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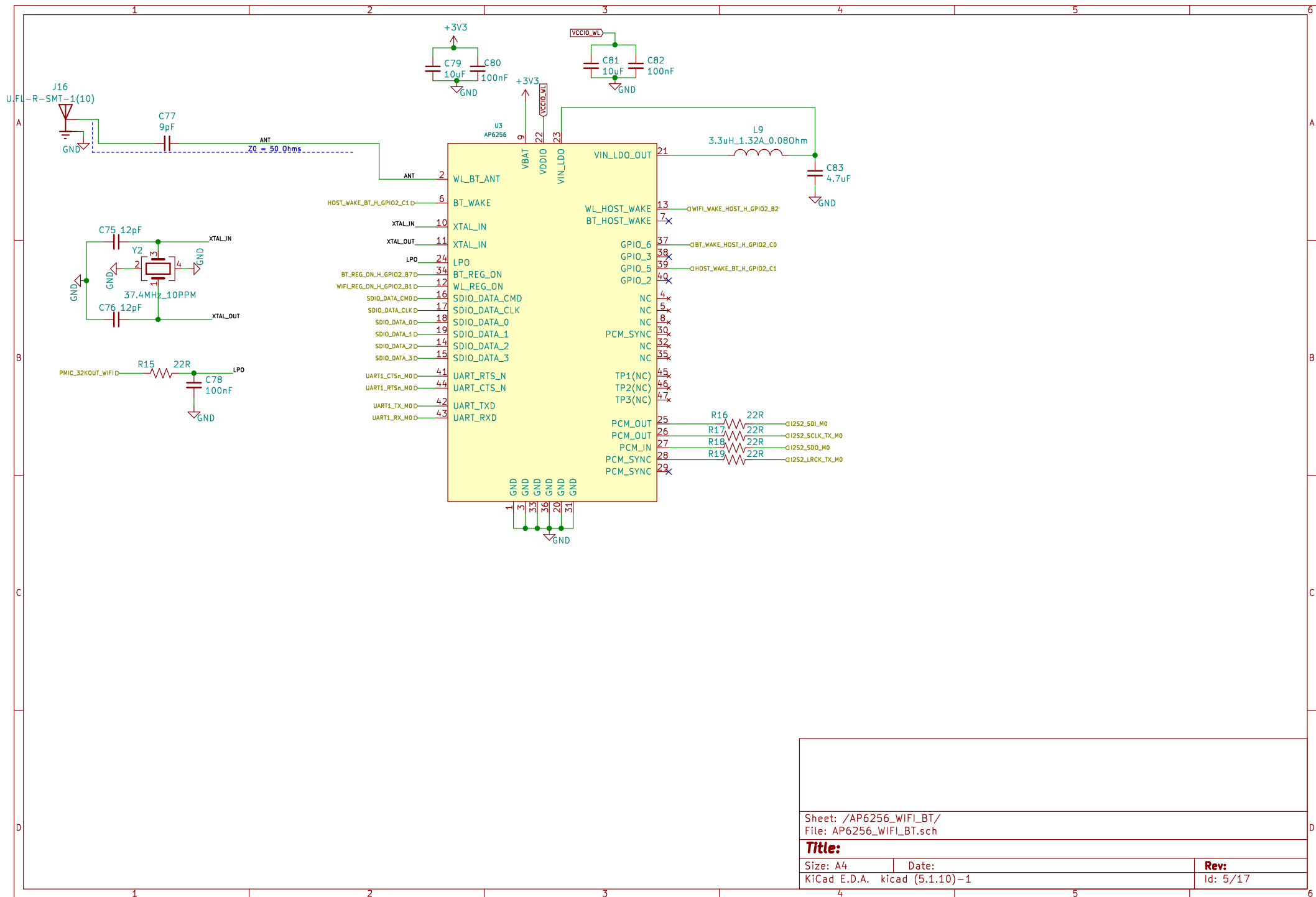
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Sheet: /AP6256_WIFI_BT/
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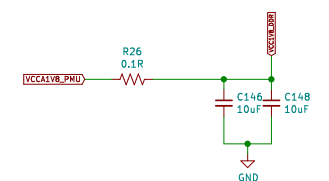
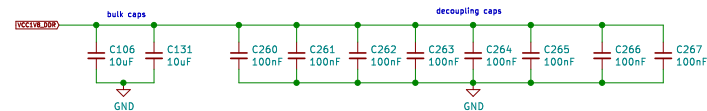
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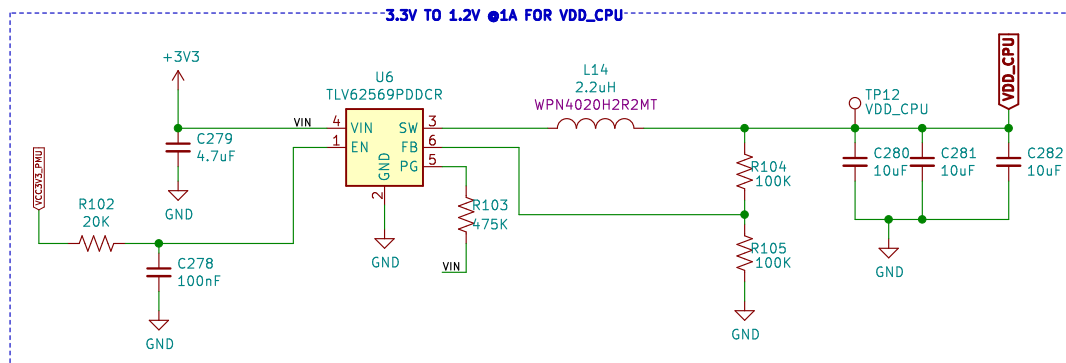
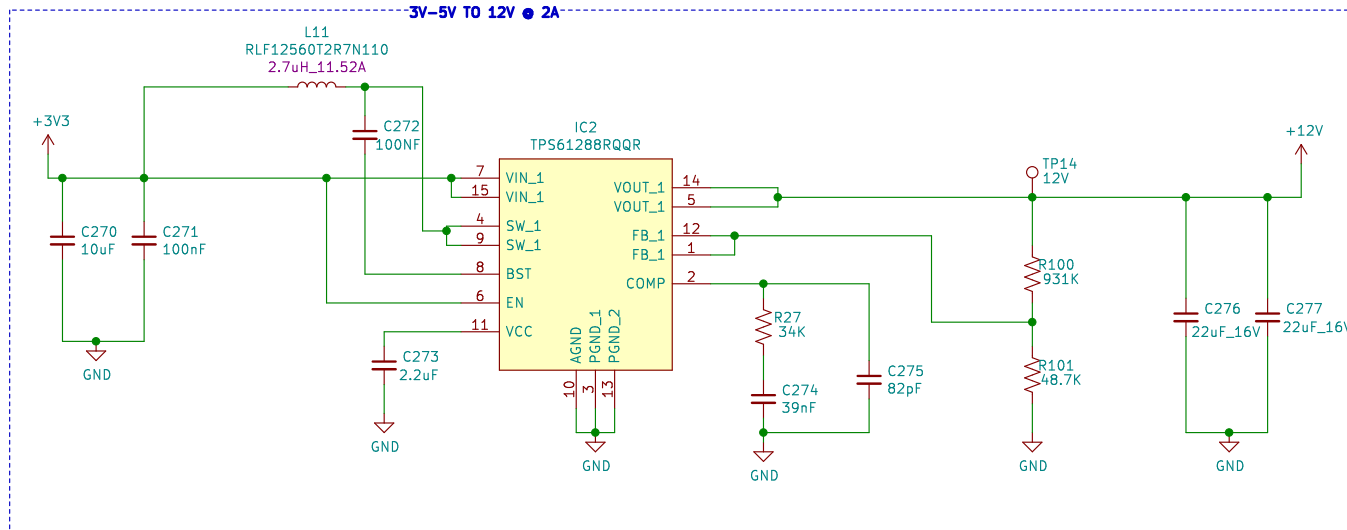
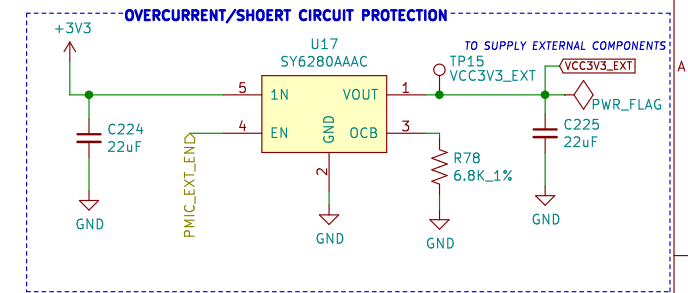
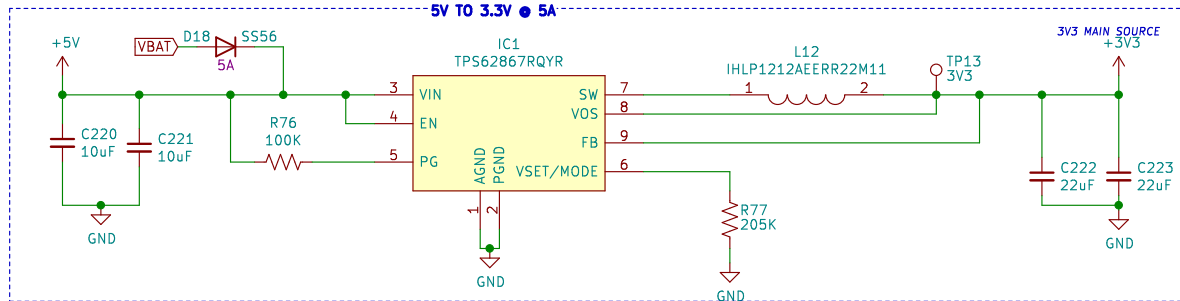
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Pinout diagram for the PDS90A32-75-032E3281-06281 component. The diagram shows a 28-pin package with pins numbered 1 to 28. Pins 1-14 are labeled with functions like F1, F2, G4, G9, T4, T9, U1, U12, B3, B5, BB, D10, D1, D5, D8, D12, F3, F10, U5, U10, W1, W5, W8, W12, AA3, AA5, AA8, AA10, A4, A9, F5, FB, H1, H5, H8, H12, K4, K5, K10, K12, N1, N3, N10, N12, R1, R5, R8, R12, U5, U8, AB4, AB9. Pins 15-28 are labeled with functions like VDD0.1, VDD0.2, VDD0.3, VDD0.4, VDD0.5, VDD0.6, VDD0.7, VDD0.8, VDD0.9, VDD0.10, VDD0.11, VDD0.12, VDD0.13, VDD0.14, VDD0.15, VDD0.16, VDD0.17, VDD0.18, VDD0.19, VDD0.20, VDD0.21, VDD0.22, VDD0.23, VDD0.24. Pins 29-36 are labeled with functions like VSS.1, VSS.2, VSS.3, VSS.4, VSS.5, VSS.6, VSS.7, VSS.8, VSS.9, VSS.10, VSS.11, VSS.12, VSS.13, VSS.14, VSS.15, VSS.16, VSS.17, VSS.18, VSS.19, VSS.20, VSS.21, VSS.22, VSS.23, VSS.24, VSS.25, VSS.26, VSS.27, VSS.28, VSS.44, VSS.45, VSS.46, VSS.47, VSS.48, VSS.49, VSS.50, VSS.51, VSS.52, VSS.53, VSS.54, VSS.55, VSS.56, VSS.57, VSS.58. Pins 37-44 are labeled with functions like A3, C1, C5, C8, C12, D2, D4, D9, D11, E1, E5, E8, E12, G1, G3, G5, G8, G10, G12, J1, J3, J10, J12, K2, K4, K9, K11, V1, V5, V8, V12, W2, W4, W9, Y1, Y5, Y8, Y12, AB3, AB5, AB8, AB10. Pins 45-52 are labeled with functions like A1, A2, A12, B1, B12, DNU.1, DNU.2, DNU.3, DNU.4, DNU.5, DNU.6, DNU.7, DNU.8, DNU.9, DNU.10, DNU.11, DNU.12. Pins 53-60 are labeled with functions like AA1, AA2, AB1, AB2, AB11, AB12. The diagram also shows a GND symbol at the bottom right.



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U1C
RK3566

GPIO1_B4_DISPLAY_ONED—A32
LCD_1_EN_GPIO1_B8_C7D—B27
TP_INT_GPIO1_B8_DISPLAY_ONED—B32
BL_EN_GPIO1_B7_DISPLAY_ONED—B29
LCD_RST_L_GPIO1_C0_DISPLAY_ONED—A30
TP_RST_L_GPIO1_C2_DISPLAY_ONED—B30
GPIO1_C2_u_DISPLAY_TWOD—B30
LCD_2_EN_GPIO1_C3_u_DISPLAY—A33
TP_INT_GPIO0_A8_DISPLAY_TWOD—A27
BL_EN_GPIO0_C0_DISPLAY_TWOD—A29
LCD_RST_L_GPIO0_C2_DISPLAY_TWOD—A16
TP_RST_L_GPIO0_C6_DISPLAY_TWOD—B16

FSPI_CLK—A415
FSPI_D0—A417
FSPI_D1—A418
FSPI_CS0n—A417
FSPI_D3—A415
VCCIO2—A413

UART6_TX_M1D—A120
UART6_RX_M1D—A119
UART6_TX_M1D—A120
UART6_RX_M1D—A119

LCD_BL_PWM10_M0_DISPLAY_TWOD—A119
VCCIO3—A117

USB_OTG0_D+D—A137
USB_OTG0_D-D—A138
TP9
USB_OTG0_I—A138
USB_OTG0_VBUSDET—A137
USB_OTG0_D—A137

4G_MODULE_USB_D+D—A119
4G_MODULE_USB_D-D—A120
USB_HOST1_DP—A117
USB_HOST1_DM—A116
USB_AVDD1_0V9—A118
USB_AVDD1_1V8—A117
USB_AVDD1_3V3—A118

SATA_INTERFACE
SATA1_TX+D—A37
SATA1_TXn—A38
SATA1_RX+D—A38
SATA1_RXn—A37

PCIE20_TXp/SATA2_TXp—A437
PCIE20_TXn/SATA2_TXn—A438
PCIE20_RXp/SATA2_RXp—A437
PCIE20_RXn/SATA2_RXn—A438

PCIE20_REFCLKp—A419
PCIE20_REFCLKn—A420
MULTI_PHY_AVDD0_0V9—A417
MULTI_PHY_AVDD0_1V8—A417

USB_HOST2_DP—A417
USB_HOST2_DM—A416
USB_HOST3_DP—A417
USB_HOST3_DM—A416
USB_AVDD2_0V9—A419
USB_AVDD2_1V8—A418
USB_AVDD2_3V3—A417

GPIO4_A7_d—A181
GPIO4_B0_d—A182
GPIO4_B1_d—A62
GPIO4_B2_d—A62
GPIO4_B3_d—A62
GPIO4_B4_d—A61
GPIO4_B5_d—A61
GPIO4_B6_d—A11
GPIO4_B7_d—A62
GPIO4_C0_d—A82
GPIO4_C1_d—A81

SDMMC1_D0—A119
SDMMC1_D1—A118
SDMMC1_D2—A119
SDMMC1_D3—A120
SDMMC1_CMD—B35
SDMMC1_CLK—B37
SDMMC1_PWRn—A35
SDMMC1_DET—B34

UART1_RX_M0—A120
UART1_TX_M0—A38
UART1_RTSn_M0—A37
UART1_CTSn_M0—A37

I2S2_SCLK_RX_M0—A37
I2S2_LRCK_RX_M0—A37
I2S2_MCLK_M0—A37
I2S2_SCLK_TX_M0—A37
I2S2_LRCK_TX_M0—A37
I2S2_SDO_M0—A37

CLK32K_OUT1_WIFI—A38

SPI3_CLK_M1—A117
SPI3_MOSI_M1—A118
I2S3_LRCK_M1—A118
SPI3_MISO_M1—A118
SPI3_CS0_M1—A116
VCCIO4—A116
HDMI_TX_SCL—A117
HDMI_TX_SDA—A117
HDMI_TX_CEC_M—A117

VCCIO7—A118

SARADC_VIN0—A117
SARADC_VIN1—A117
SARADC_VIN2—A118
SARADC_VIN3—A117

SARADC_AVDD0_1V—A116
OTP_VCC18—A116

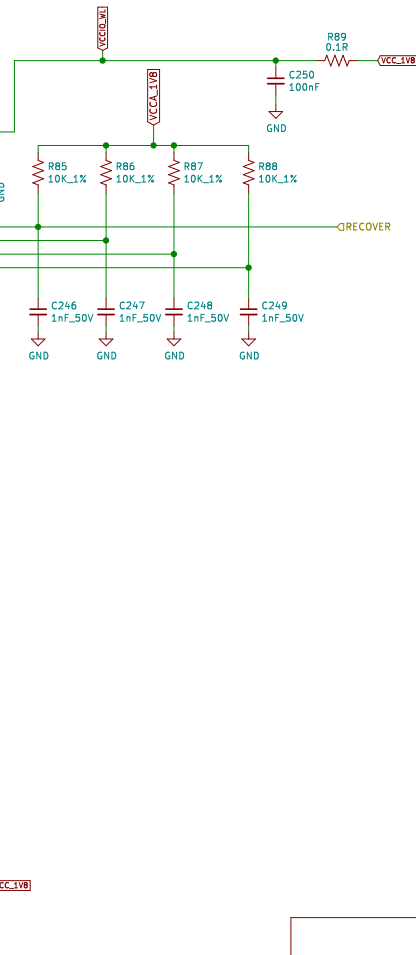
MIPLCSL_RX_D0p—A118
MIPLCSL_RX_D0n—A118
MIPLCSL_RX_D1p—A117
MIPLCSL_RX_D1n—A117
MIPLCSL_RX_D2p—A118
MIPLCSL_RX_D2n—A118
MIPLCSL_RX_D3p—A118
MIPLCSL_RX_D3n—A118
MIPLCSL_RX_CLK0p—A118
MIPLCSL_RX_CLK0n—A118
MIPLCSL_RX_CLK1p—A118
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MIPLCSL_RX_AVDD0_0V9—A119
MIPLCSL_RX_AVDD0_1V8—A119

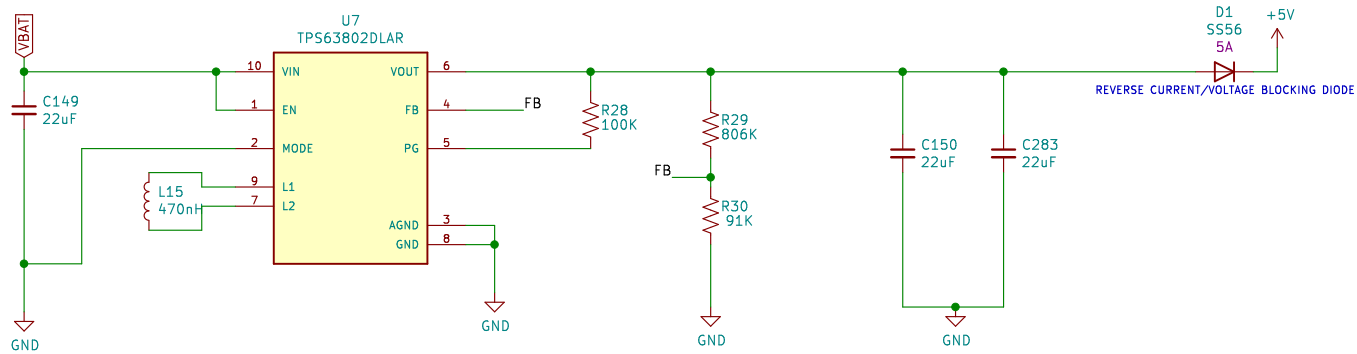
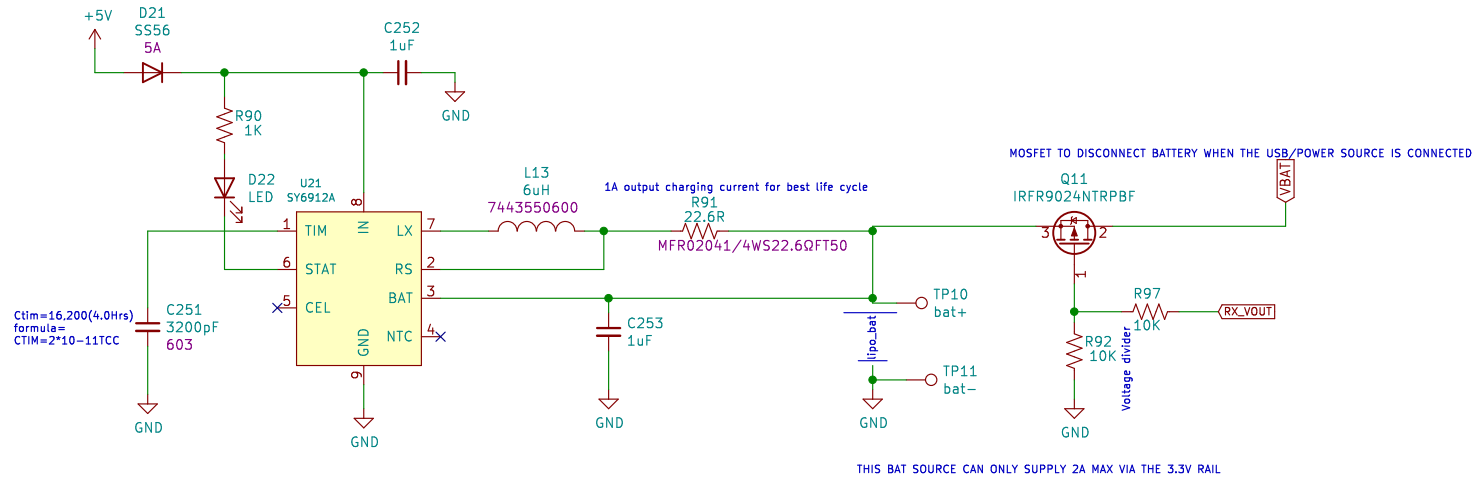
GPIO3_C6_d—A172
GPIO3_C7_d—A171
GPIO3_D0_d—A181
GPIO3_D1_d—A182
GPIO3_D2_d—A181
GPIO3_D3_d—A182
GPIO3_D4_d—A171
GPIO3_D5_d—A172
GPIO3_D6_d—A171
GPIO3_D7_d—A171
GPIO4_A0_d—A122
GPIO4_A1_d—A122
GPIO4_A2_d—A181
GPIO4_A3_d—A122
GPIO4_A4_d—A122
GPIO4_A5_d—A171
GPIO4_A6_d—A122

VCCIO6_1—A14
VCCIO6_2—A15

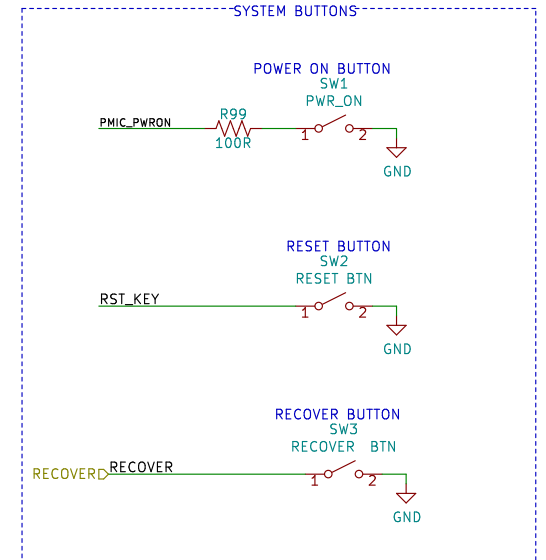
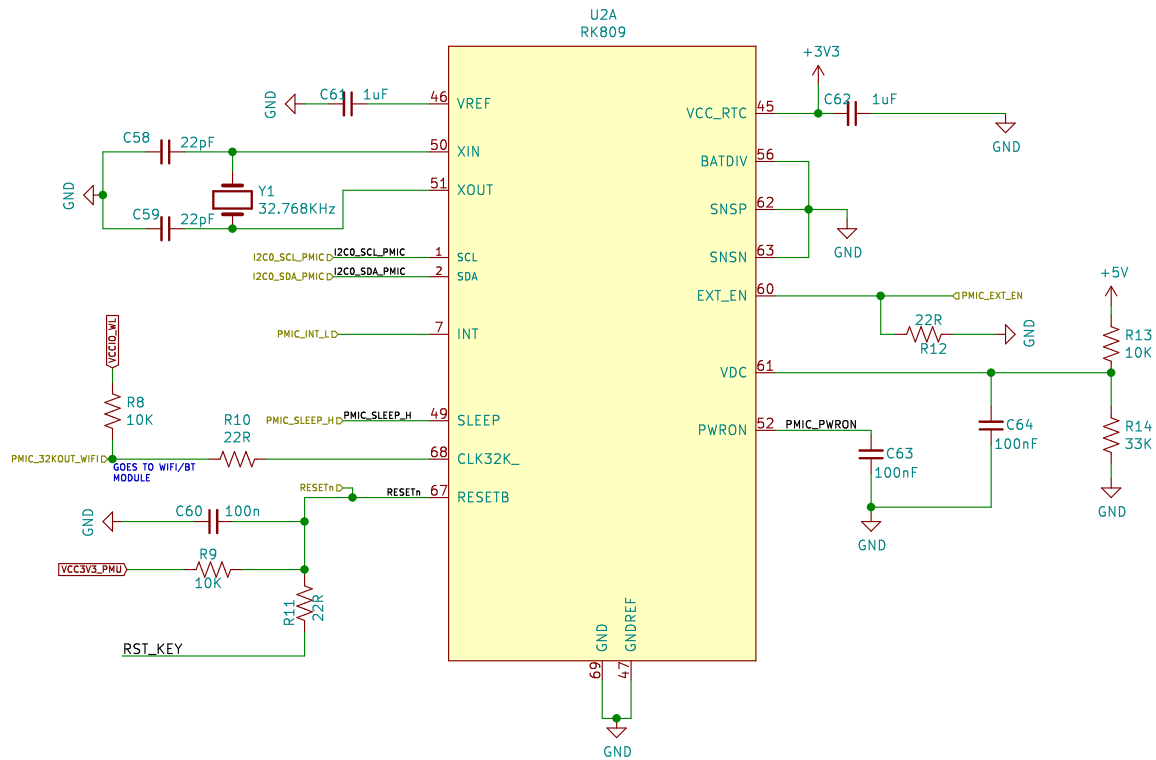
A119—SDMMC1_D0
A118—SDMMC1_D1
A119—SDMMC1_D2
A120—SDMMC1_D3
B35—SDMMC1_CMD
B37—SDMMC1_CLK
A35—WIFI1_REG_ON_H_GPIO2_B1
B34—WIFI1_WAKE_HOST_H_GPIO2_B2
A120—UART1_RX_M0
A38—UART1_TX_M0
A37—UART1_RTSn_M0
A37—UART1_CTSn_M0
A37—IBT_REG_ON_H_GPIO2_B7
A37—IBT_WAKE_HOST_H_GPIO2_C0
B36—IBT_WAKE_HOST_H_GPIO2_C1
A37—I2S2_SCLK_TX_M0
A37—I2S2_LRCK_TX_M0
A37—I2S2_SDO_M0
A38—CLK32K_OUT1_WIFI

RK3566 TO WIFI/BT MODULE





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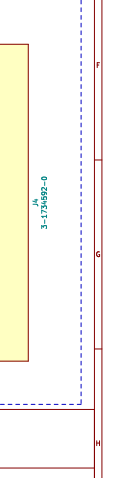
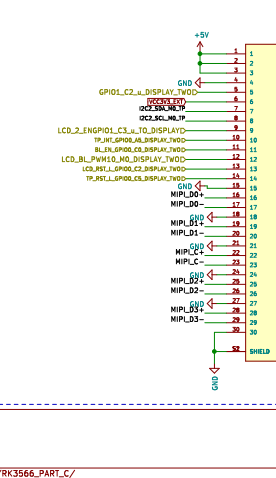
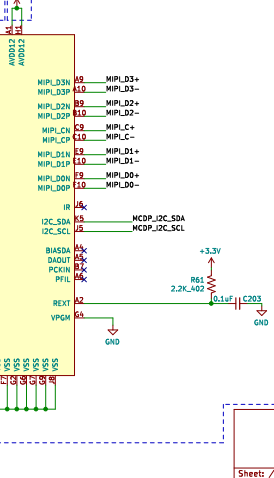
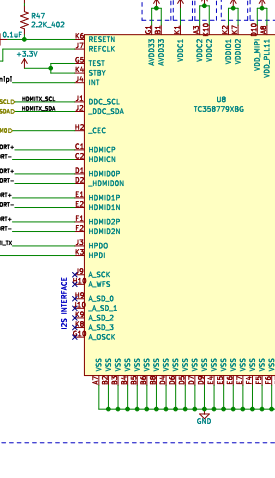
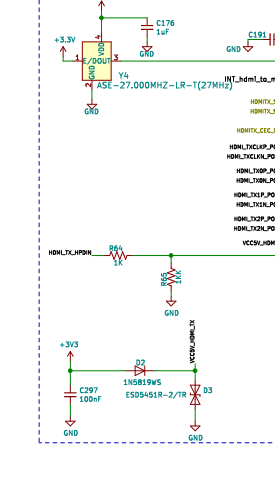
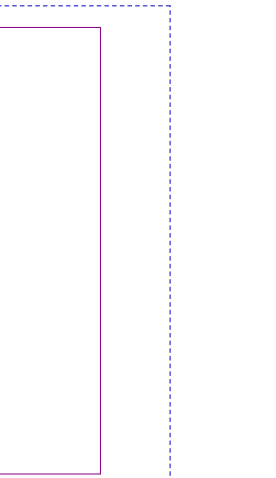
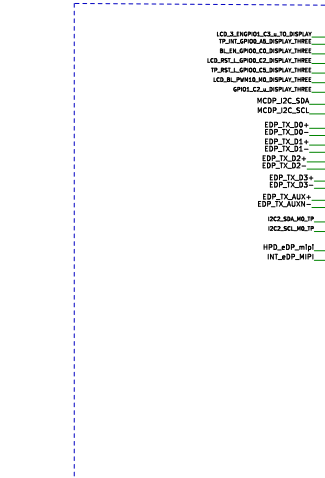
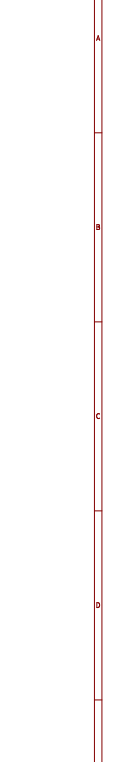
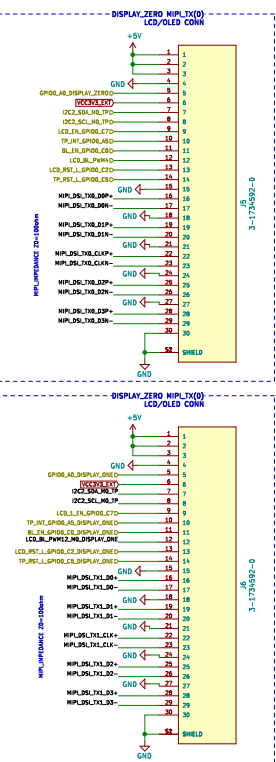
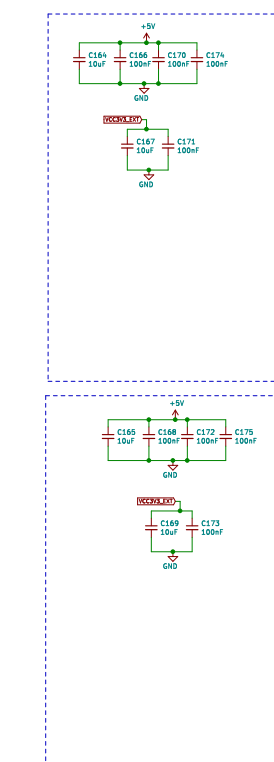
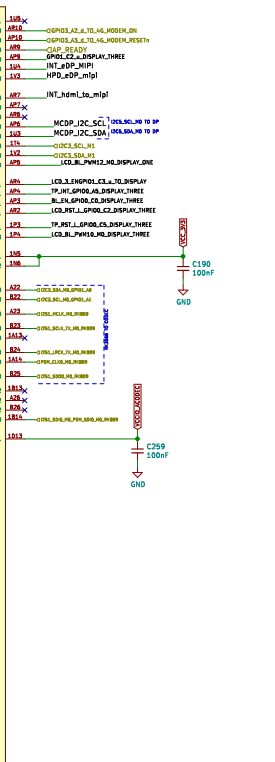
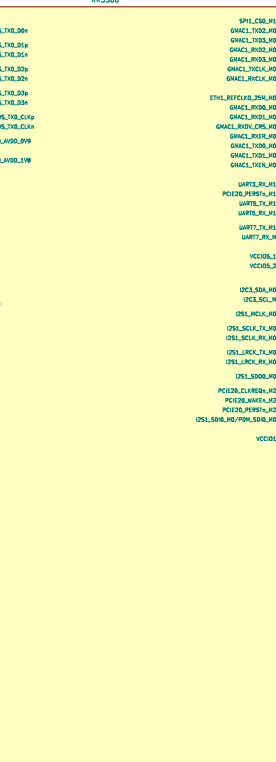
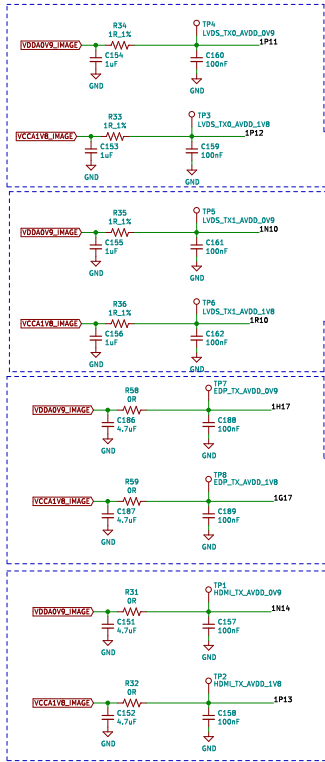
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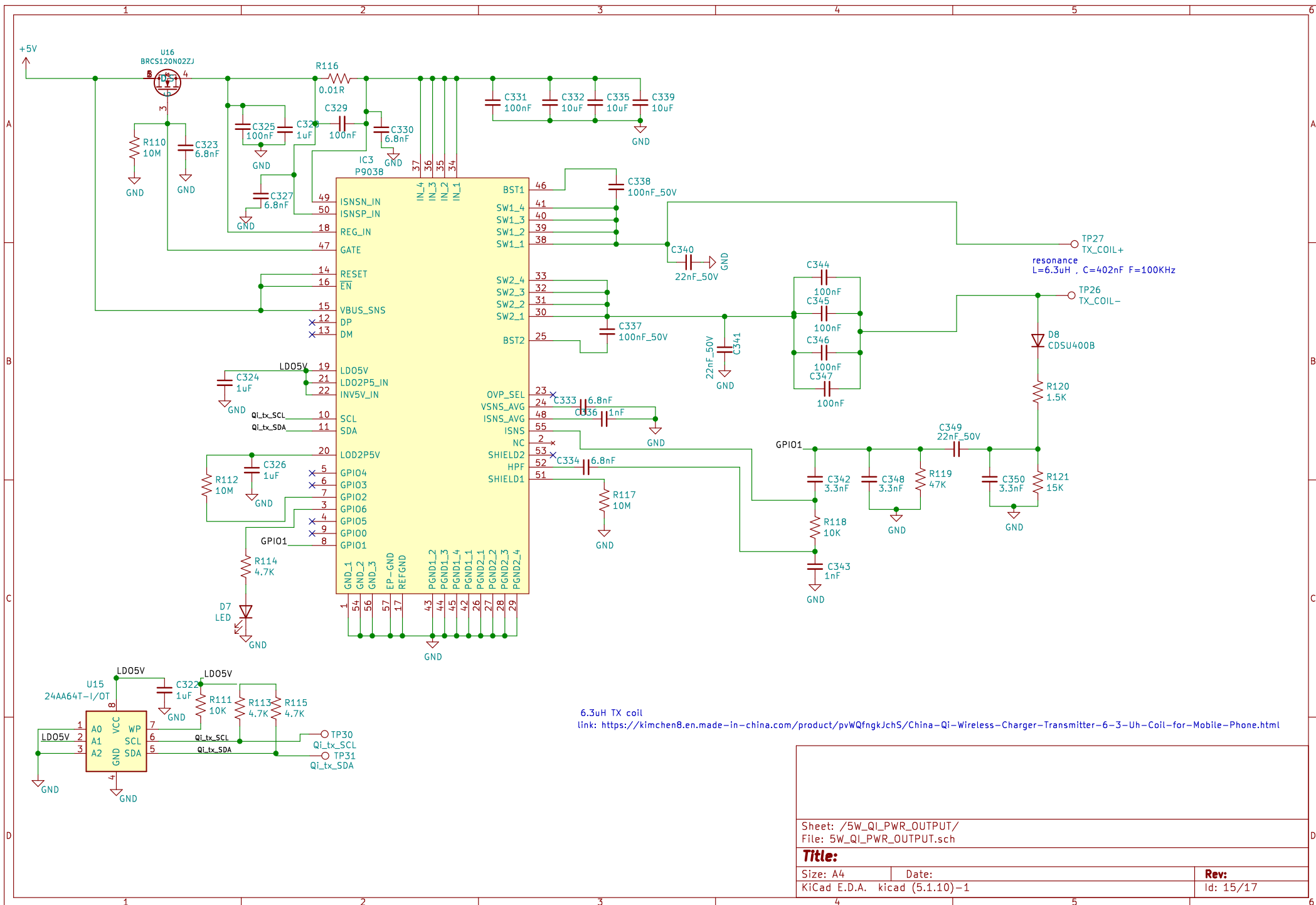
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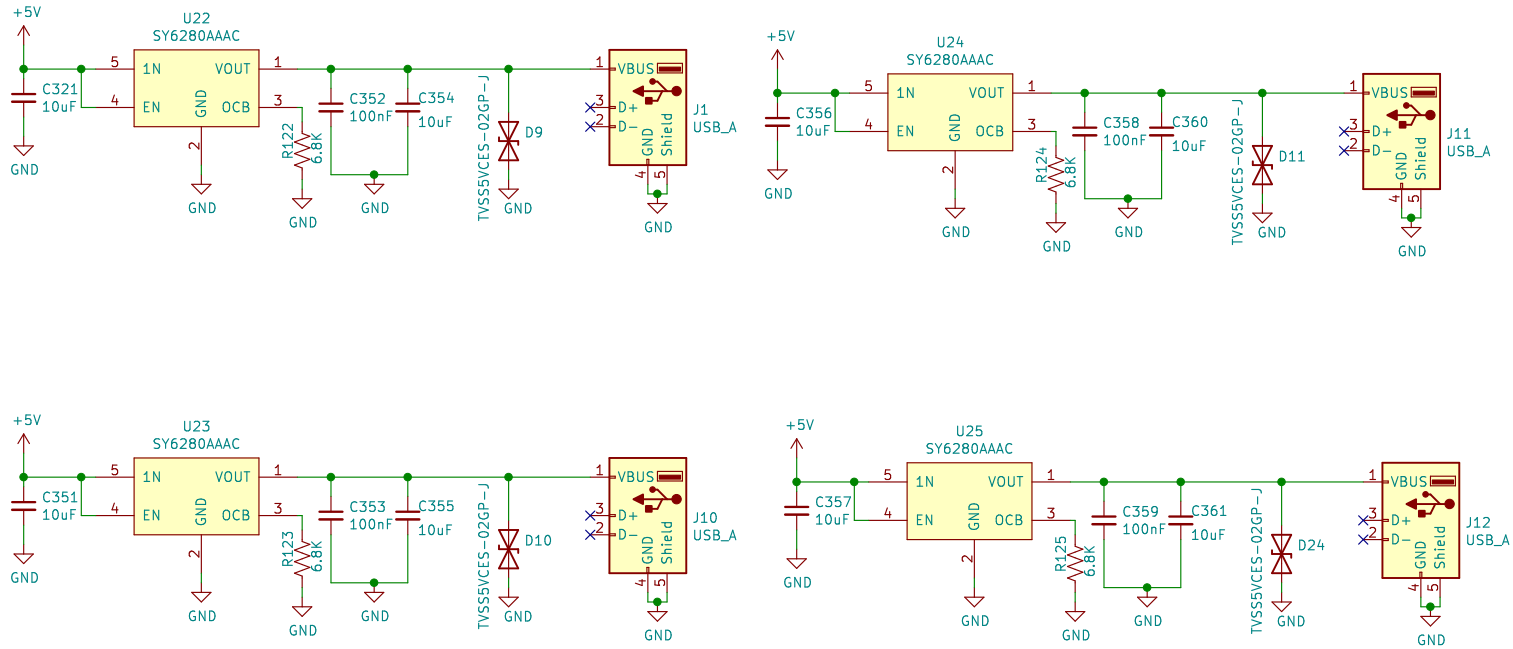
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4 ports USB POWER OUTOUT 5V @ 1A



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