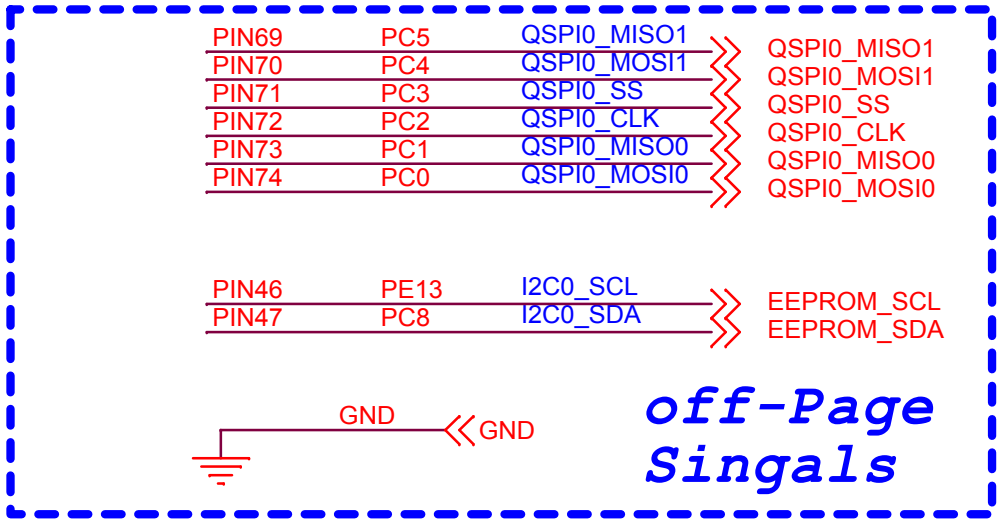
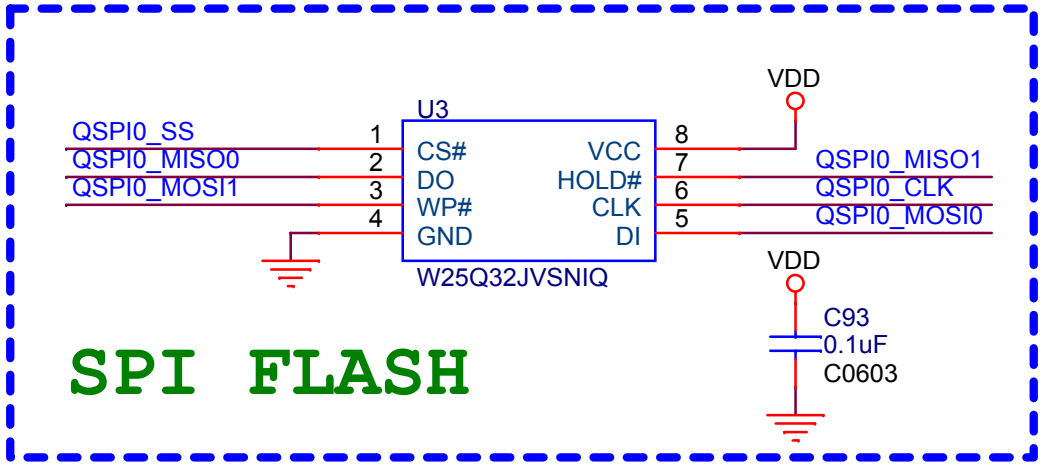
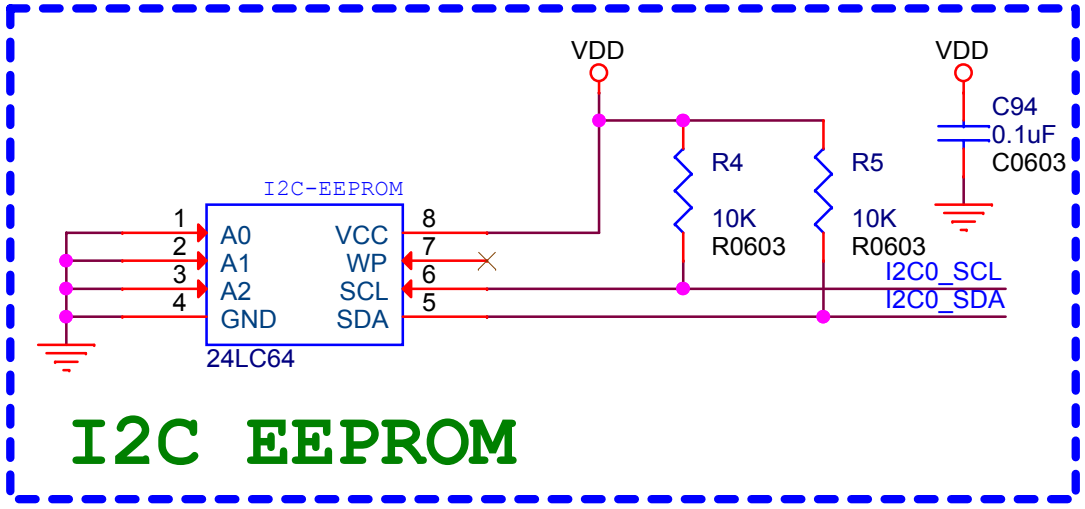
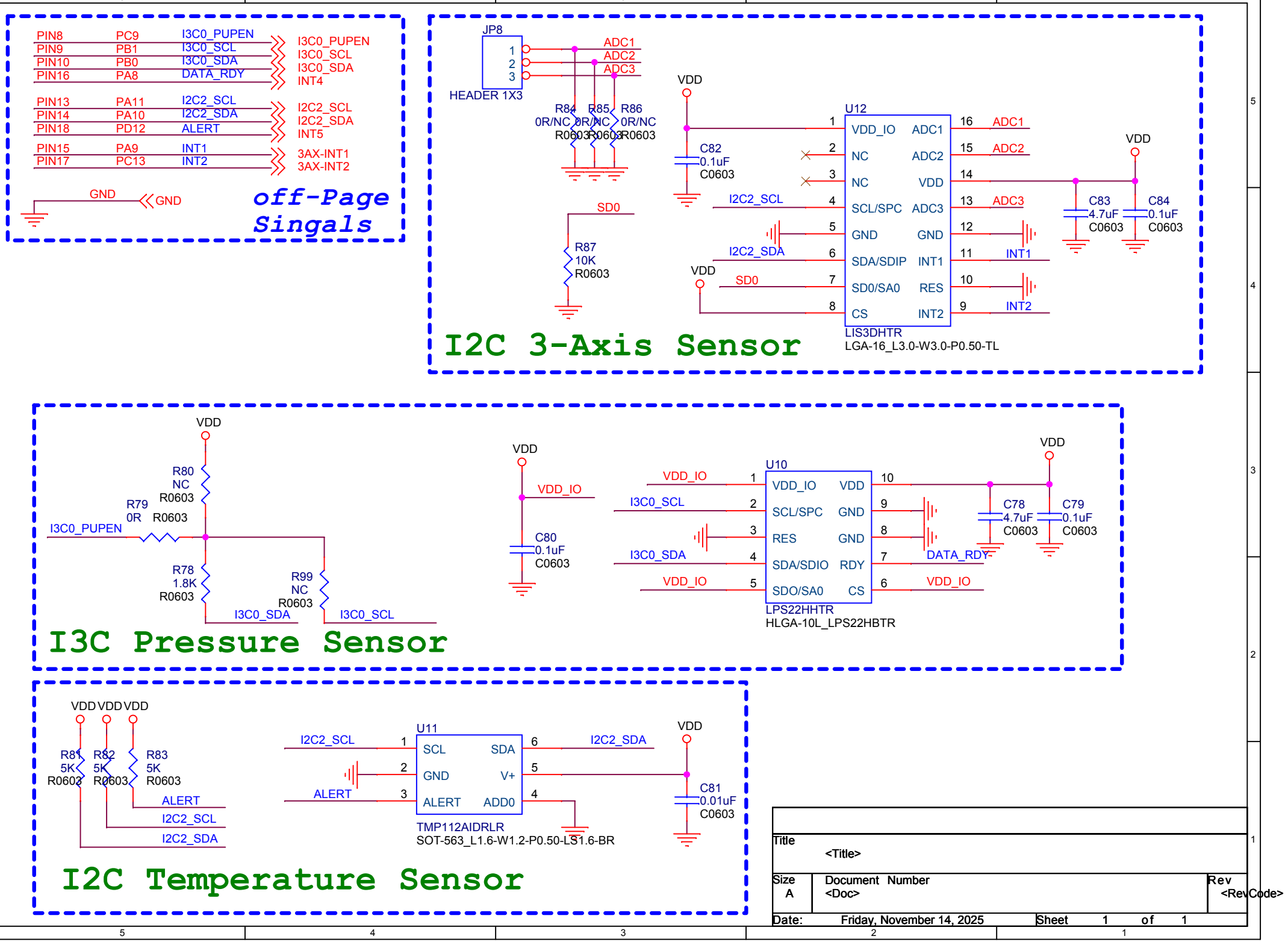
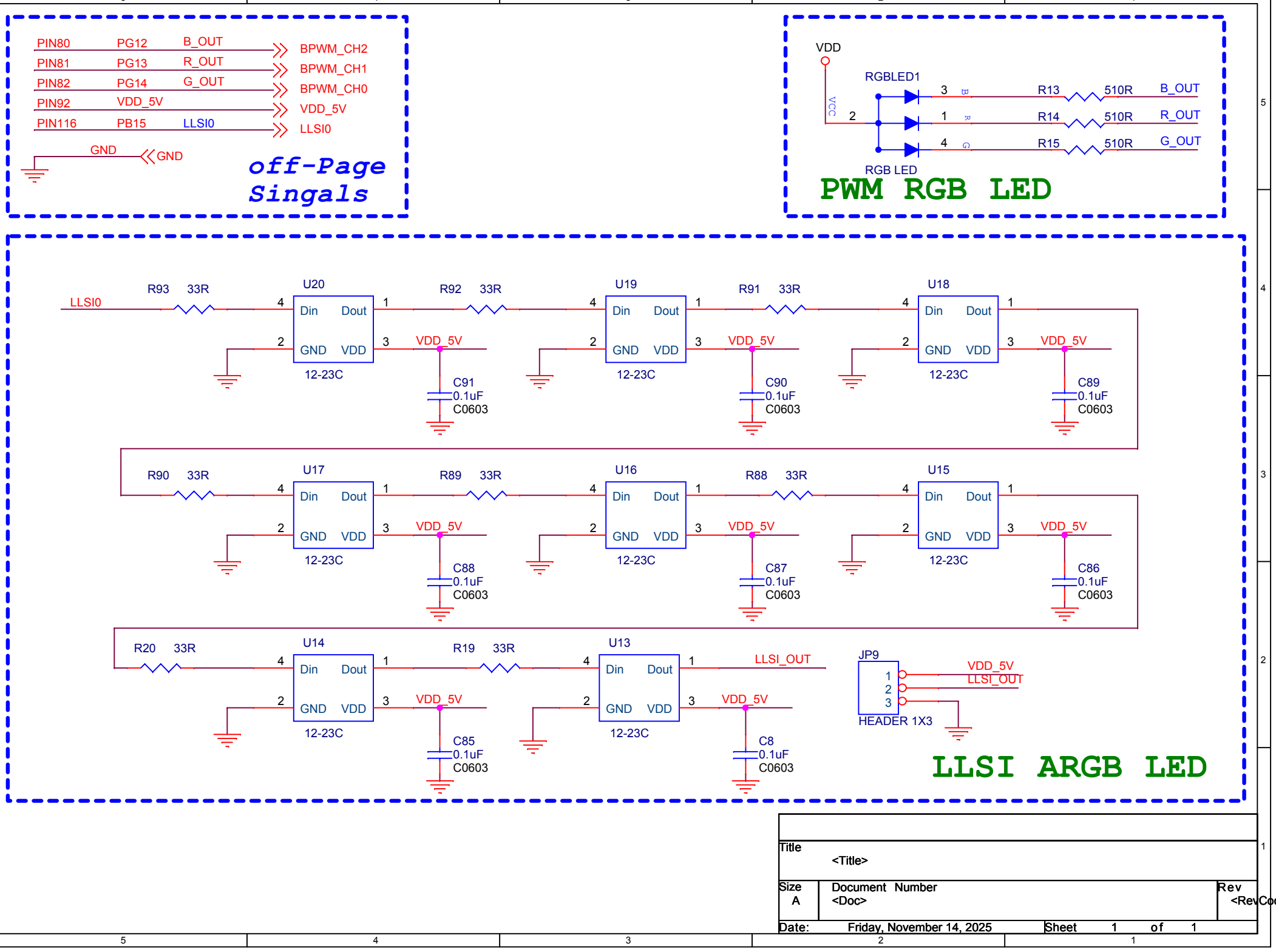




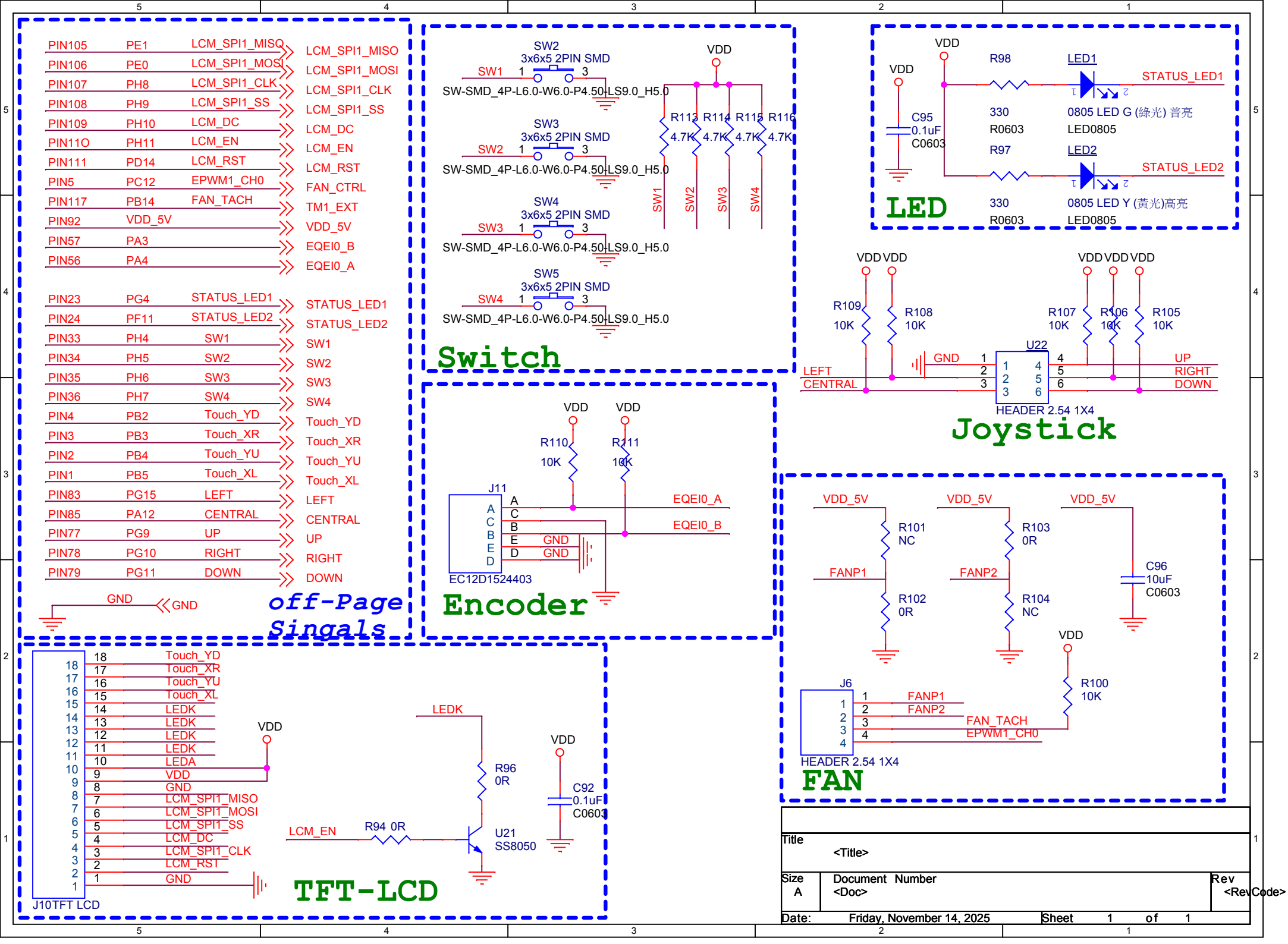


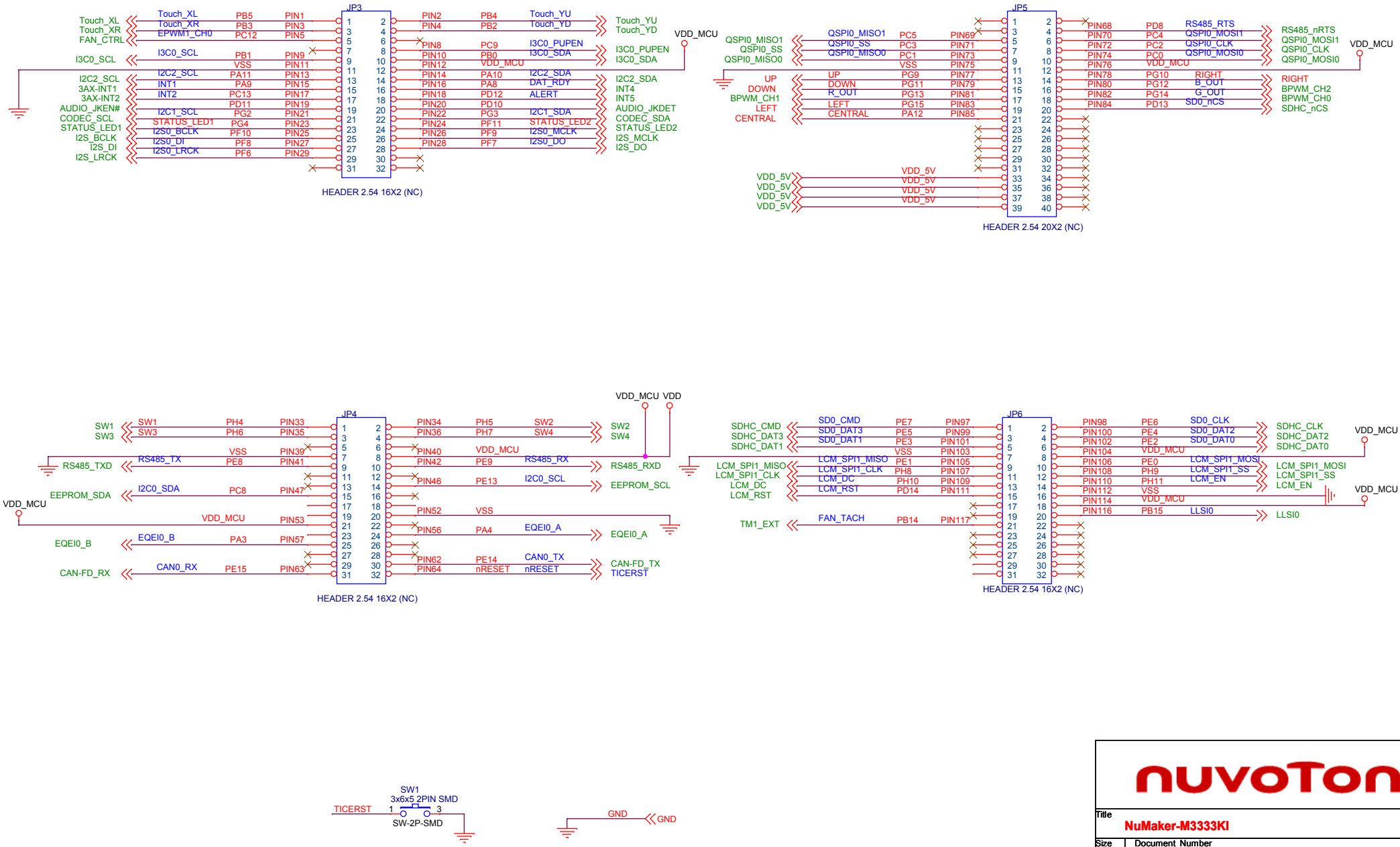
Title <Title>		
Size Custom	Document Number <Doc>	Rev <RevCo
Date: Thursday, November 13, 2025	Sheet 1 of 1	


PIN8 PC9 I3C0_PUPEN
PIN9 PB1 I3C0_SCL
PIN10 PB0 I3C0_SDA
PIN16 PA8 DATA_RDY
I3C0_PUPEN
I3C0_SCL
I3C0_SDA
INT4
PIN13 PA11 I2C2_SCL
PIN14 PA10 I2C2_SDA
PIN18 PD12 ALERT
I2C2_SCL
I2C2_SDA
INT5
PIN15 PA9 INT1
PIN17 PC13 INT2
3AX-INT1
3AX-INT2
GND
GND
off-Page Singals
JP8
HEADER 1X3
ADC1
ADC2
ADC3
R84 0R/NC R0603
R85 0R/NC R0603
R86 0R/NC R0603
VDD
C82 0.1uF C0603
U12
VDD_IO
NC
NC
SCL/SPC
GND
SDA/SDIP
SD0/SA0
CS
ADC1
ADC2
VDD
ADC3
GND
INT1
RES
INT2
I2C2_SCL
I2C2_SDA
SD0
R87 10K R0603
C83 4.7uF C0603
C84 0.1uF C0603
LIS3DHTR
LGA-16_L3.0-W3.0-P0.50-TL
I2C 3-Axis Sensor
R80 NC R0603
R79 0R R0603
R78 1.8K R0603
R99 NC R0603
I3C0_PUPEN
I3C0_SDA
I3C0_SCL
C80 0.1uF C0603
U10
VDD_IO
I3C0_SCL
I3C0_SDA
SCL/SPC
RES
SDA/SDIO
SDO/SA0
GND
RDY
DATA_RDY
C78 4.7uF C0603
C79 0.1uF C0603
LPS22HHTR
HLGA-10L_LPS22HBTR
I3C Pressure Sensor
R81 5K R0603
R82 5K R0603
R83 5K R0603
ALERT
I2C2_SCL
I2C2_SDA
U11
SCL
GND
ALERT
SDA
V+
ADD0
C81 0.01uF C0603
TMP112AIDRLR
SOT-563_L1.6-W1.2-P0.50-LS1.6-BR
I2C Temperature Sensor
Title
<Title>
Size A
Document Number
<Doc>
Rev
<RevCode>
Date: Friday, November 14, 2025
Sheet 1 of 1

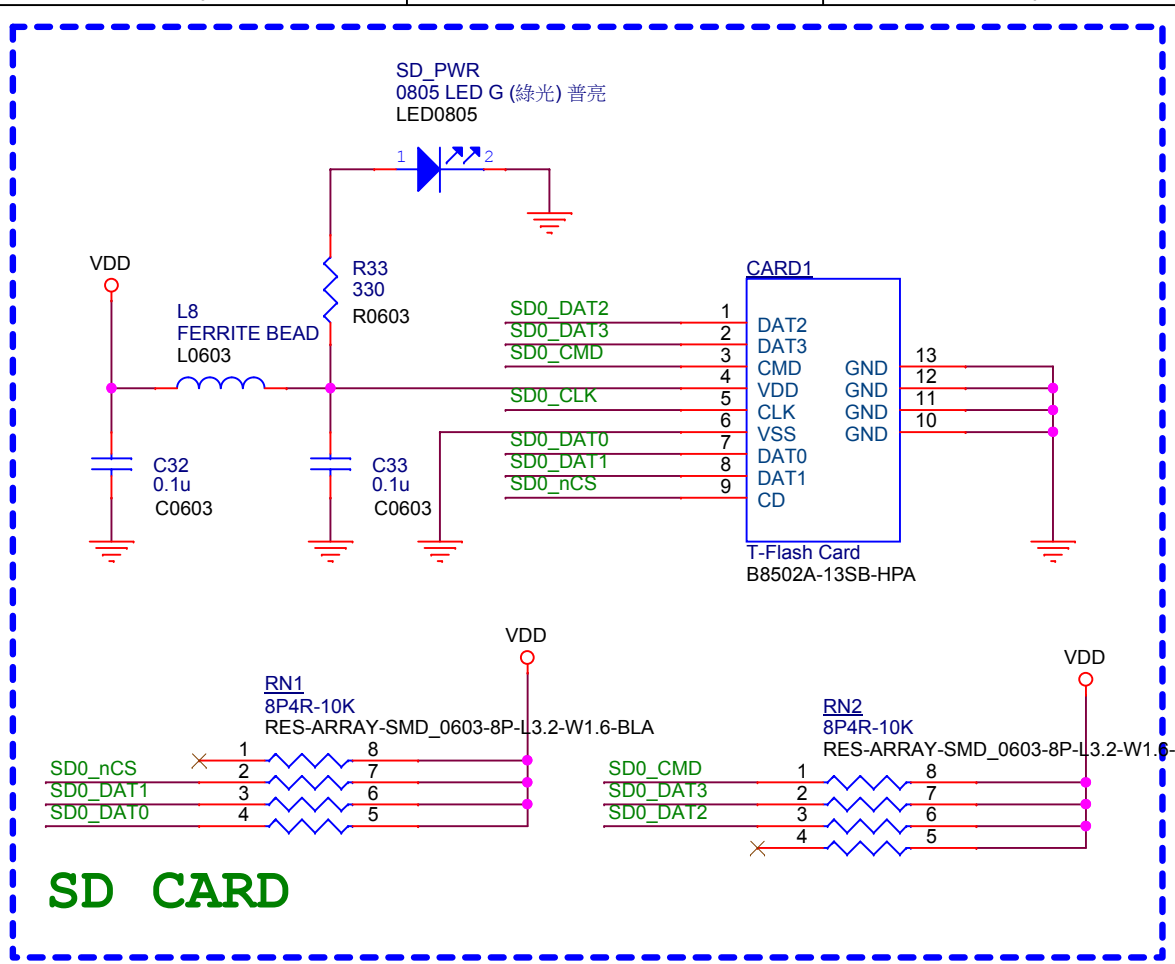


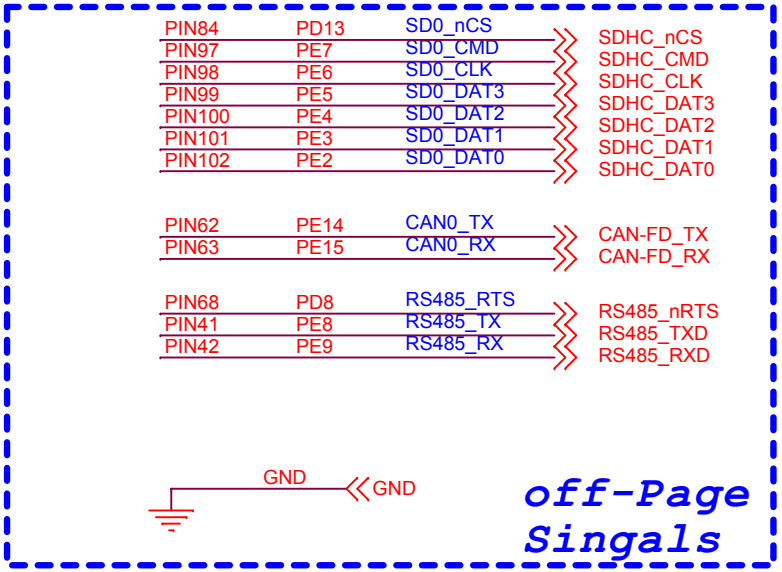
Title	<Title>	
Size A	Document Number <Doc>	Rev <RevCode>
Date: Friday, November 14, 2025	Sheet 1 of 1	

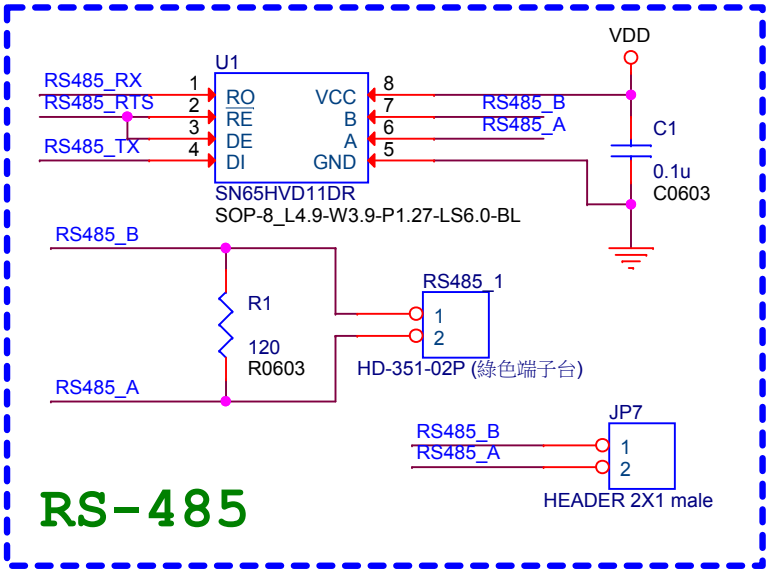

PIN105 PE1 LCM_SPI1_MISO
PIN106 PE0 LCM_SPI1_MOSI
PIN107 PH8 LCM_SPI1_CLK
PIN108 PH9 LCM_SPI1_SS
PIN109 PH10 LCM_DC
PIN11O PH11 LCM_EN
PIN111 PD14 LCM_RST
PIN5 PC12 EPWM1_CH0
PIN117 PB14 FAN_TACH
PIN92 VDD_5V
PIN57 PA3
PIN56 PA4
PIN23 PG4 STATUS_LED1
PIN24 PF11 STATUS_LED2
PIN33 PH4 SW1
PIN34 PH5 SW2
PIN35 PH6 SW3
PIN36 PH7 SW4
PIN4 PB2 Touch_YD
PIN3 PB3 Touch_XR
PIN2 PB4 Touch_YU
PIN1 PB5 Touch_XL
PIN83 PG15 LEFT
PIN85 PA12 CENTRAL
PIN77 PG9 UP
PIN78 PG10 RIGHT
PIN79 PG11 DOWN
GND
off-Page Singals
SW2 3x6x5 2PIN SMD
SW3 3x6x5 2PIN SMD
SW4 3x6x5 2PIN SMD
SW5 3x6x5 2PIN SMD
SW-SMD_4P-L6.0-W6.0-P4.50-LS9.0_H5.0
R113 R114 R115 R116
4.7K 4.7K 4.7K 4.7K
Switch
R98 LED1 STATUS_LED1
330 R0603 0805 LED G (綠光) 普亮 LED0805
R97 LED2 STATUS_LED2
330 R0603 0805 LED Y (黃光)高亮 LED0805
C95 0.1uF C0603
LED
R109 10K
R108 10K
R107 10K
R106 10K
R105 10K
U22
LEFT
CENTRAL
UP
RIGHT
DOWN
HEADER 2.54 1X4
Joystick
R110 10K
R111 10K
J11
EQEI0_A
EQEI0_B
EC12D1524403
Encoder
R101 NC
R102 0R
R103 0R
R104 NC
FANP1
FANP2
C96 10uF C0603
R100 10K
J6
FAN_TACH
EPWM1_CH0
HEADER 2.54 1X4
FAN
J10TFT LCD
LEDK
LEDA
R96 0R
LCM_EN
R94 0R
U21 SS8050
C92 0.1uF C0603
TFT-LCD
Title <Title>
Size A
Document Number <Doc>
Rev <RevCode>
Date: Friday, November 14, 2025
Sheet 1 of 1

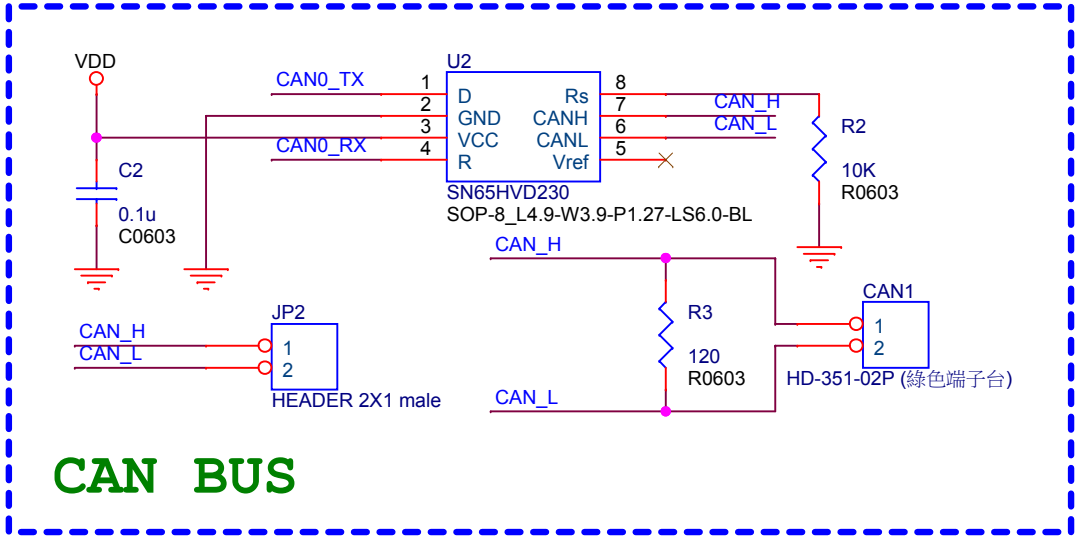


Title	NuMaker-M3333KI		
Size B	Document Number Ext. Connector		Rev r1.0
Date: Friday, November 14, 2025	Sheet 4 of 12		



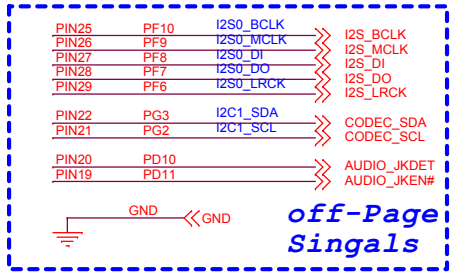


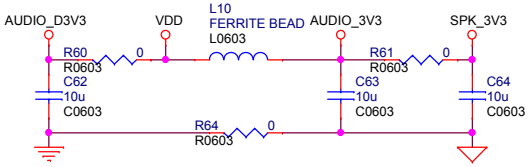


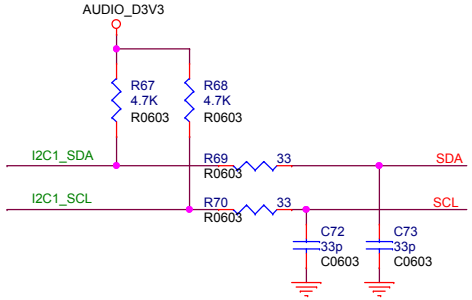


nuvoTon

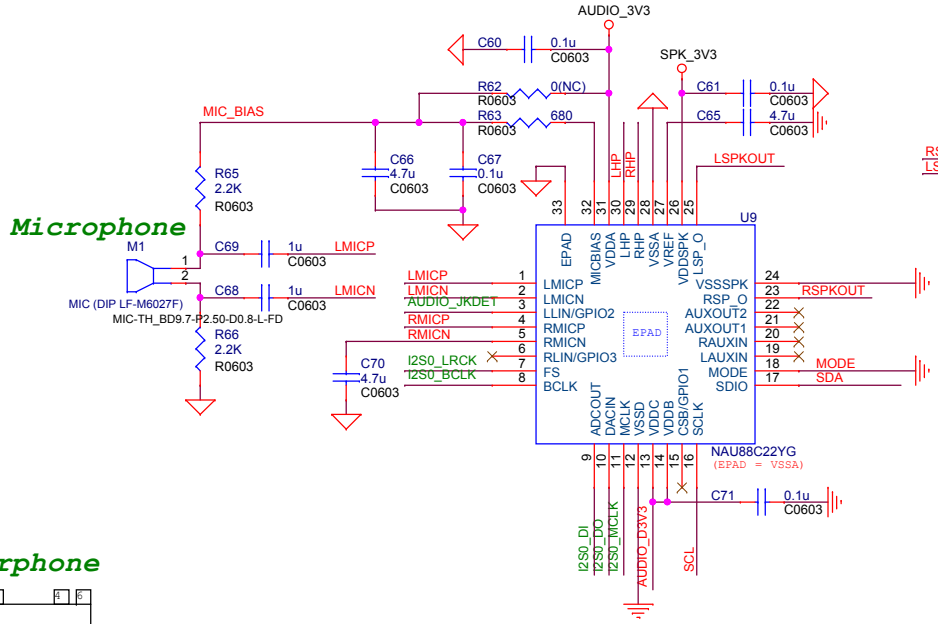
Title: NuMaker-M3334KI		
Size: A	Document Number: SD Card + CAN BUS + RS485	Rev: r1.0
Date: Thursday, November 13, 2025	Sheet 9 of 12	





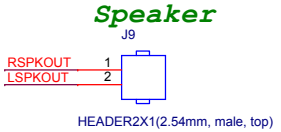


Codec

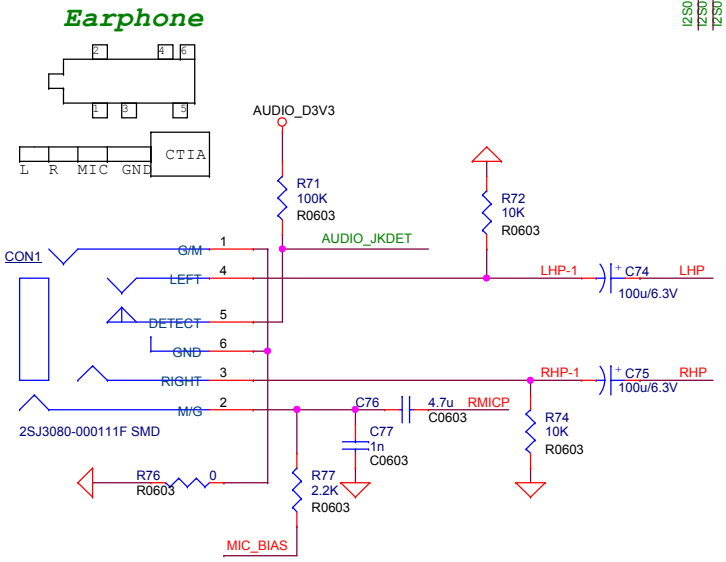


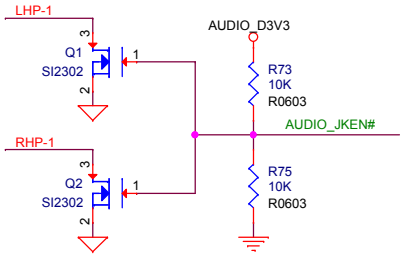
Microphone

Speaker



Earphone





nuvoTon

Title	NuMaker-M3334KI	
Size B	Document Number Audio	Rev r1.0
Date: Friday, November 14, 2025	Sheet 10 of 12	