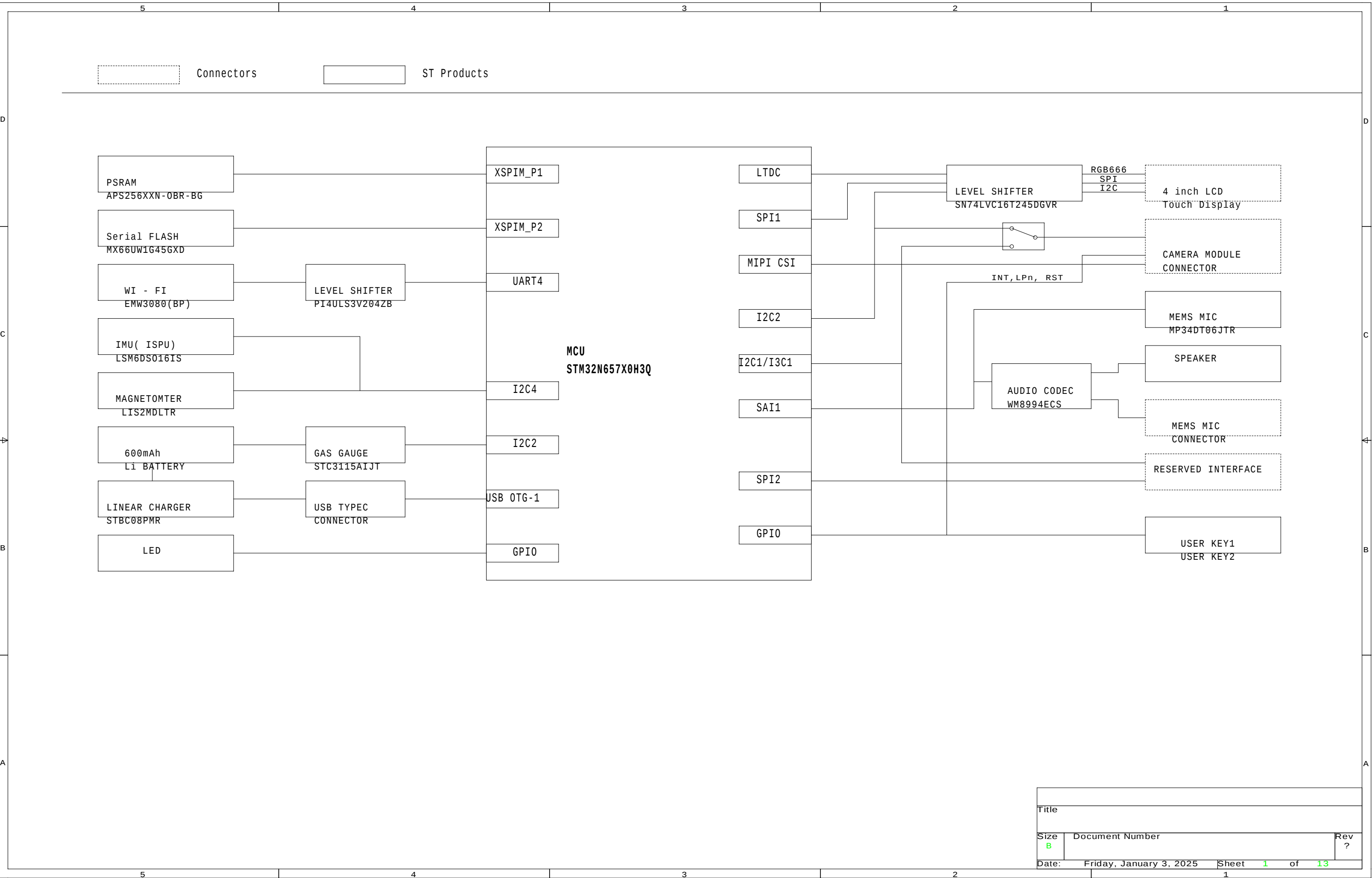




PSRAM
APS256XXN-0BR-BG

Serial FLASH
MX66UW1G45GXD

WI - FI
EMW3080(BP)

IMU(ISPU)
LSM6DS016IS

MAGNETOMTER
LIS2MDLTR

600mAh
LI BATTERY

LINEAR CHARGER
STBC08PMR

LED

XSPIM_P1

XSPIM_P2

LEVEL SHIFTER
PI4ULS3V204ZB

UART4

I2C4

I2C2

USB OTG-1

GPI0

MCU
STM32N657X0H3Q

LTDC

SPI1

MIPI CSI

I2C2

I2C1/I3C1

SAI1

SPI2

GPI0

LEVEL SHIFTER
SN74LVC16T245DGVR

4 inch LCD
Touch Display

CAMERA MODULE
CONNECTOR

MEMS MIC
MP34DT06JTR

SPEAKER

MEMS MIC
CONNECTOR

RESERVED INTERFACE

USER KEY1
USER KEY2

RGB666

SPI

I2C

INT, LPn, RST

Title

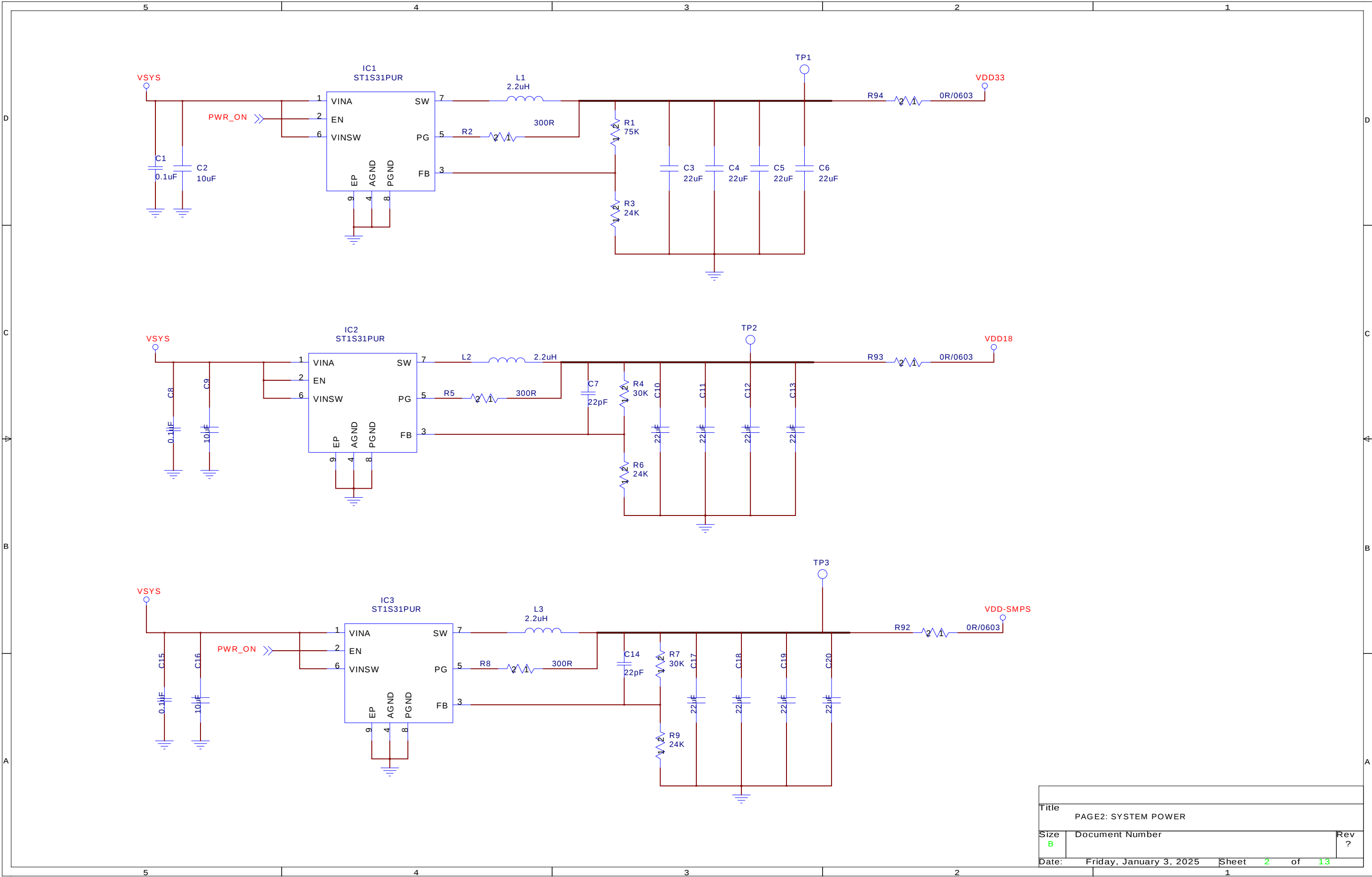
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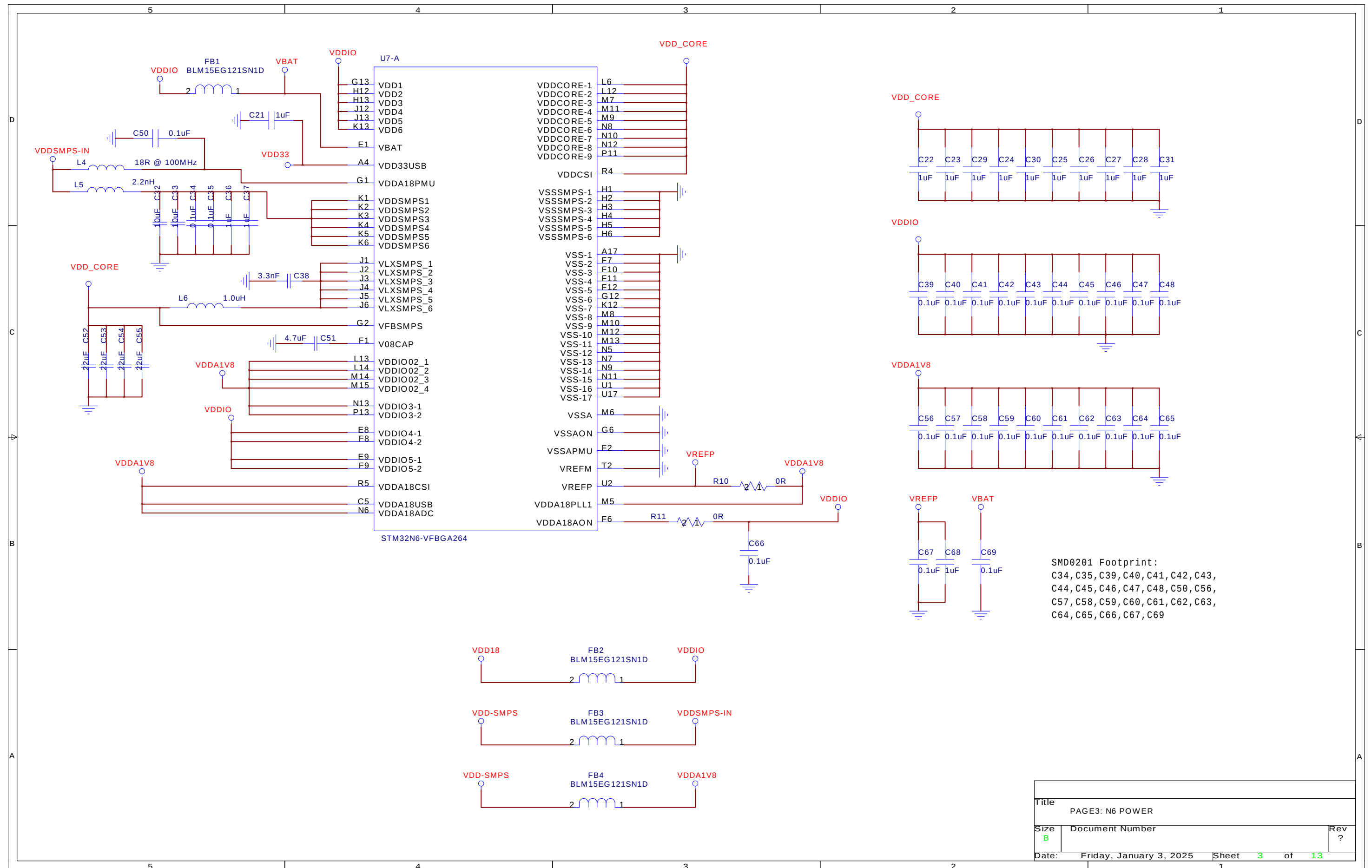
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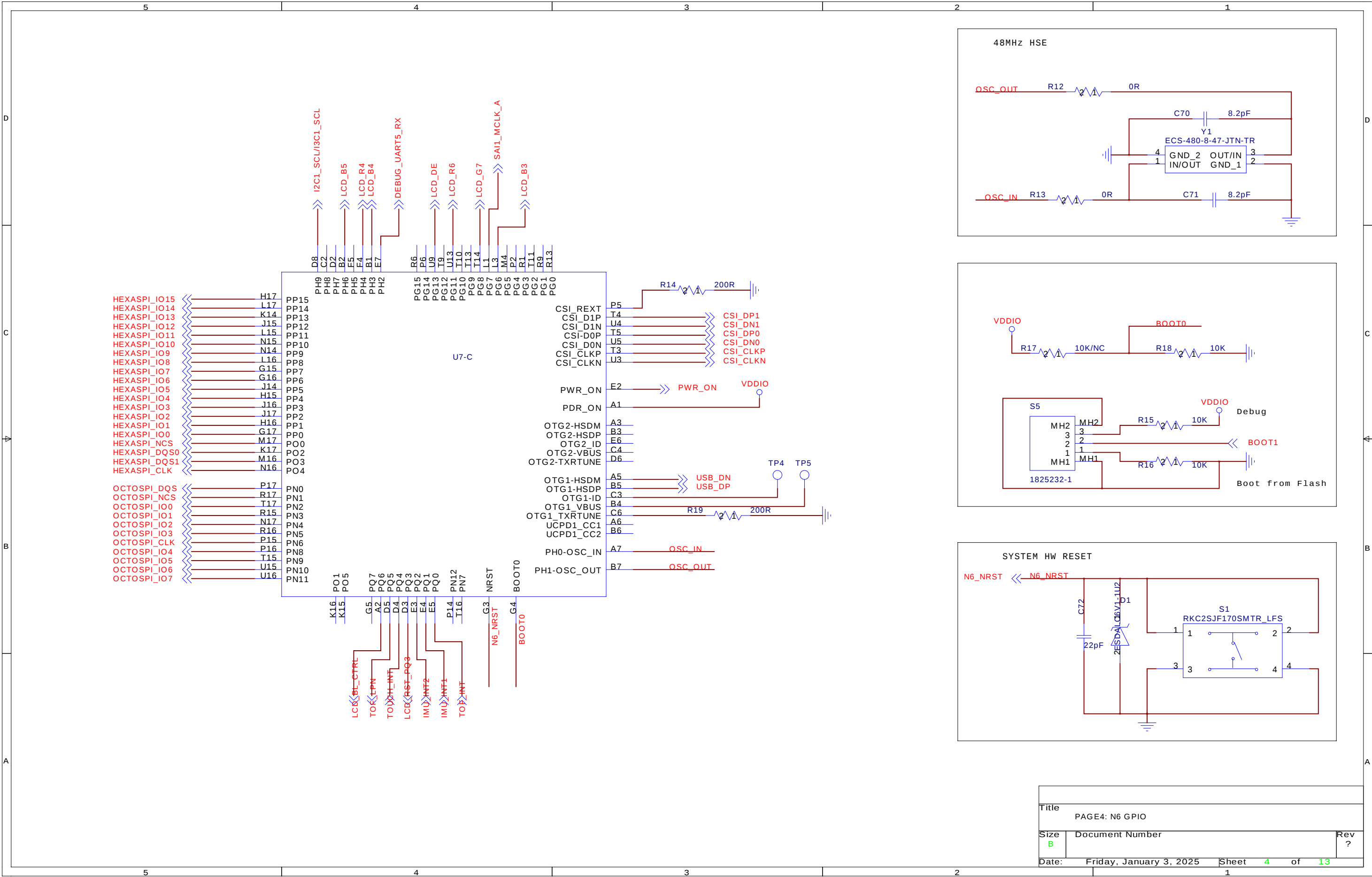
Rev
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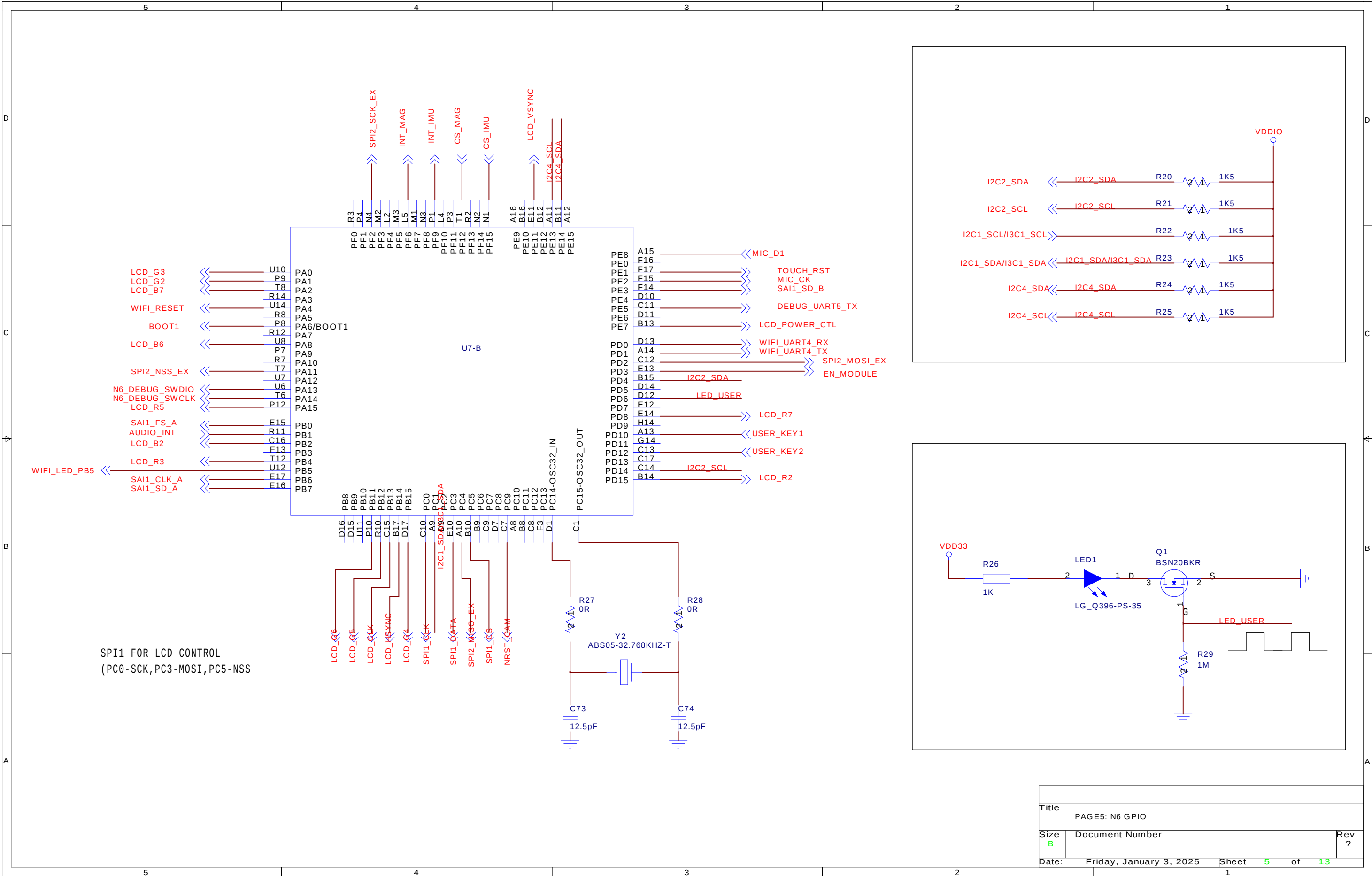
Date: Friday, January 3, 2025

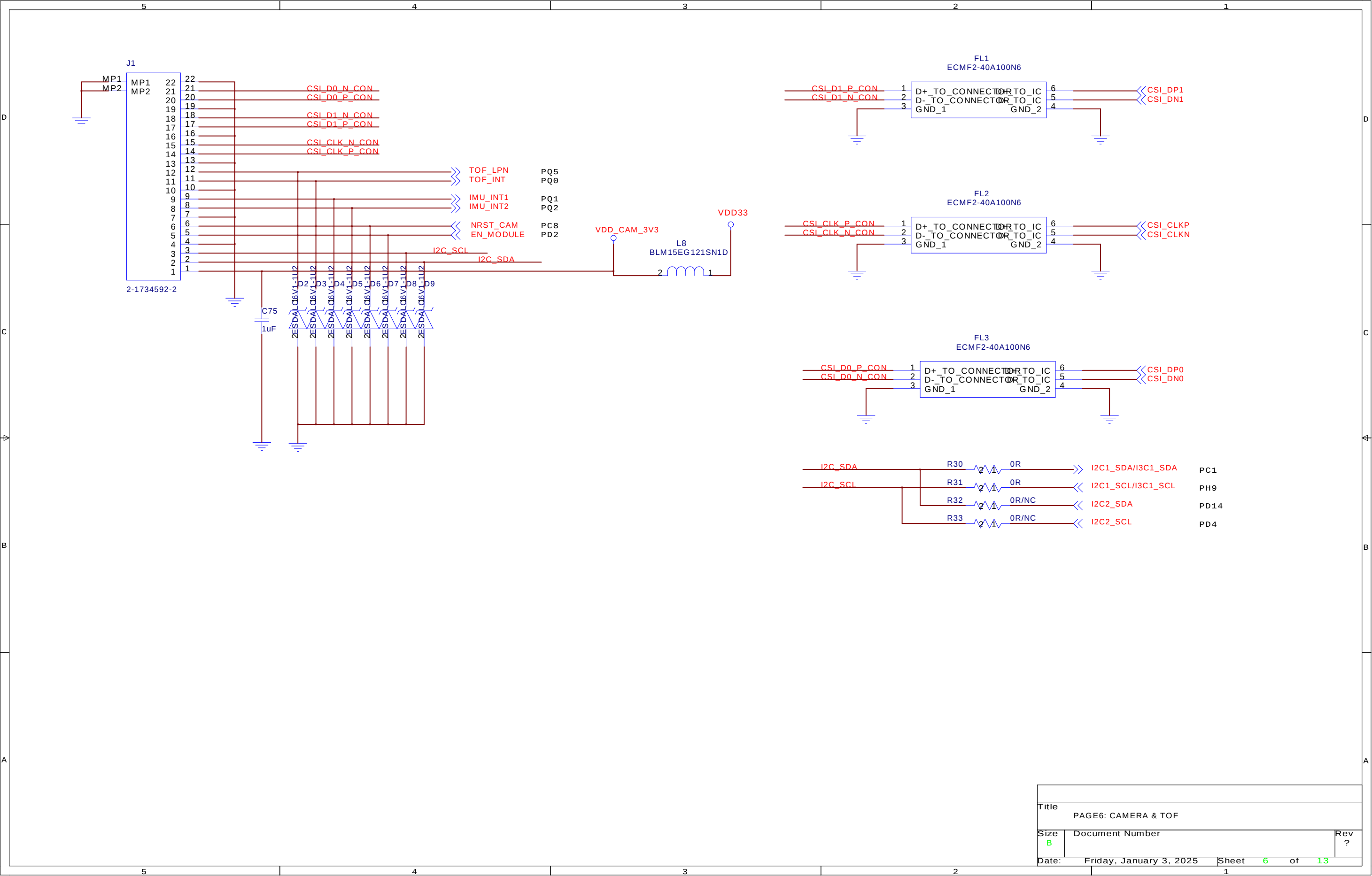
Sheet 1 of 13

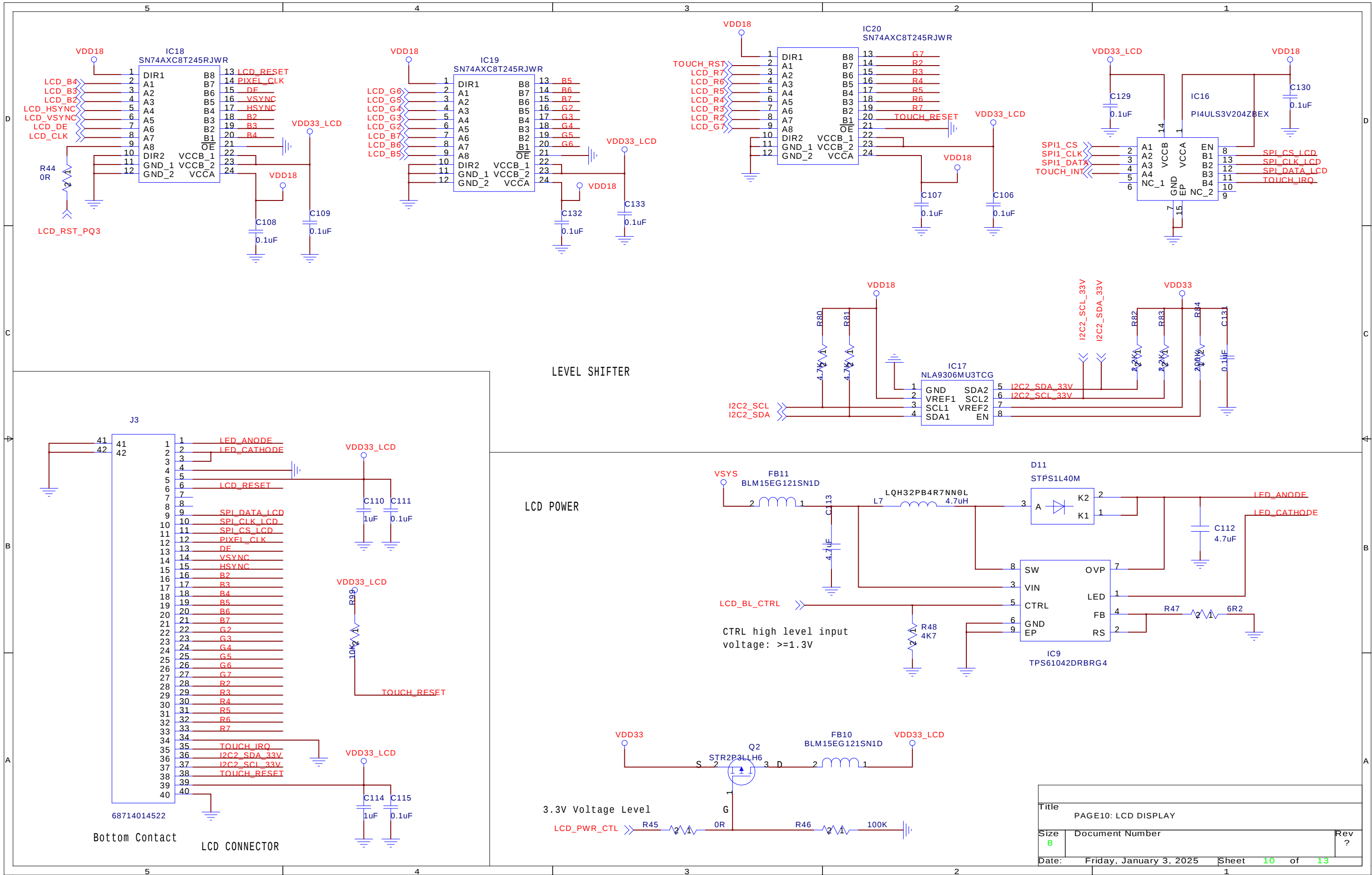




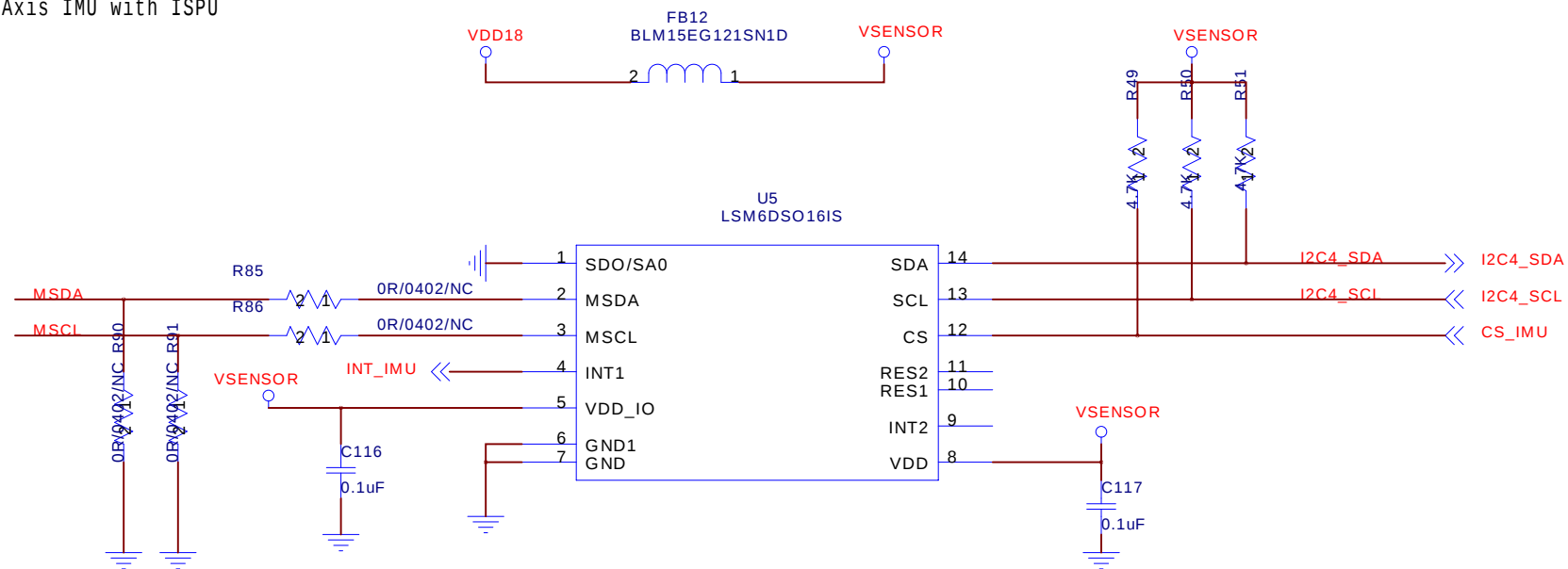




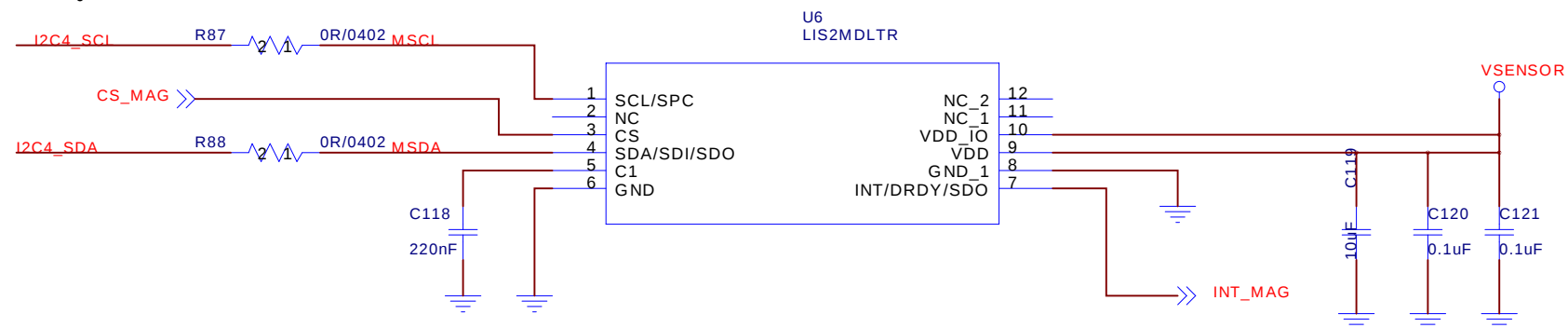




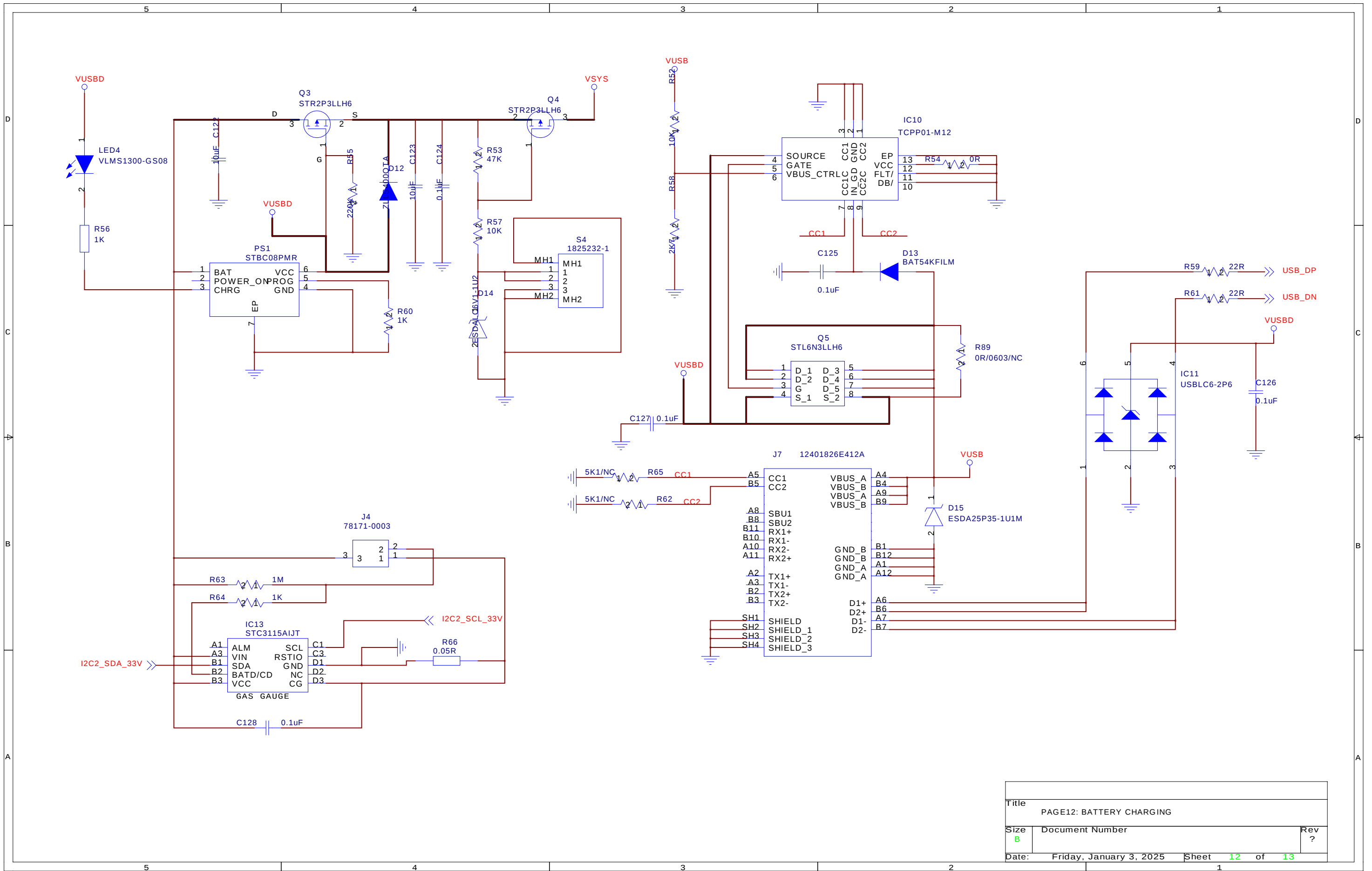
6 Axis IMU with ISPU



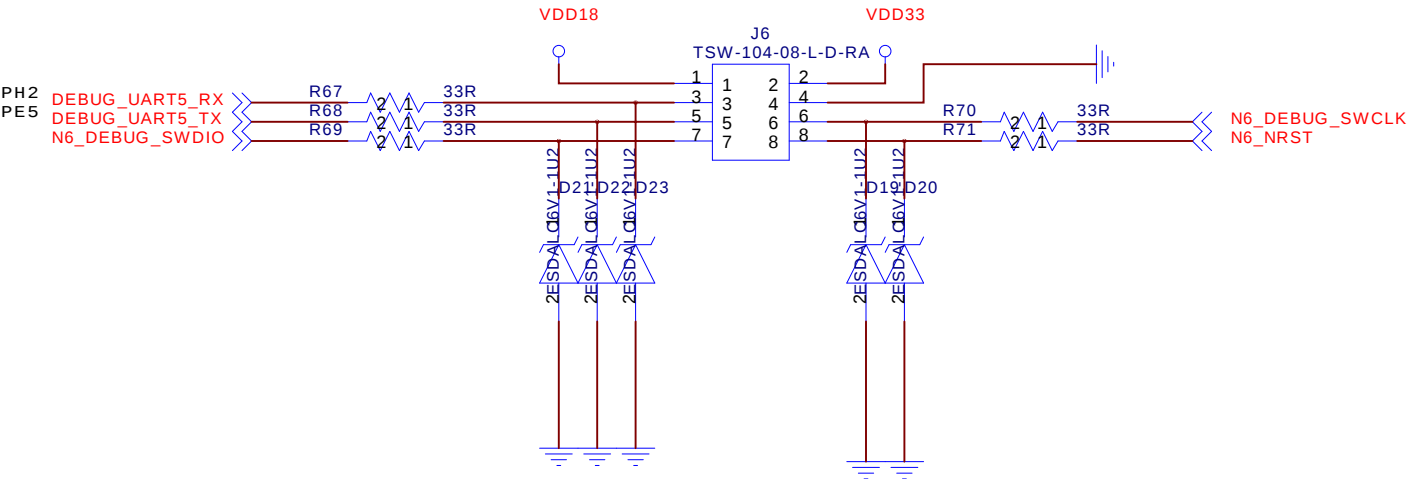
Magnetometer



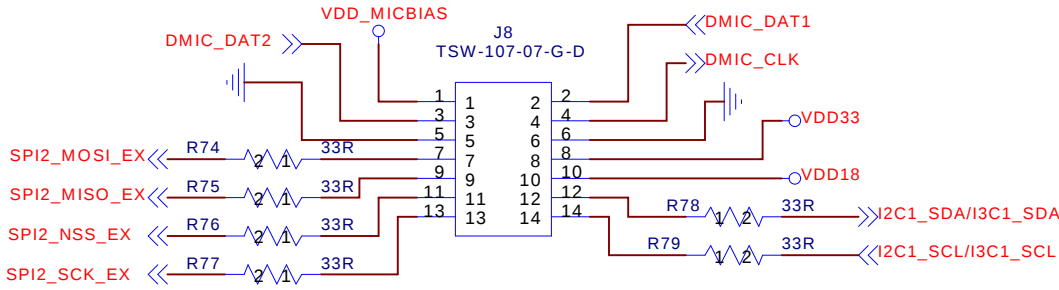
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PAGE11: MEMS SENSORS		
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DEBUG INTERFACE FOR N6



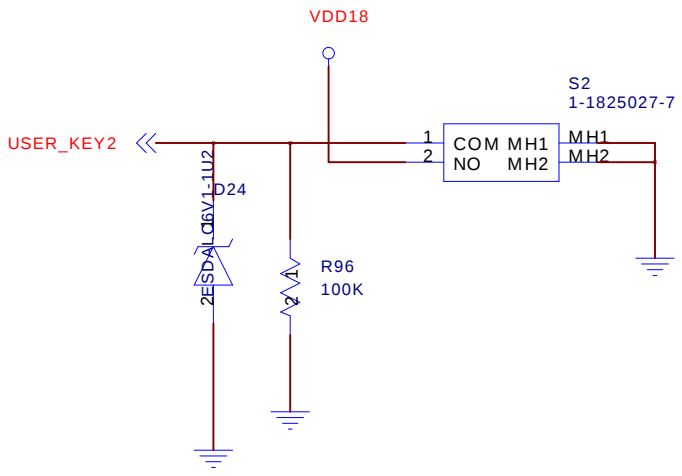
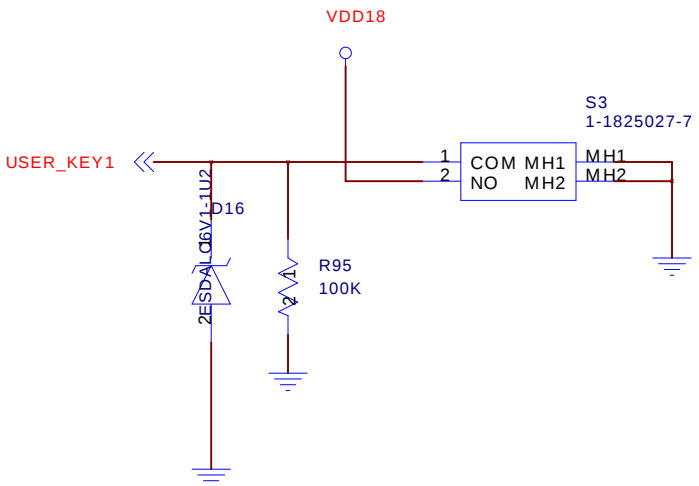
RESEVERED INTERFACE OF SPI & I3C



MECHANISM HOLES



USER KEY



Title		
PAGE13: DEBUG & GPIO		
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