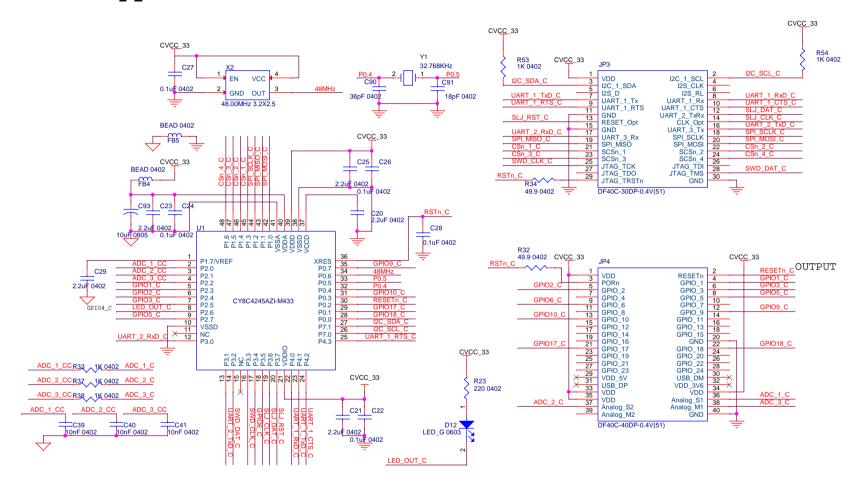
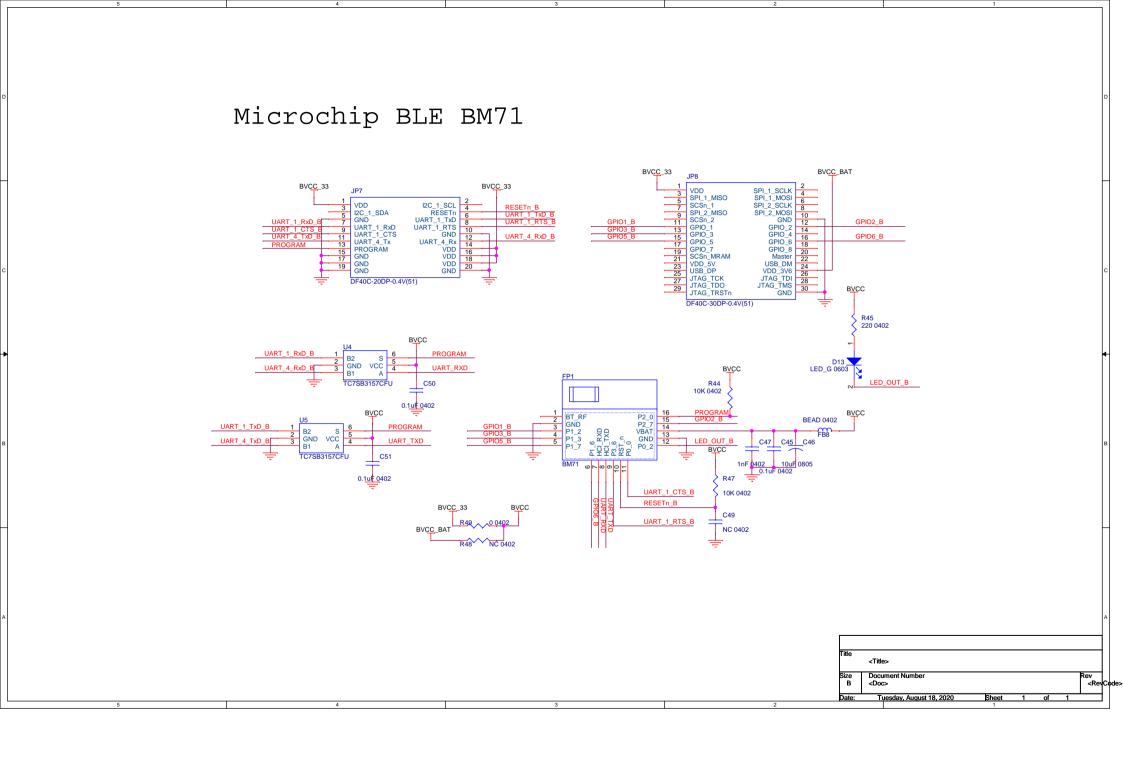
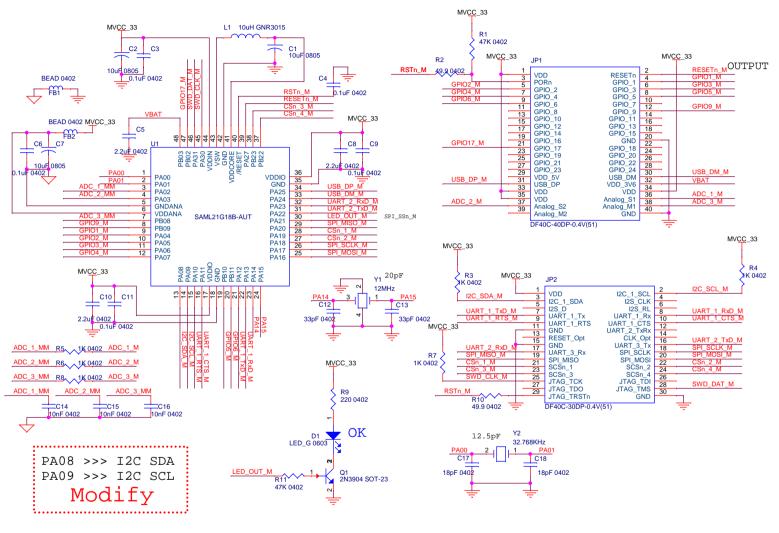
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Microchip SAML21G18B



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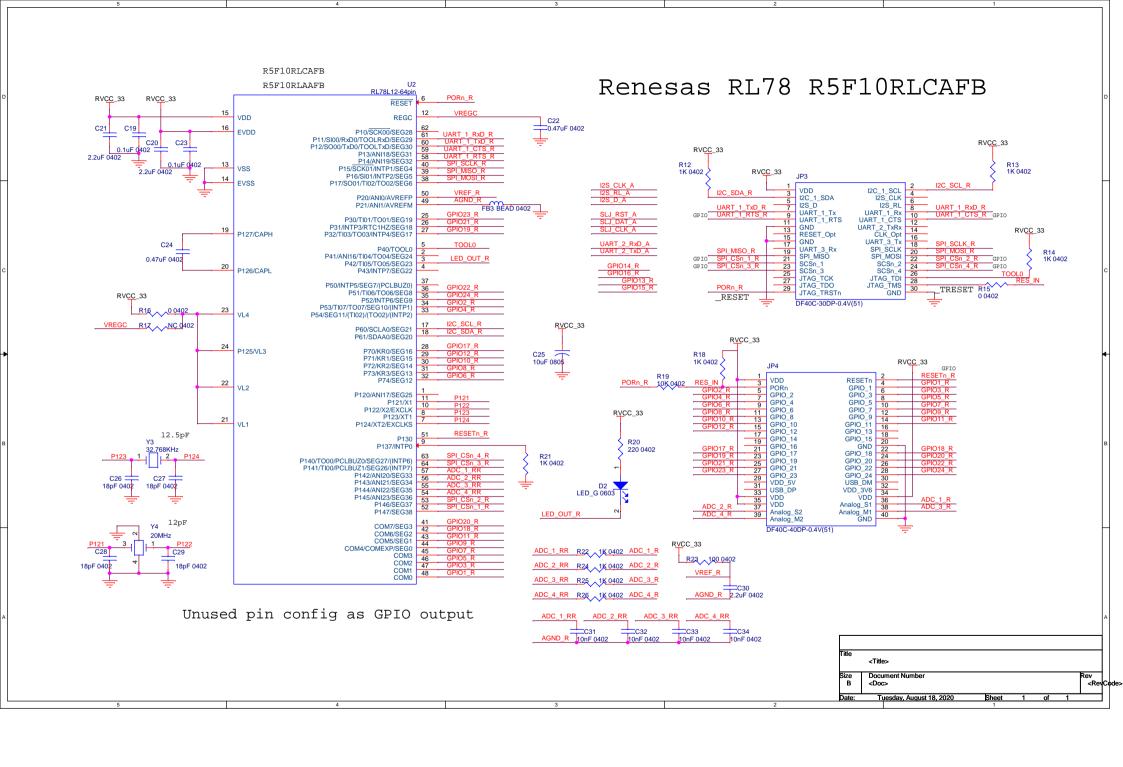
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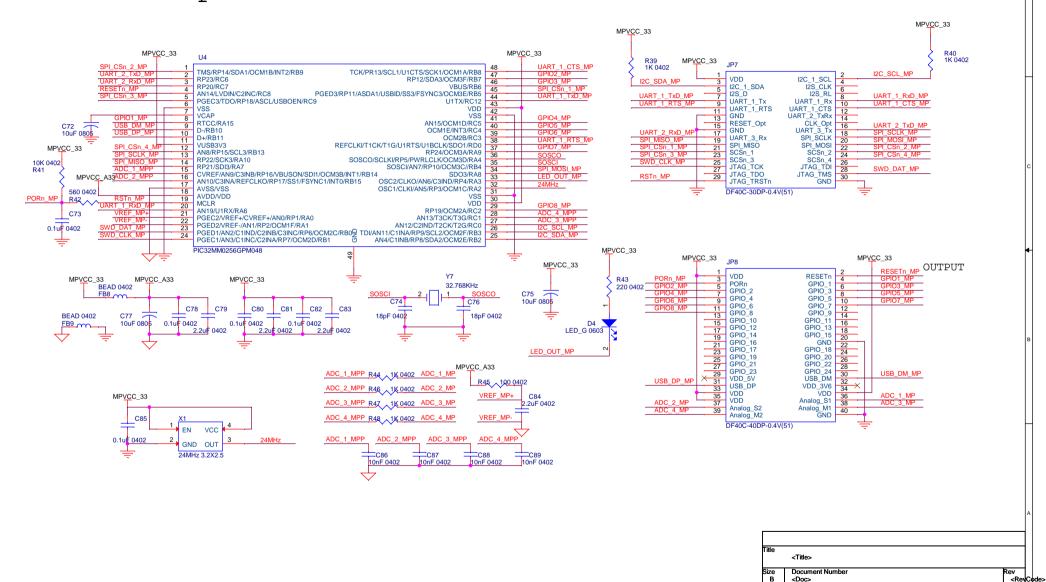
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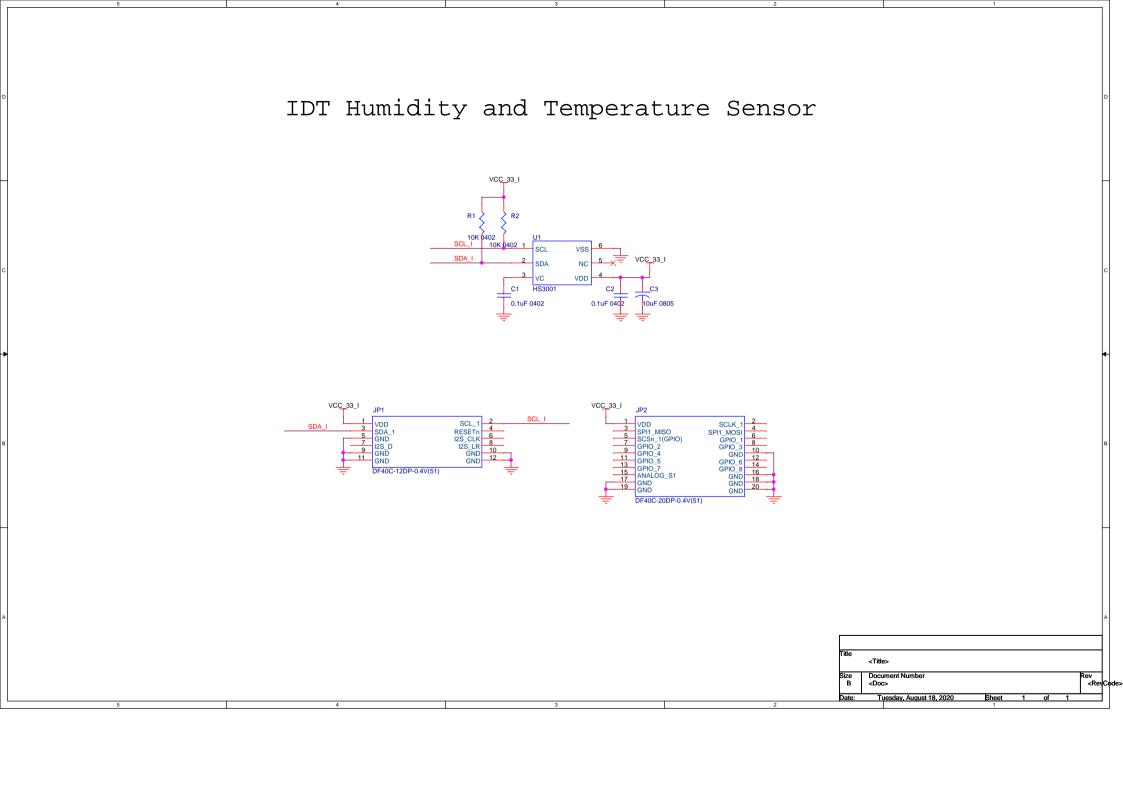
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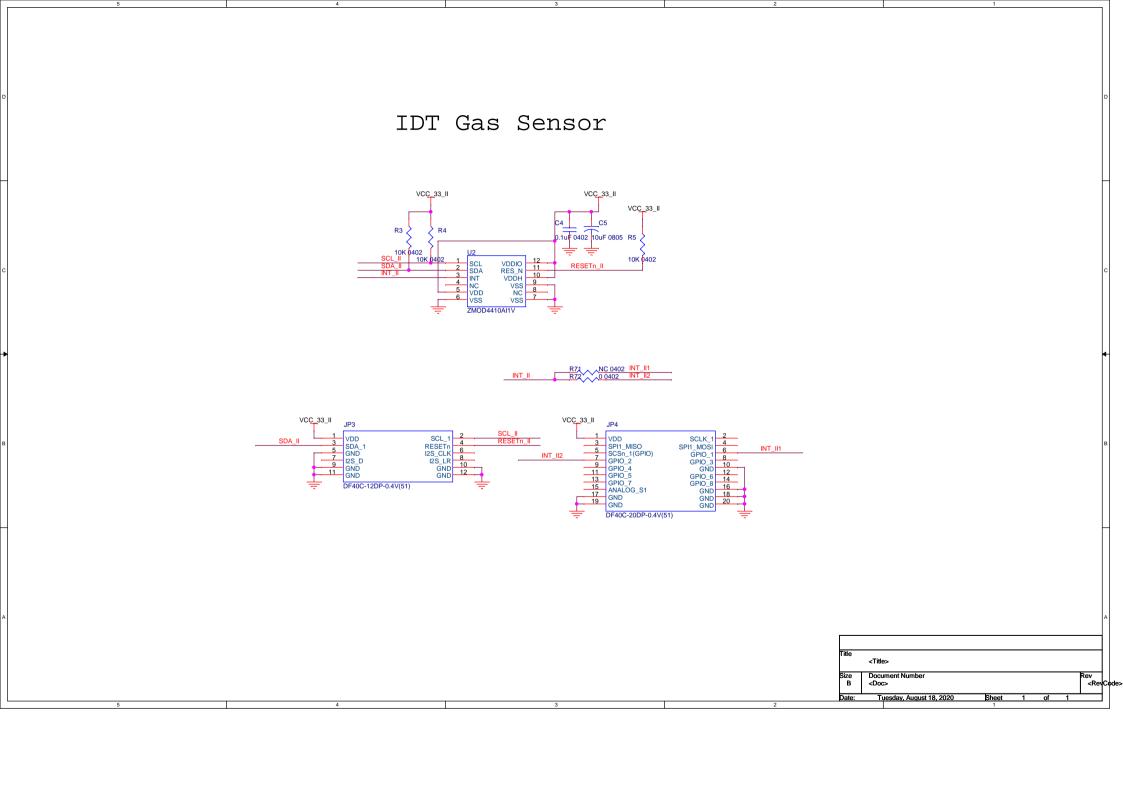
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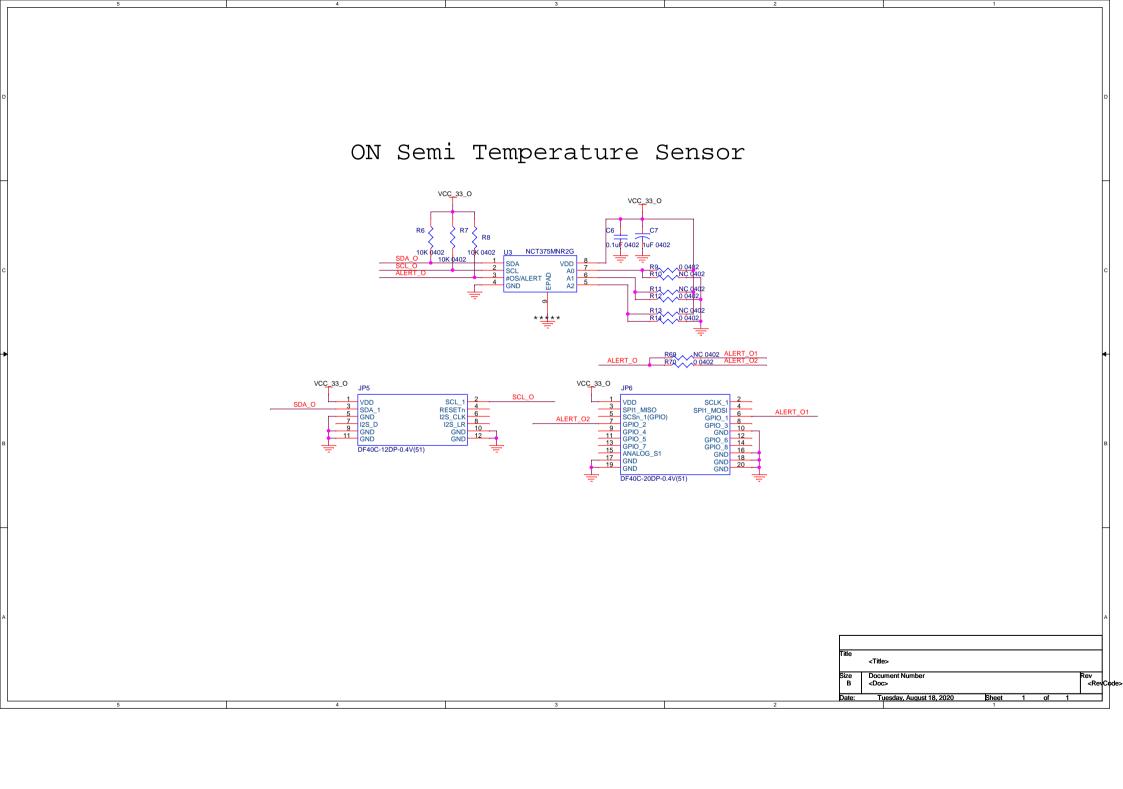


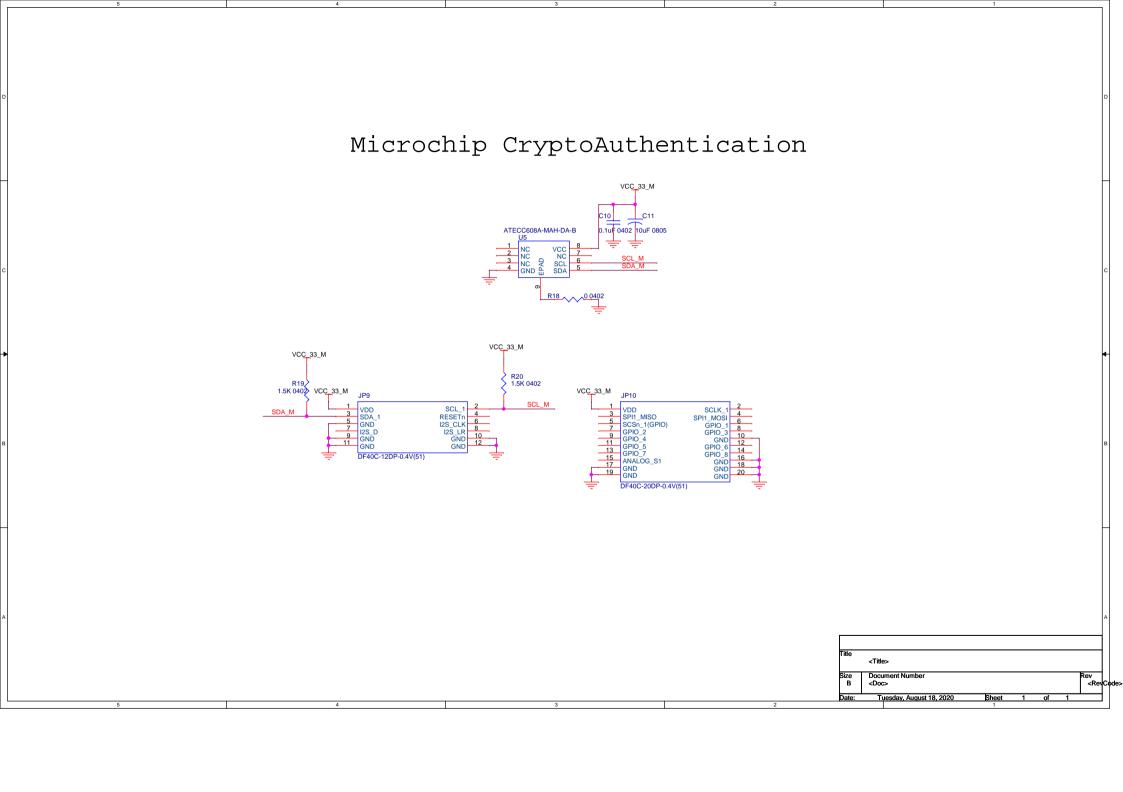
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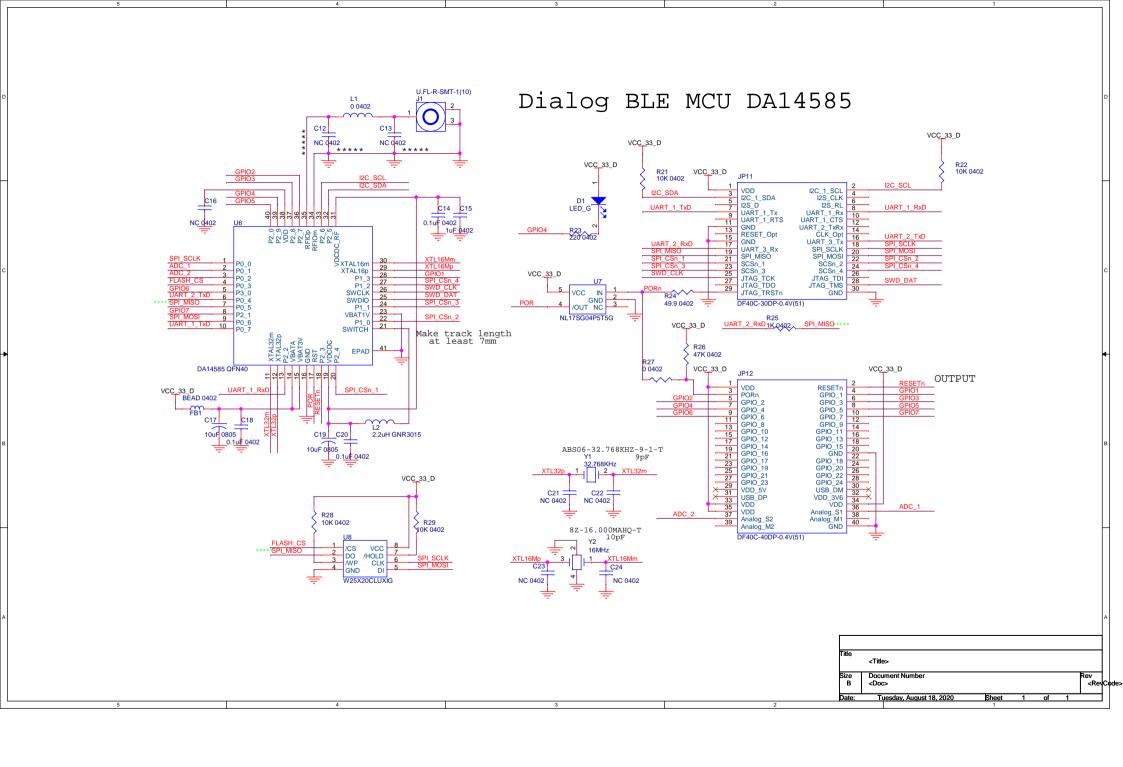
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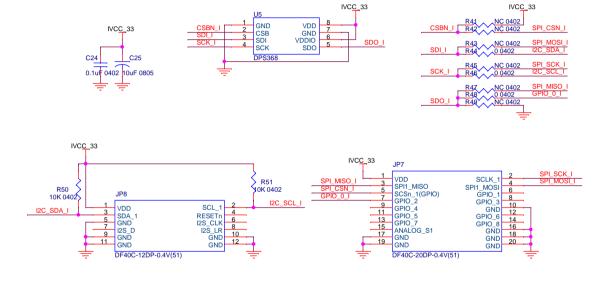






ON Semi BLE MCU RSL10 U.FL-R-SMT-1(10) L3 3nH 0402 L4 C25 J2 1.8nH 0402 1.8pF 0402 NC 0402 JTAG_TDI DIO14 R34 0 0402 GPIO2 R33 NC 0402 UART_2_TxD 0 0402 UART_1_TxD C26 L5 1nH 0402 R36 NC 0402 JTAG_TDO R37 0 0402 GPIO3 1.5pF 0402 1.5pF 0402 VCC_33_ON VCC_33_ON R38 NC 0402 JTAG_TRSTn 0 0402 GPIO1 R41 10K 0402 VCC_33_ON JP13 R40 10K 0402 VDD I2C 1 SCL 12C_1_SDA 12S_D I2S_CLK 0 0402 VCC_33_ON I2S_RL UART 1 Rx UART 1 TxD UART 1 RxD UART 1 Tx UART_1_RTS UART_1_CTS 10 UART_2_TxRx 14 R43 GND 13 15 17 220 0402 C28 RESET_Opt CLK_Opt UART_3_Tx SPI_SCLK UART_2_TxD SPLSCLK VCC_33_ON 2.2uF 0402 GND UART 2 RxD UART 3 Rx SPI_MISO SPI_MOSI SCSn_1 D2 \ R44 SCSn 3 TP2 DNU LED_G JTAG TCK DNU 100K 0402 JTAG_TMS 30 JTAG TDO 0 JTAG_TRSTn GND DF40C-30DP-0.4V(51) 49.9 0402 C30 VDDO 35 34 C31 VCC_33_ON TMS R46 680 0402 JTAG_TMS TCK R47 680 0402 JTAG_TCK NC 0402 2 VDDPA VSSD 1uF 0402 JTMS JTCK C32 5 VDDA DIO10 > 47K 0402 1uF 0402 **EXTCLK** VCC_33_ON R49 7 CAP0 VCC_33_ON JP14 DIO7 0.0402 VCC 33 ON DIO6 9 10 VBAT VDC **PORn** OUTPUT VSSD RESETn 11 NC VCC VDD RESETn DIOS C33 C34 C35 PORn GPIO 1 DIO8 GPIO2 10uF 0805 2.2uH GNR3015 100pF 0402 GPIO_2 GPIO_3 J805 100_H . 0.1<u>uF 0</u>40<u>2</u> DIO3 GPIO_4 GPIO_5 C36 C37 ABS06-32.768KHZ-9-1-T GPIO_7 12 GPIO_9 14 GPIO_6 GPIO_8 10uF 0805 EPAD 32.768KHz GPIO_11 16 GPIO_13 18 GPIO 10 GPIO_12 GPIO_15 GPIO_15 GND 20 22 GPIO_14 GPIO_16 NCH-RSL10-101Q48-ABG GND 22 GPIO_18 24 GPIO_20 26 GPIO_22 28 GPIO_24 30 USB_DM 32 VDD_3V6 34 GPIO 17 NC 0402 NC 0402 GPIO_19 GPIO_21 GPIO 23 ECS-480-8-47-JTN-TR VDD 5V C41 C40 USB_DP 8pF NC 0402 NC 0402 VDD VDD 48MHz VDD 36 Analog_S1 Analog_M1 40 VDD XTL48Mm C42 Analog S2 C43 Analog_M2 GND DNU NC 0402 DF40C-40DP-0.4V(51) TP4 DNU <Title> Document Number <Doc> <Rev(Tuesday, August 18, 2020 Sheet

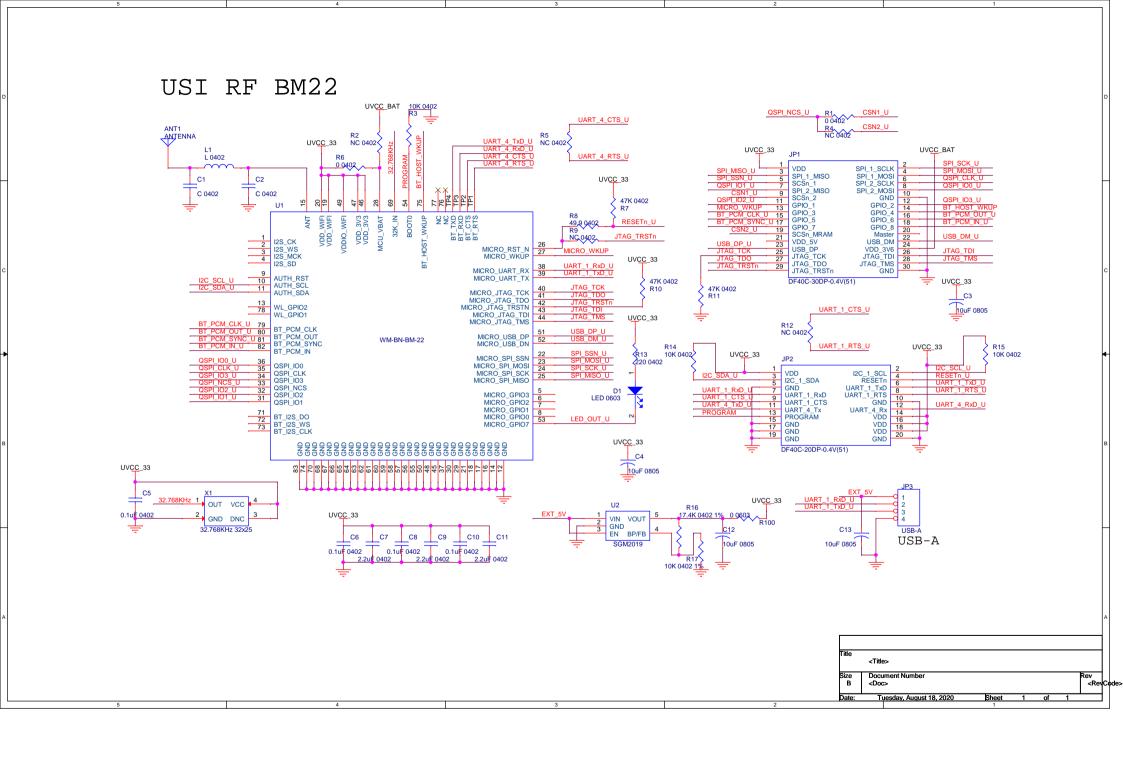
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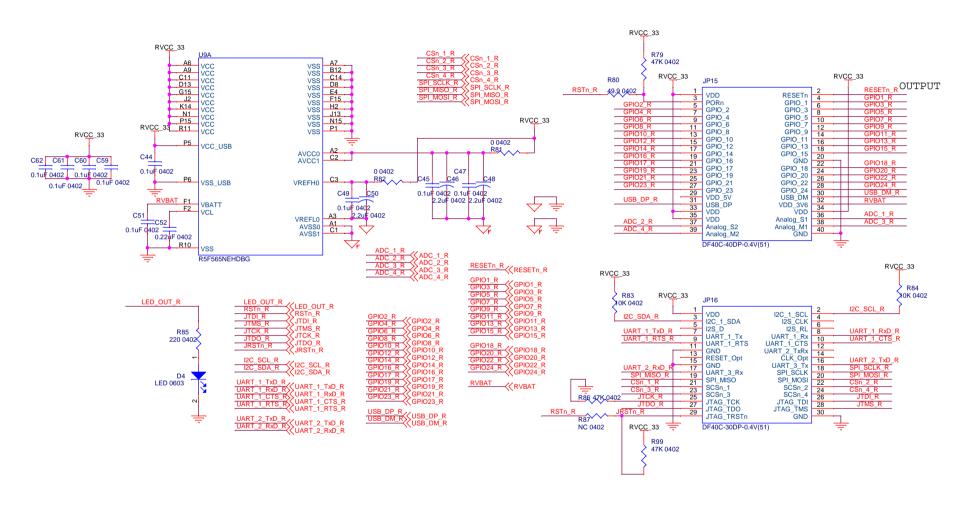
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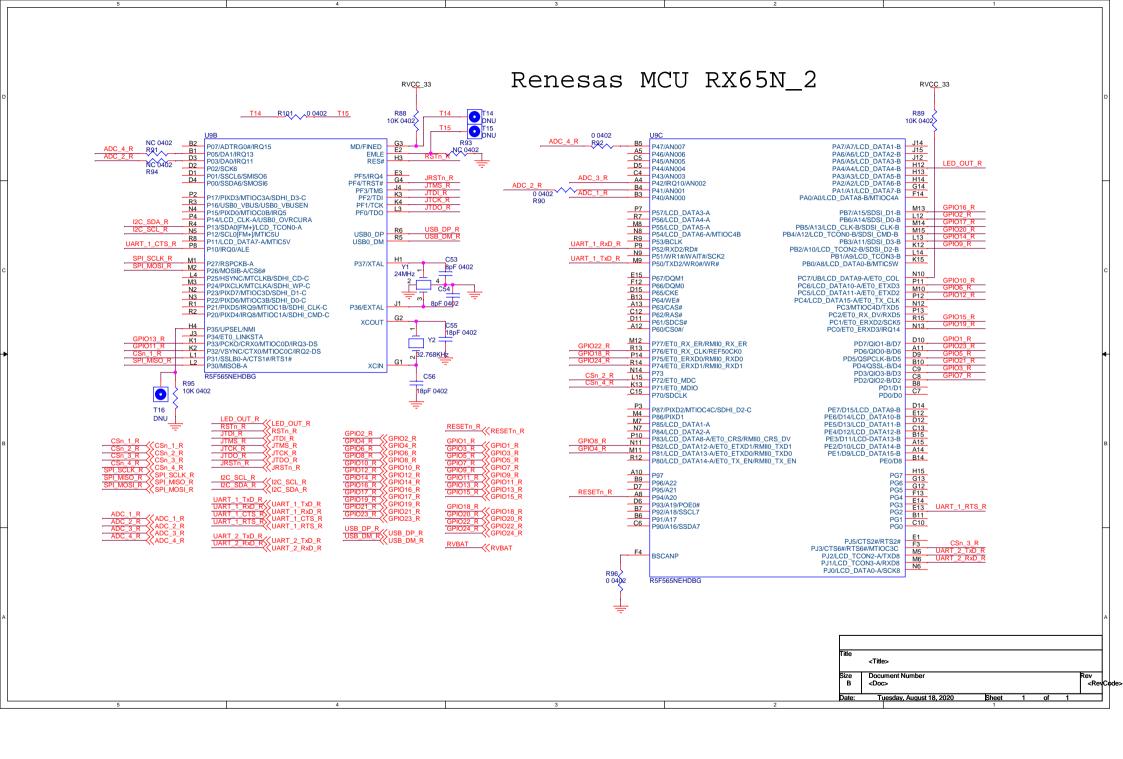
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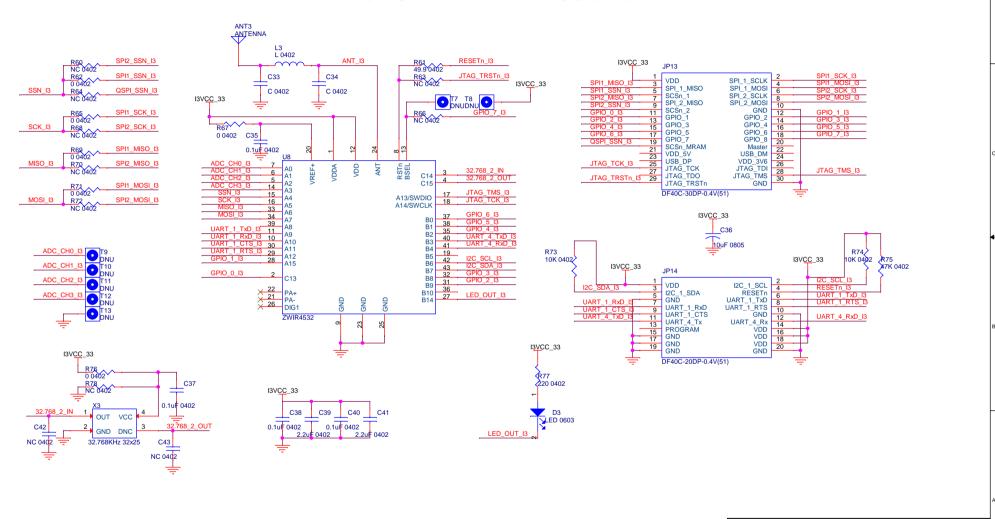
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IDT 6LowPAN RF Module



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