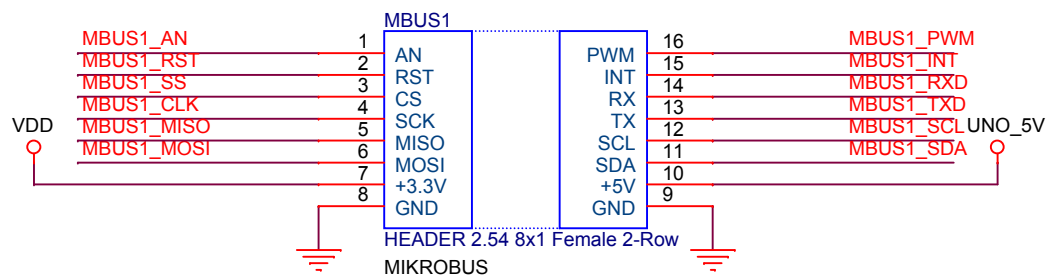
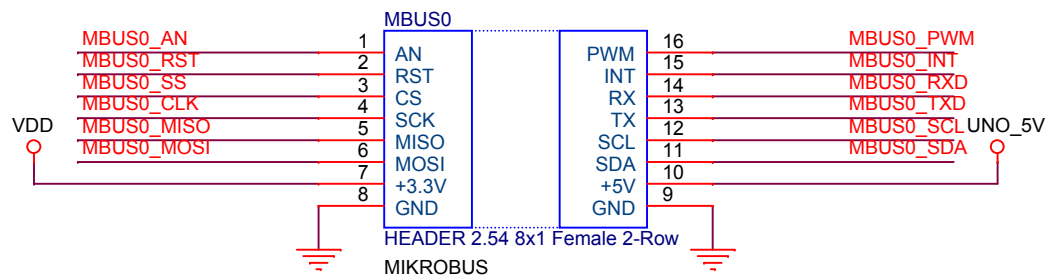


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PIN148	PH11	EPWM0_CH5	MBUS0_PWM
PIN99	PG11		MBUS0_RST
PIN100	PG12		MBUS0_INT
PIN25	PG2	I2C1_SCL	MBUS0_SCL
PIN26	PG3	I2C1_SDA	MBUS0_SDA
PIN29	PI7	SPI1_MISO	MBUS0_MISO
PIN30	PI8	SPI1_MOSI	MBUS0_MOSI
PIN31	PI9	SPI1_CLK	MBUS0_CLK
PIN32	PI10	SPI1_SS	MBUS0_SS
PIN34	PF11	UART5_TXD	MBUS0_TXD
PIN35	PF10	UART5_RXD	MBUS0_RXD

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Singals*

PIN20	PD10	EADC1_CH0	MBUS1_AN
PIN149	PD14	EPWM0_CH4	MBUS1_PWM
PIN101	PG13		MBUS1_RST
PIN102	PG14		MBUS1_INT
PIN97	PG9	I2C4_SCL	MBUS1_SCL
PIN98	PG10	I2C4_SDA	MBUS1_SDA
PIN156	PG5	SPI3_SS	MBUS1_SS
PIN157	PG6	SPI3_CLK	MBUS1_CLK
PIN158	PG7	SPI3_MISO	MBUS1_MISO
PIN159	PG8	SPI3_MOSI	MBUS1_MOSI
PIN38	PF7	UART4_TXD	MBUS1_TXD
PIN39	PF6	UART4_RXD	MBUS1_RXD

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**MikroBUS**

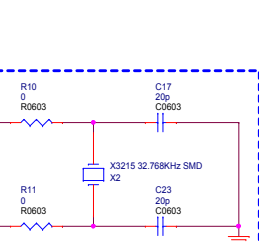
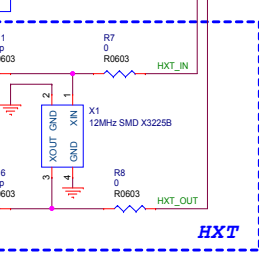
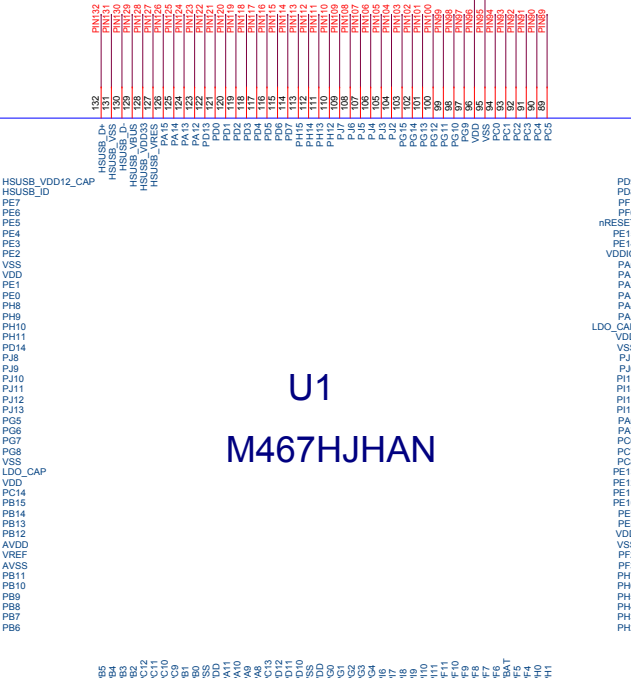
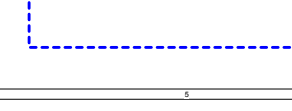
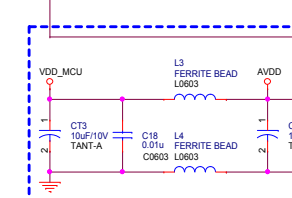
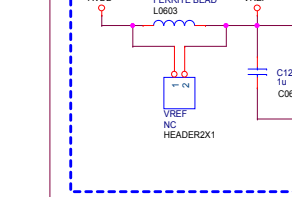
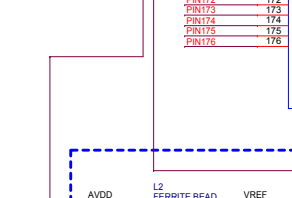
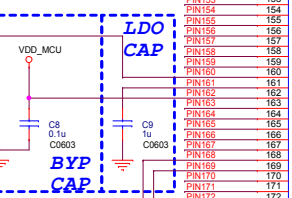
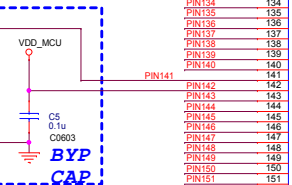
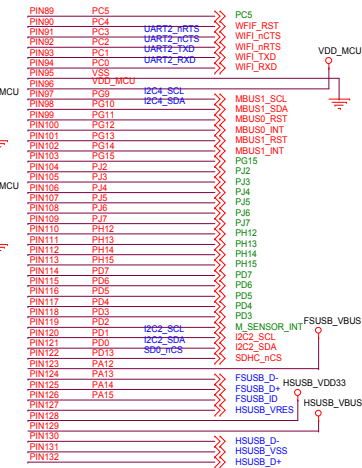
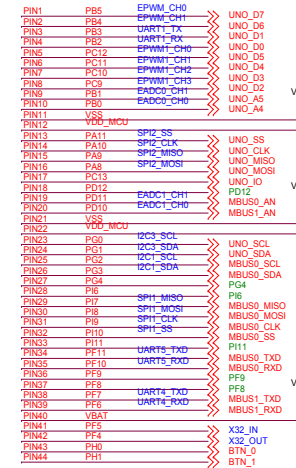
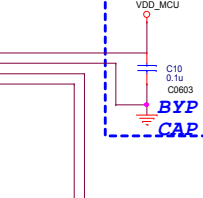
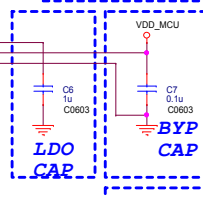
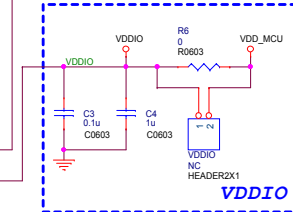
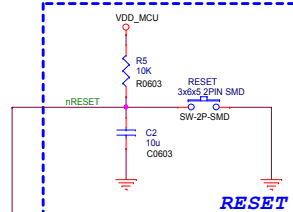
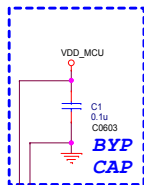
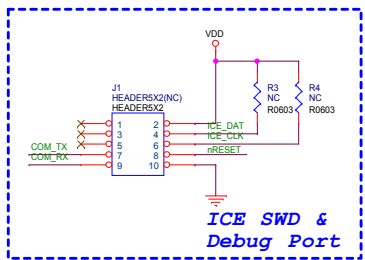
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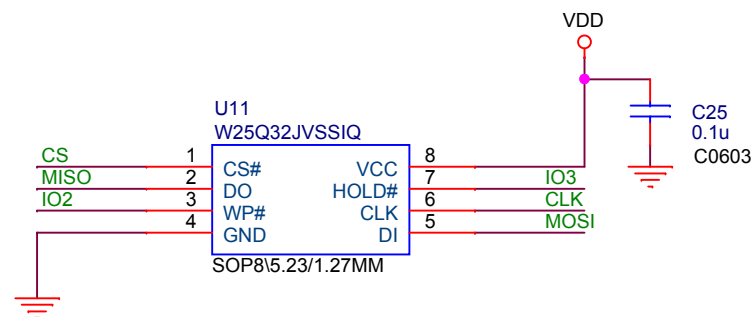
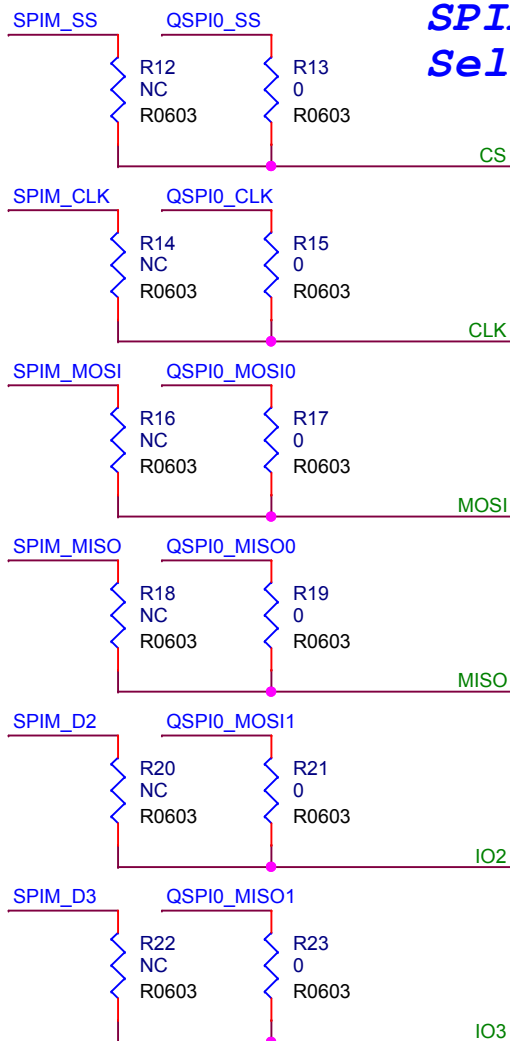


PIN66	PI12	SPIM_SS	QSPI0_MISO1	}} FLASH_nCS FLASH_MISO FLASH_IO2 FLASH_IO3 FLASH_CLK FLASH_MOSI
PIN67	PI13	SPIM_MISO	QSPI0_MOSI1	
PIN68	PI14	SPIM_D2	QSPI0_SS	
PIN69	PI15	SPIM_D3	QSPI0_CLK	
PIN70	PJ0	SPIM_CLK	QSPI0_MISO0	
PIN71	PJ1	SPIM_MOSI	QSPI0_MOSI0	

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## SPIM / QSPI Selection

These resistors are used to determine the SPI Flash is controlled by which i/f. By default, it's controlled by SPIM.



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**SPI Flash**

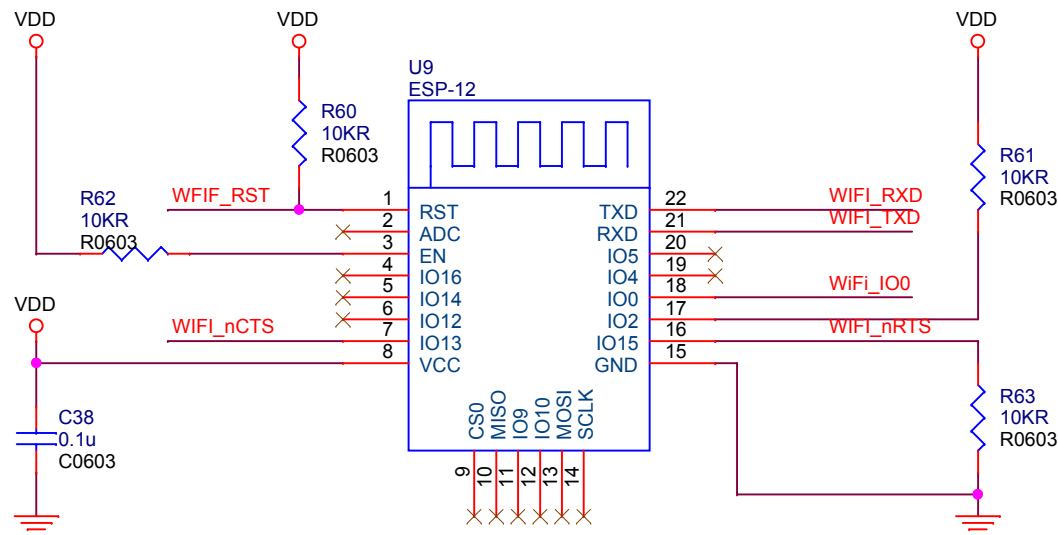
Rev  
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Date: Monday, September 19, 2022

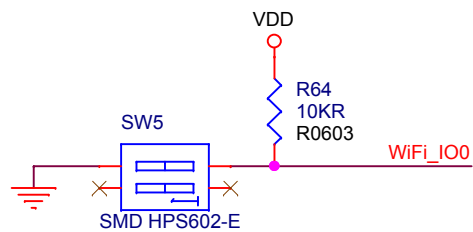
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PIN90	PC4	UART2_nRTS	WIFI_RST
PIN91	PC3	UART2_nCTS	WIFI_nCTS
PIN92	PC2	UART2_nCTS	WIFI_nRTS
PIN93	PC1	UART2_TXD	WIFI_TXD
PIN94	PC0	UART2_RXD	WIFI_RXD

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*ESP-12 WiFi Module*



*FW Update*

**nuvoTon**

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**NuMaker-IoT-M467**

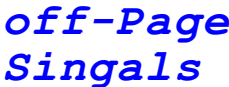
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**WiFi**

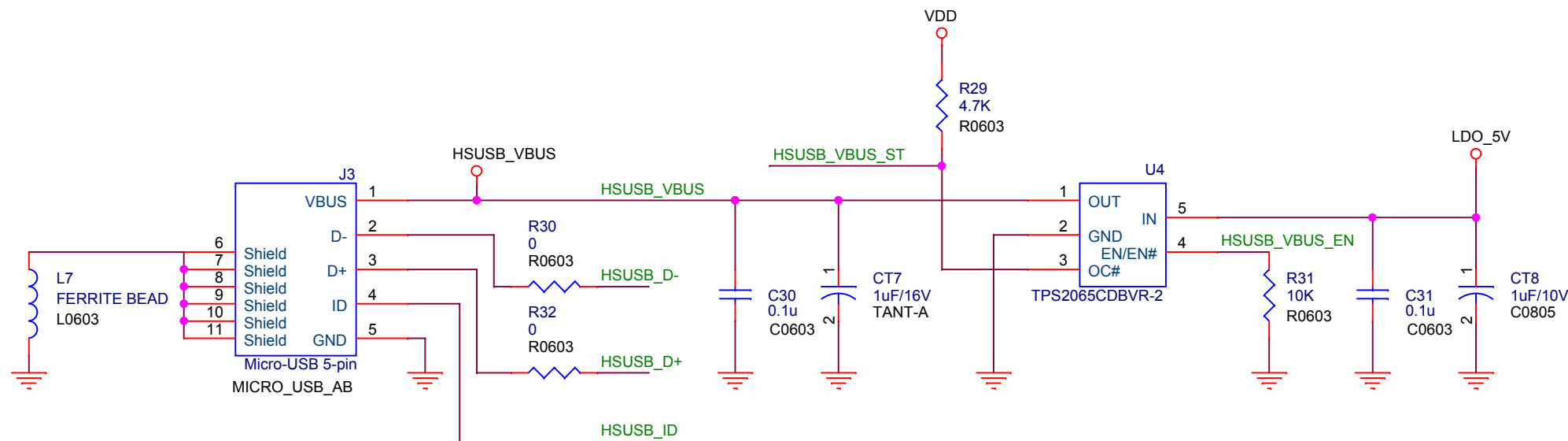
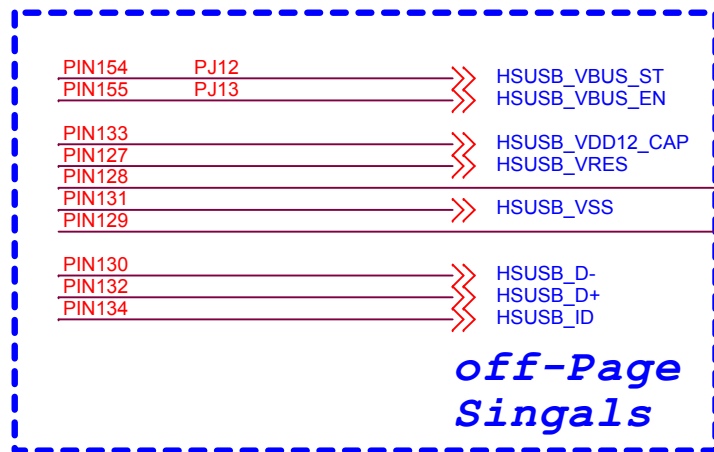
Rev  
**r1.1**

Date: Friday, September 23, 2022

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NuMaker-IoT-M467

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HS-USB

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1.0

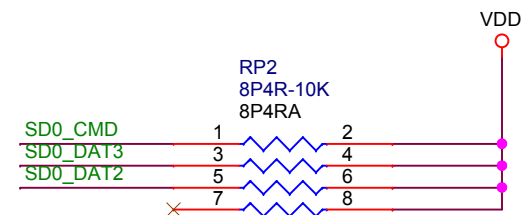
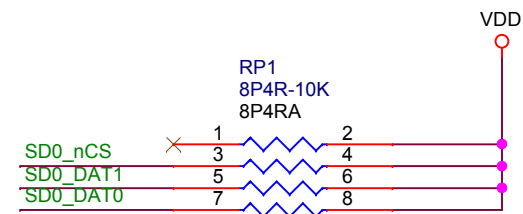
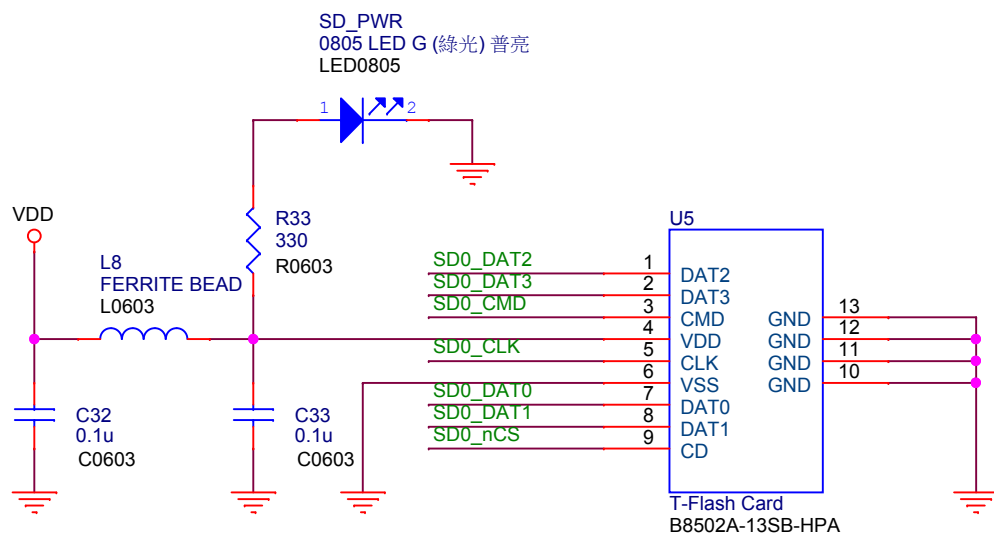
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PIN122	PD13	SD0_nCS	SDHC_nCS
PIN135	PE7	SD0_CMD	SDHC_CMD
PIN136	PE6	SD0_CLK	SDHC_CLK
PIN137	PE5	SD0_DAT3	SDHC_DAT3
PIN138	PE4	SD0_DAT2	SDHC_DAT2
PIN139	PE3	SD0_DAT1	SDHC_DAT1
PIN140	PE2	SD0_DAT0	SDHC_DAT0

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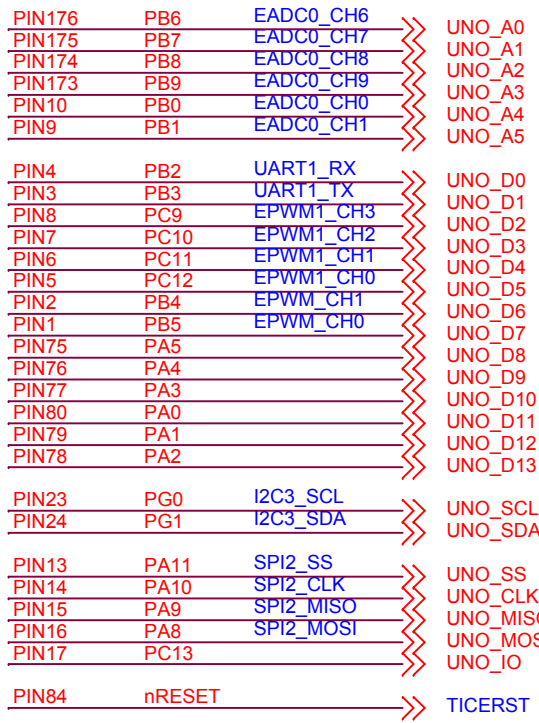
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**SD Card**

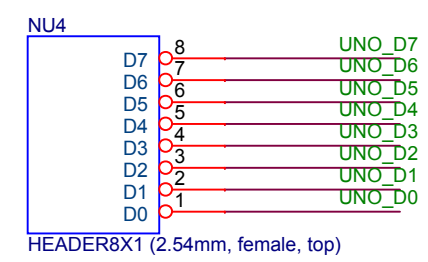
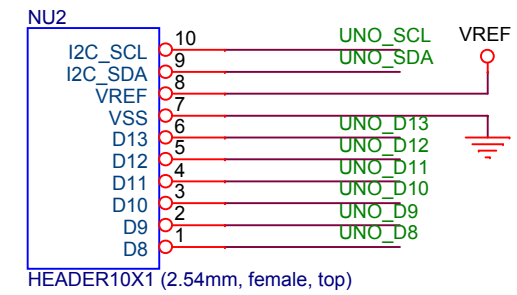
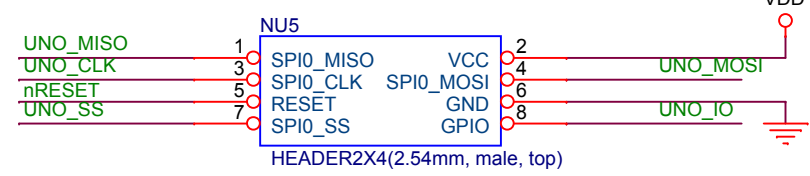
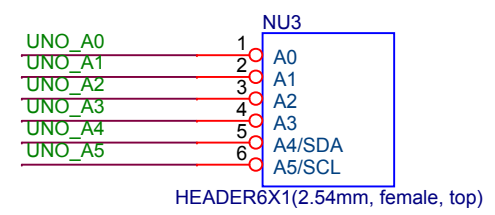
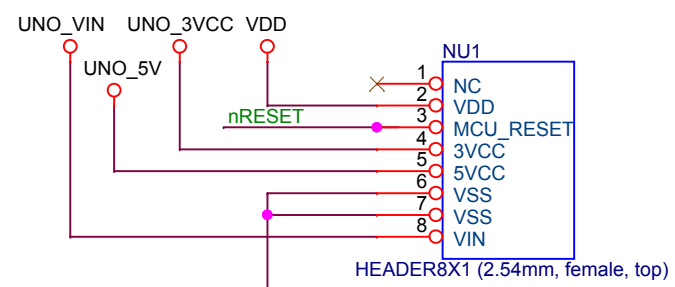
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**r1.0**

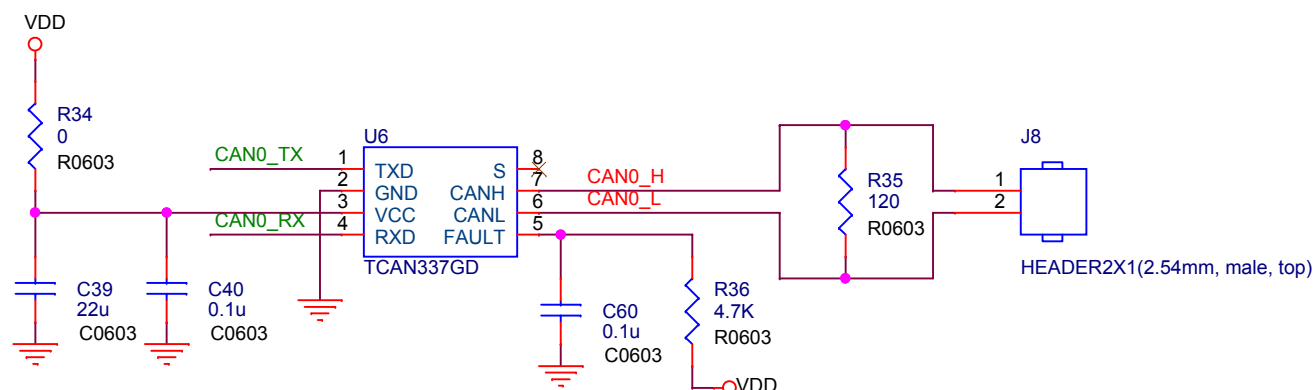
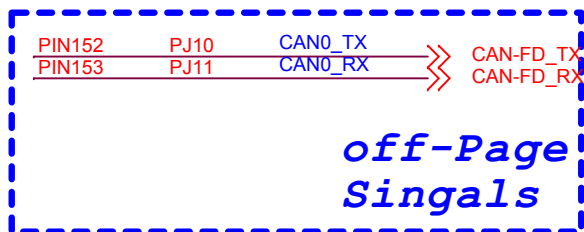
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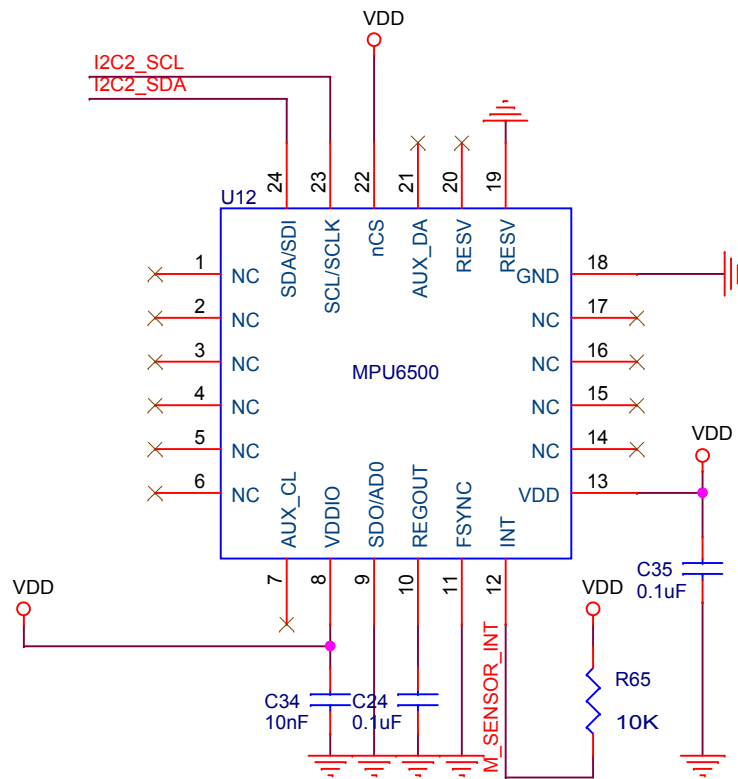




PIN121 PD0 I2C2\_SDA I2C2\_SDA  
PIN120 PD1 I2C2\_SCL I2C2\_SCL  
PIN119 PD2 M\_SENSOR\_INT M\_SENSOR\_INT

The 6-axis motion sensor (MPU6500) and thermal sensor (NCT7717U) are shared with the same I2C bus (I2C2)

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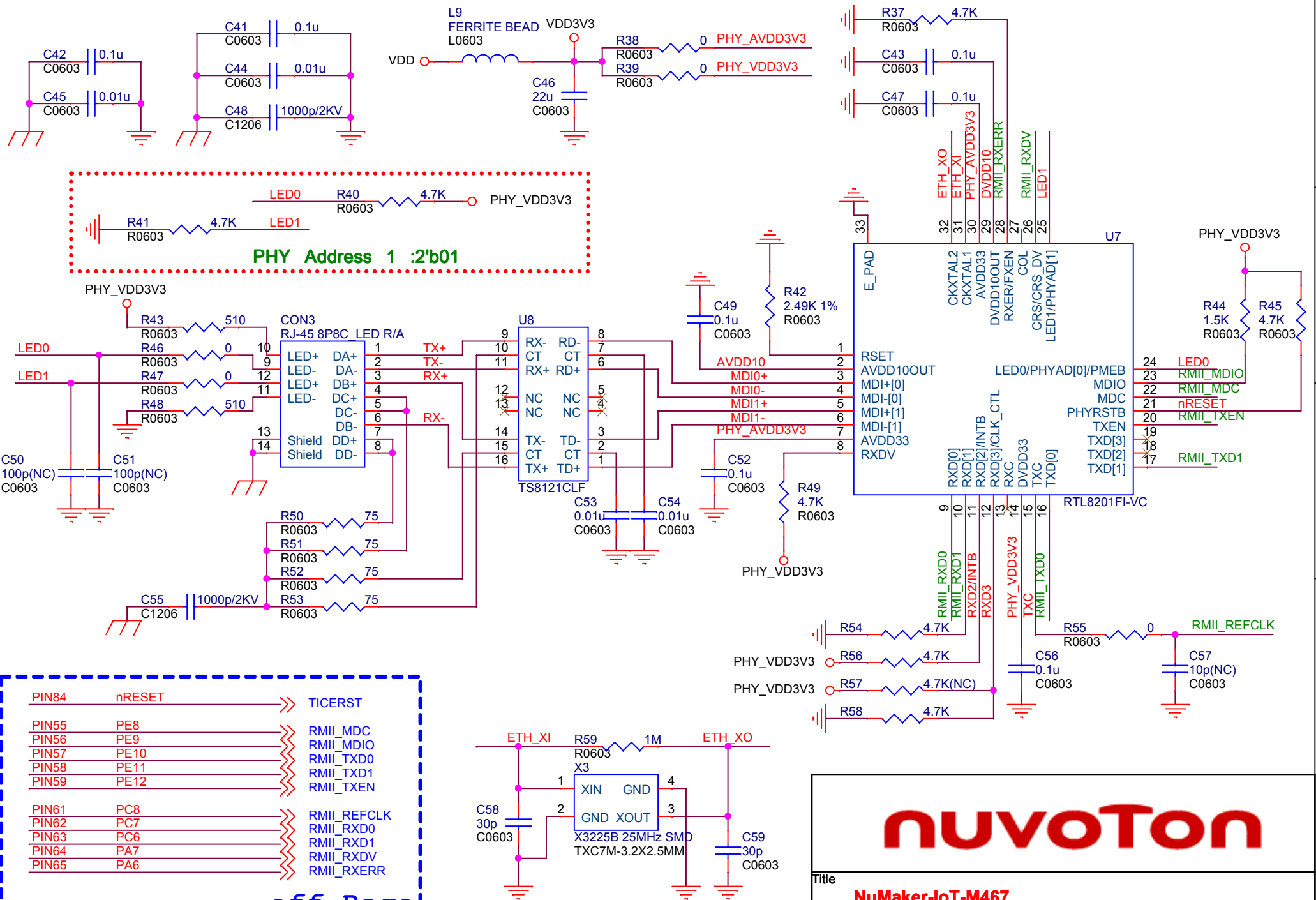
Document Number

6-Axis Motion Sensor

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**Ethernet PHY**

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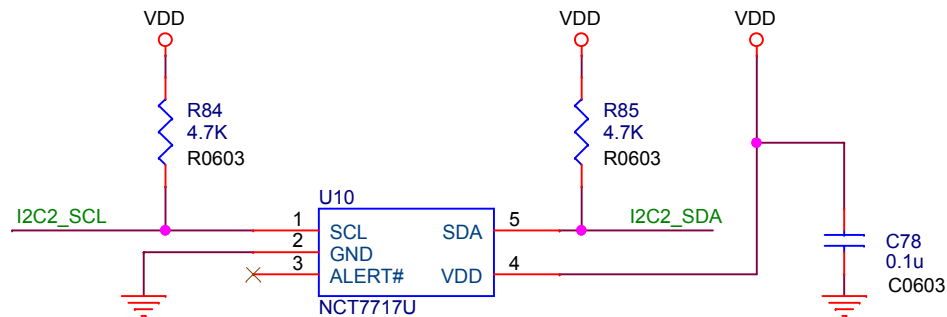
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PIN121 PD0 I2C2\_SDA  
 PIN120 PD1 I2C2\_SCL  
 The 6-axis motion sensor (MPU6500) and  
 thermal sensor (NCT7717U) are shared  
 with the same I2C bus (I2C2)

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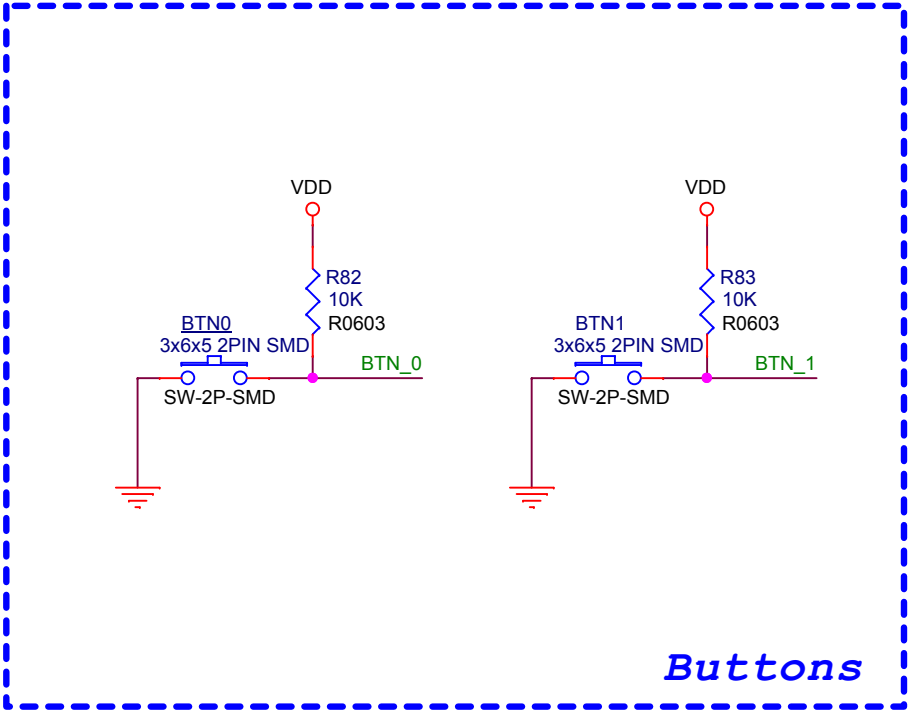
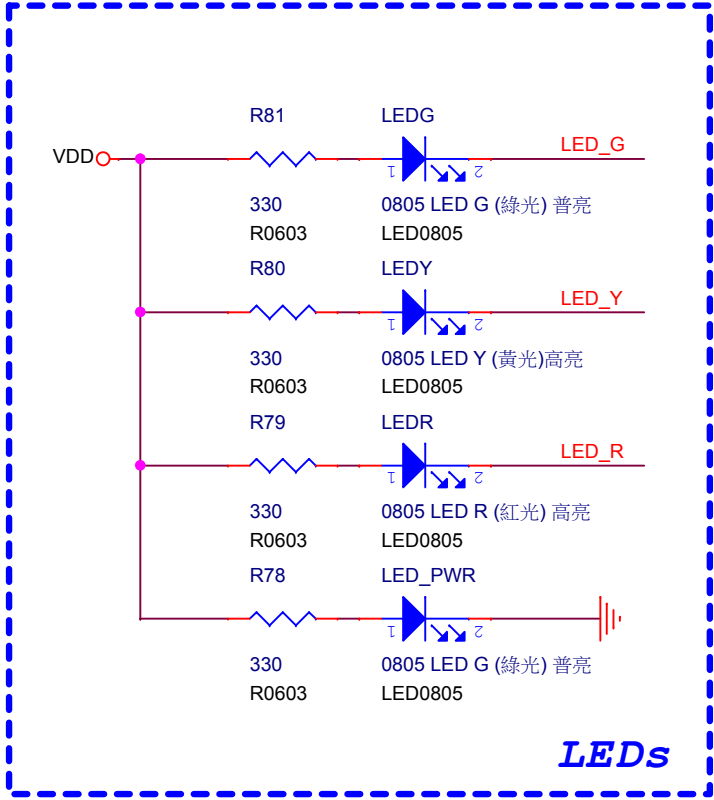
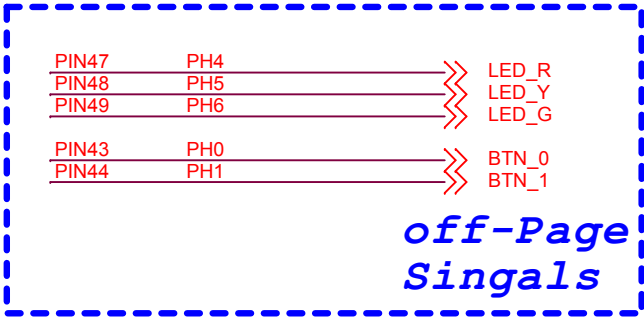
Document Number


**Thermal Sensor**

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Leds and Buttons

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