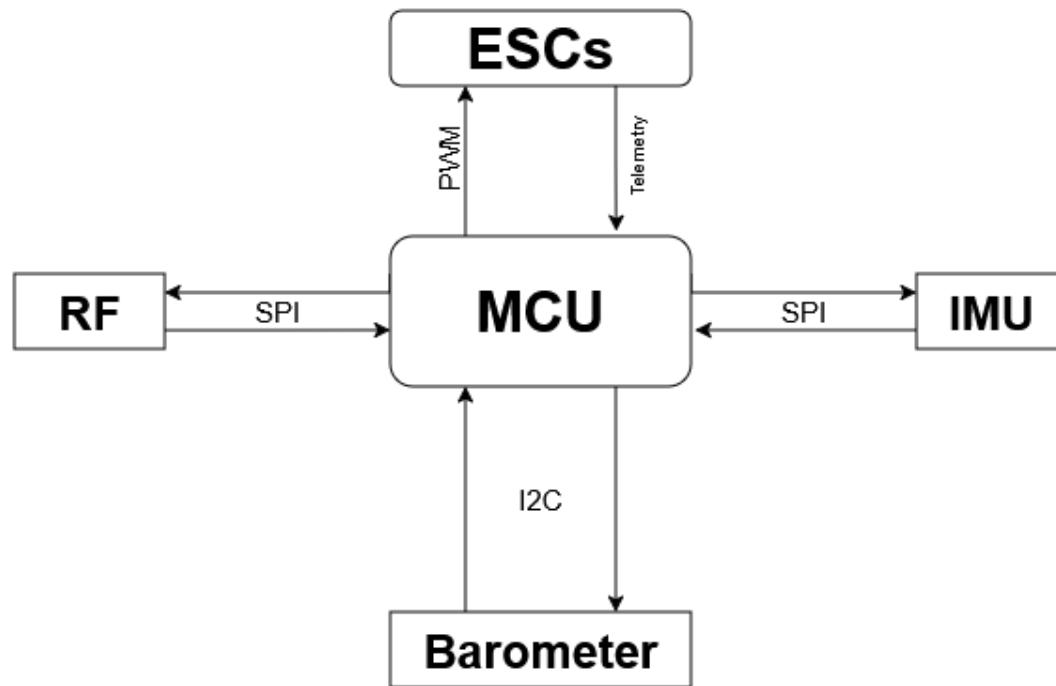
C

C

D

D

Block Diagram



Notes;

MaD_RaNgA

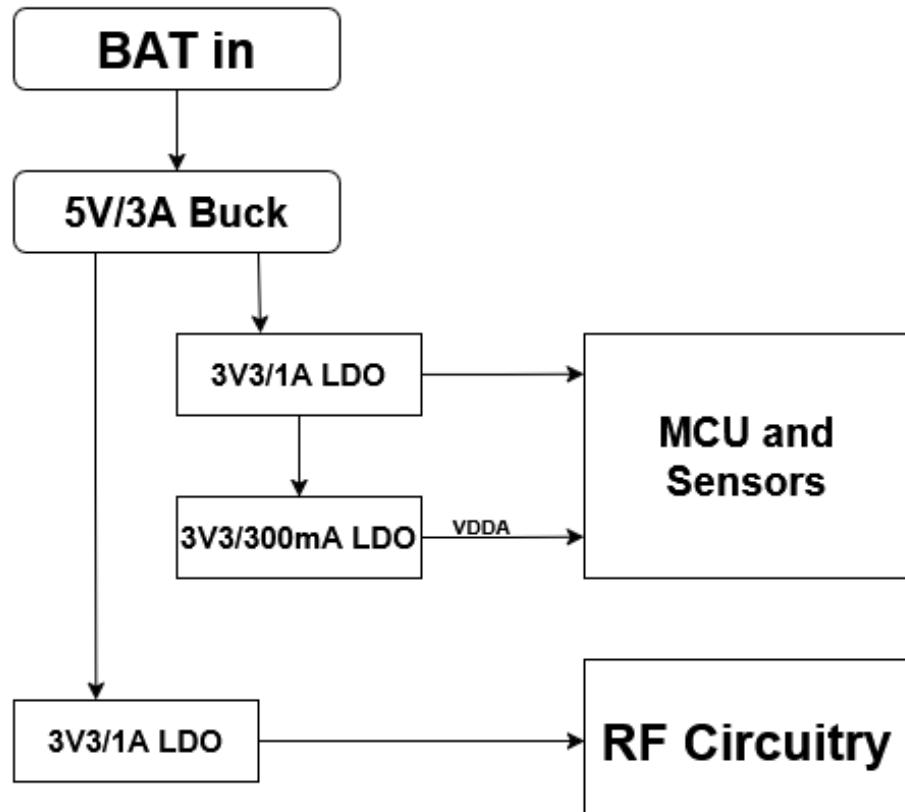
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Power Diagram



Notes:

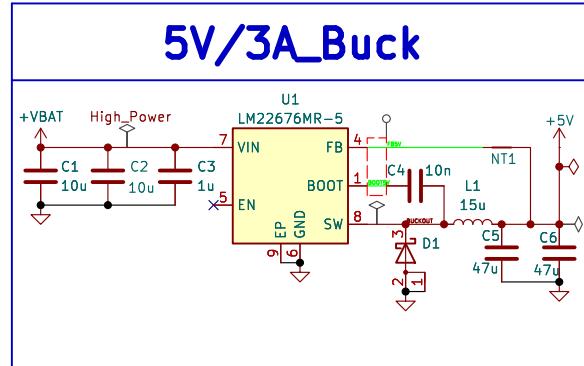
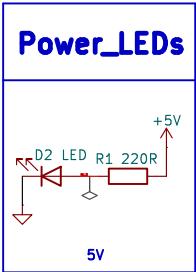
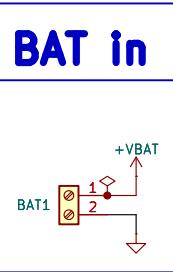
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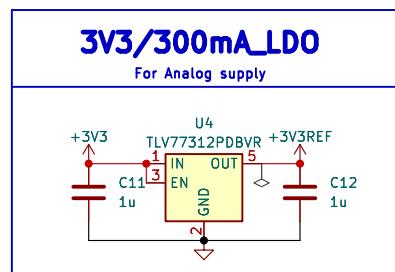
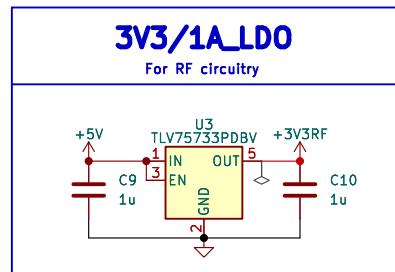
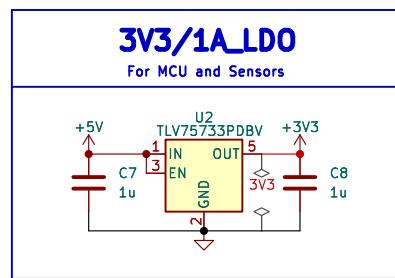
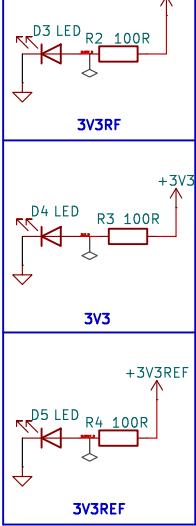
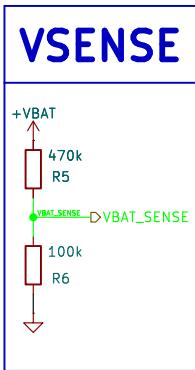
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Id: 3/7



Notes:



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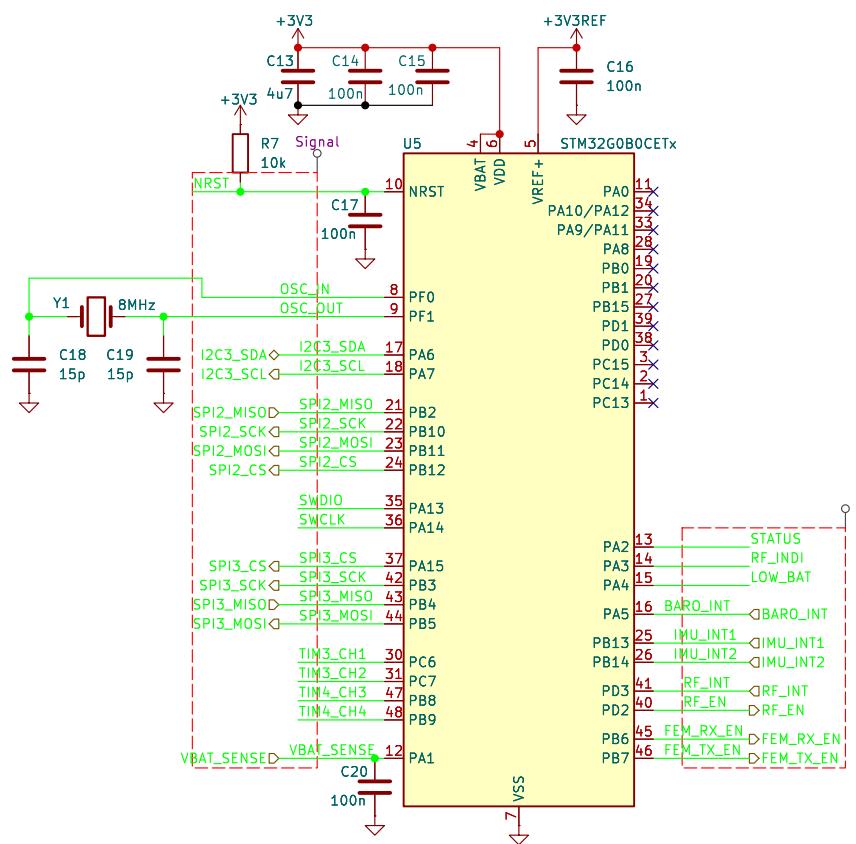
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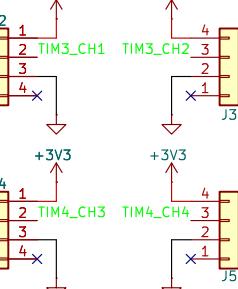
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1 2 3 4 5 6

Microcontroller

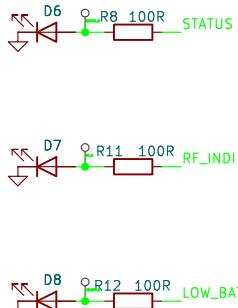


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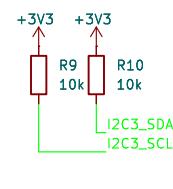


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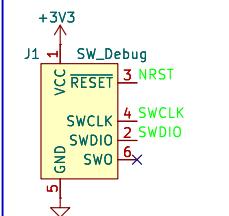
Status indicators



Pullups



SW_Debug



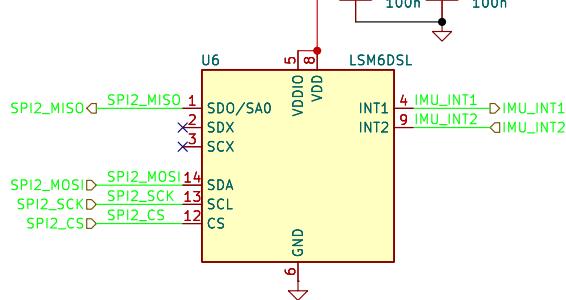
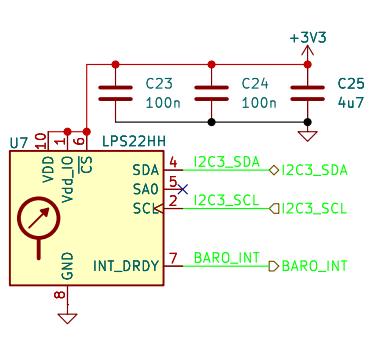
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IMU**Notes:****Barometer****MaD_RaNgA**

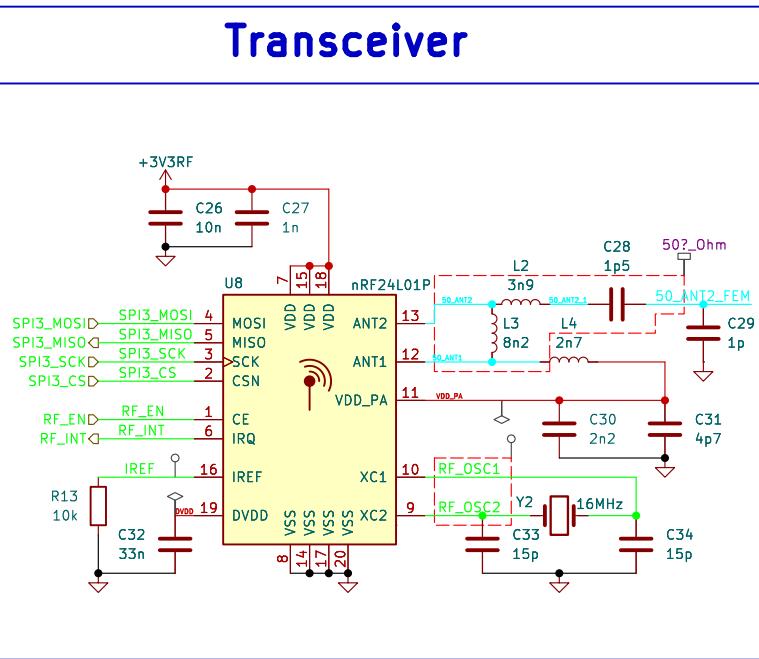
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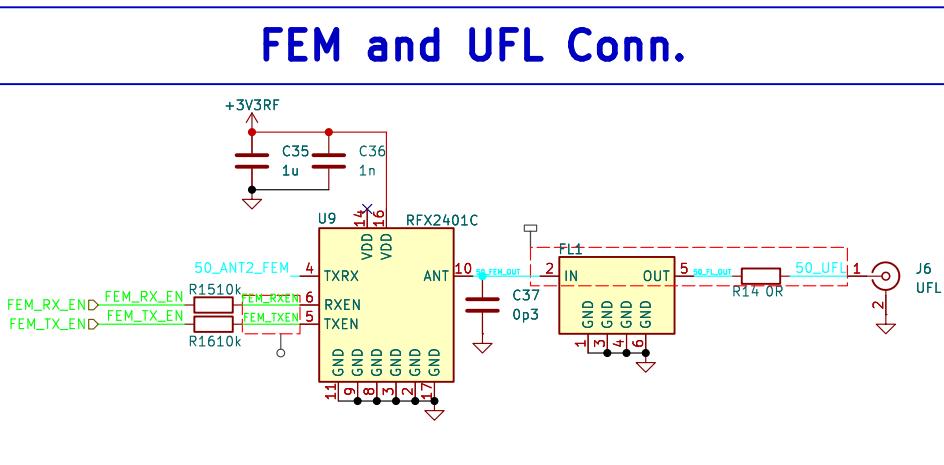
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Transceiver



Notes:

FEM and UFL Conn.



MaD_RaNgA

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Rev: A
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