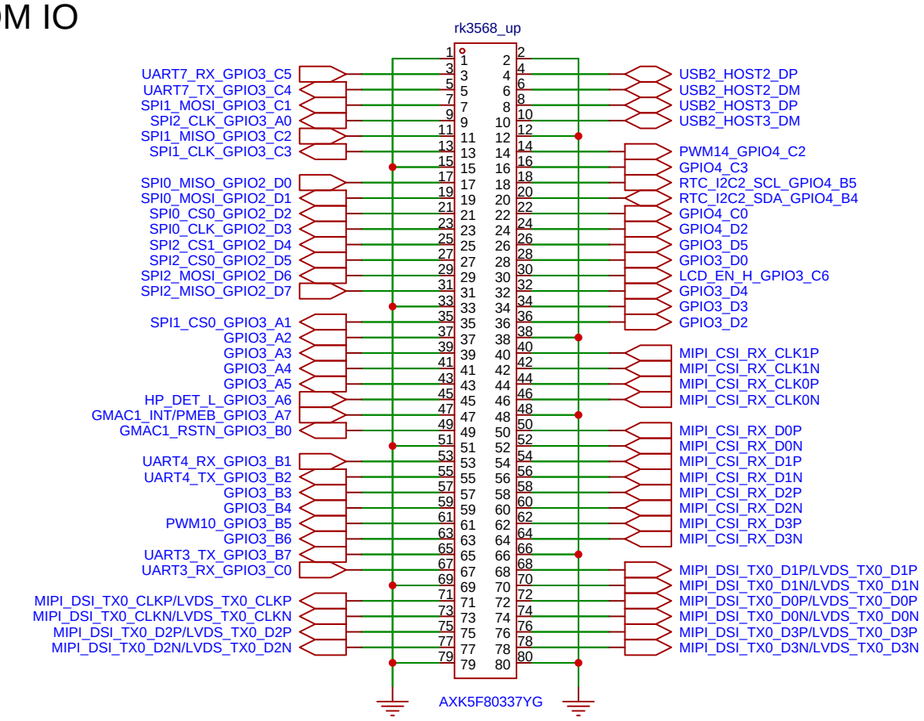
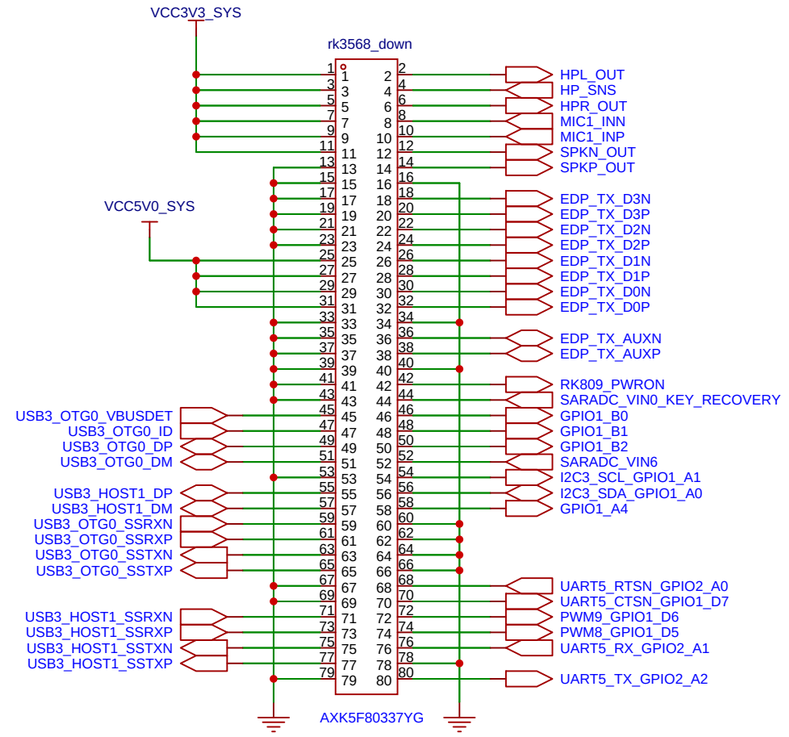
# BOTTOM IO

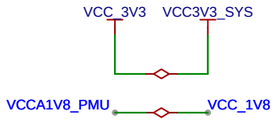






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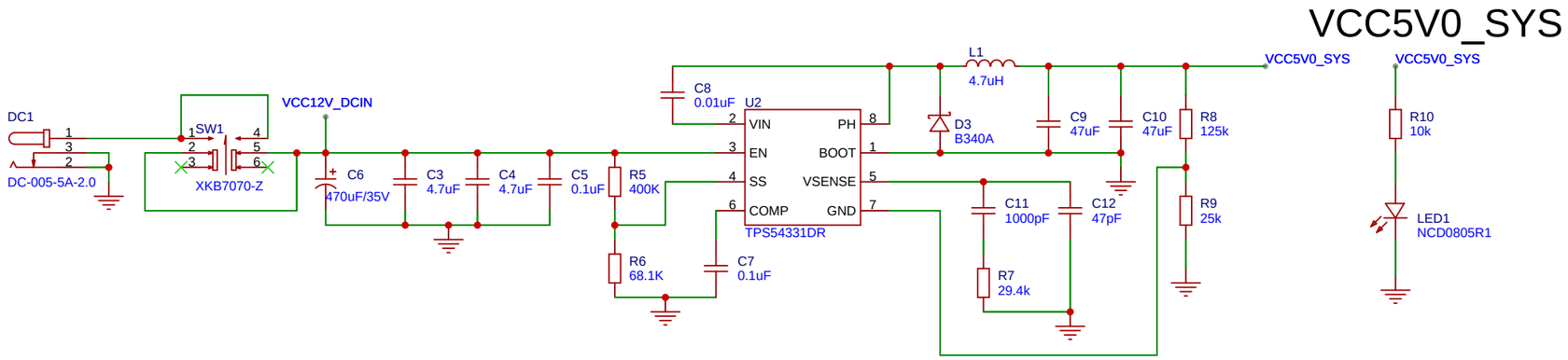
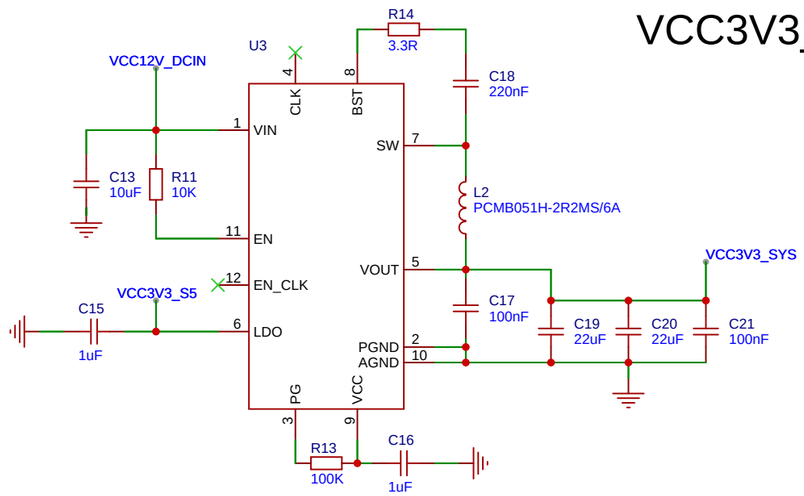
|---|---|---|---|
| 原理图 | rk3568 | 更新日期 | 2024-08-11 |
| | | 创建日期 | 2024-07-31 |
| 图页 | rk3568_bottom | 物料编码 | |
| 绘制 | LT | rk3568_xc7a100t | |
| 审阅 | | | |
| | | 版本 | 尺寸 | 页 1 共 9 |
| 嘉立创EDA | | V1.0 | A3 | LT |

## 12V/3A DCIN




## DC/DC 3.3V

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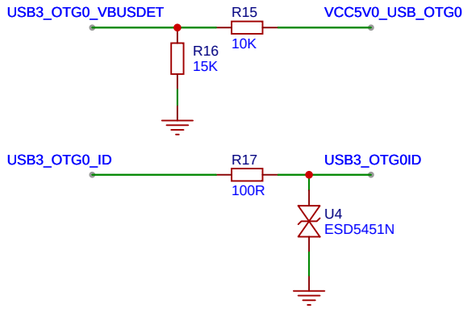
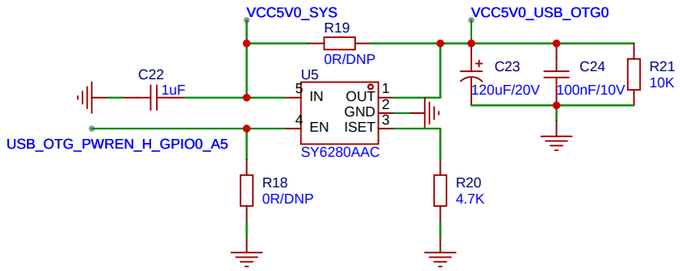
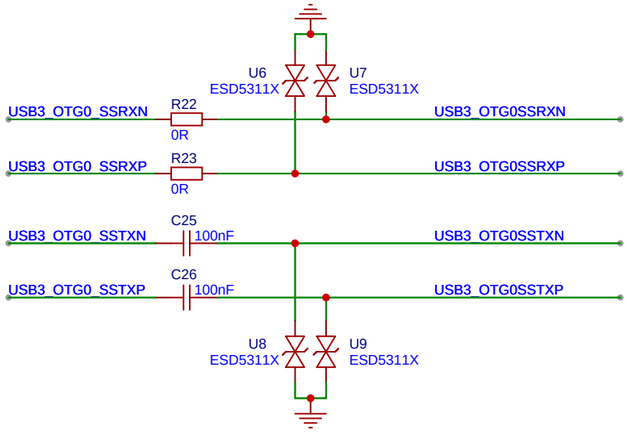
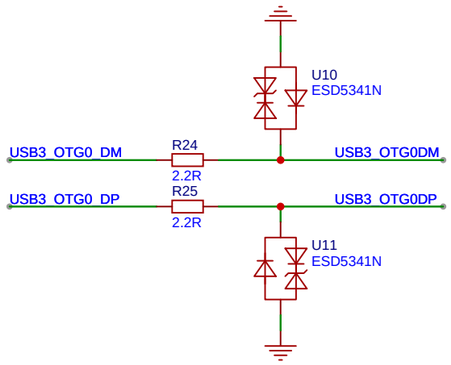
|---|---|---|---|
| 原理图 | rk3568 | 更新日期 | 2024-08-11 |
| | | 创建日期 | 2024-08-01 |
| 图页 | rk3568_power | 物料编码 | |
| 绘制 | LT | rk3568_xc7a100t | |
| 审阅 | | | |
| | | 版本 | 尺寸 | 页 2 共 9 |
| 嘉立创EDA | | V1.0 | A3 | LT |

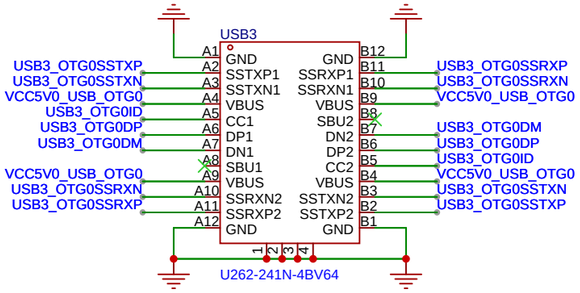
# USB3.0 OTG



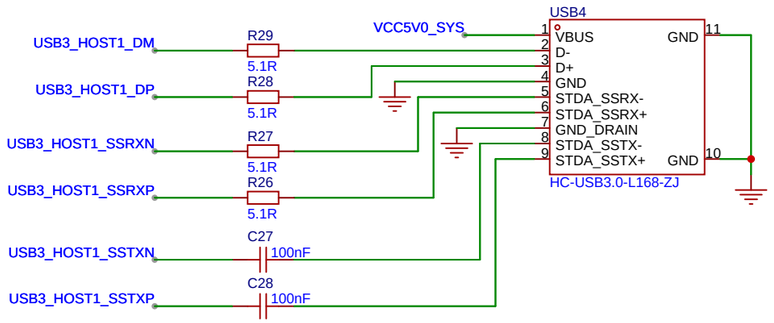



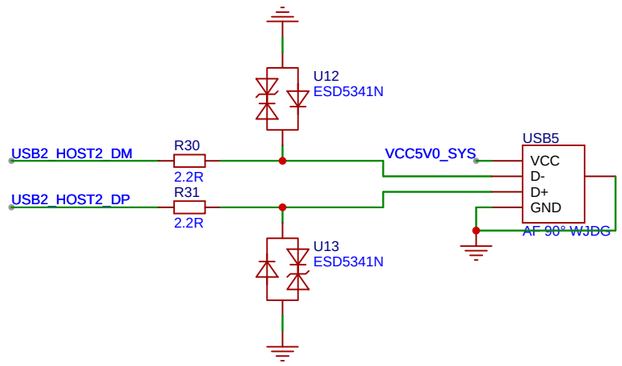



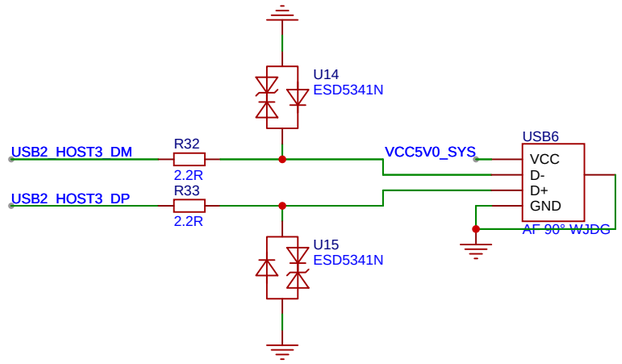

# USB3.0 HOST1




# USB2.0 HOST2




# USB2.0 HOST3

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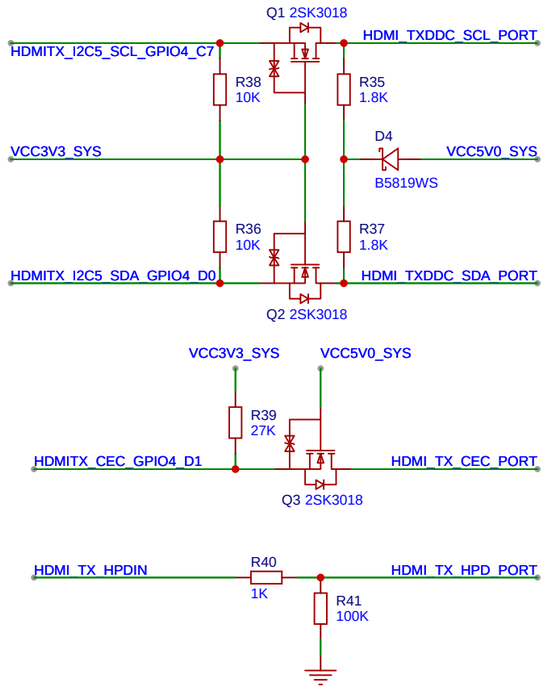
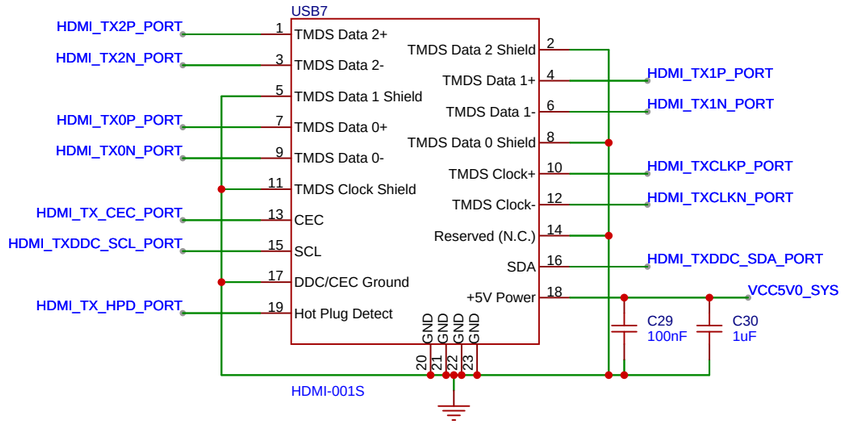
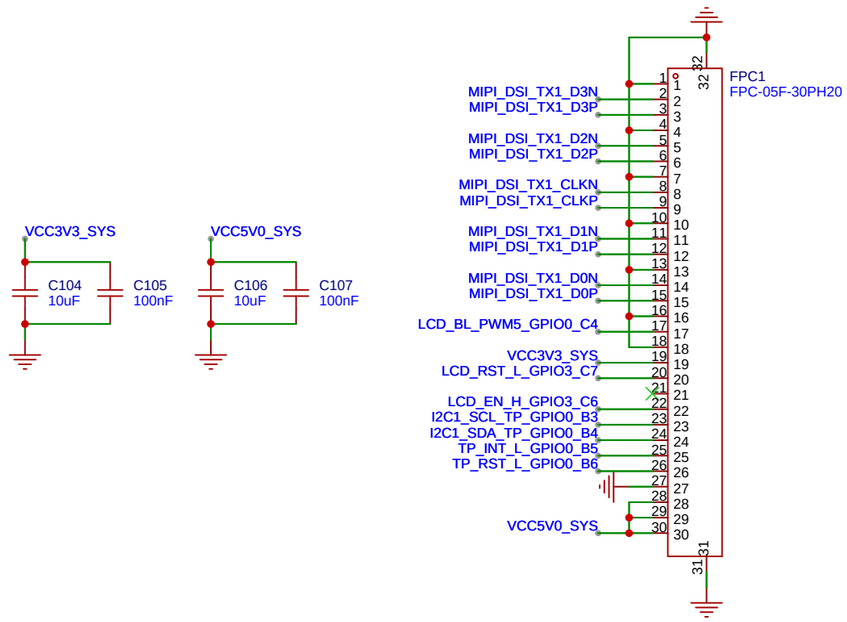
|---|---|---|---|
| 原理图 | rk3568 | 更新日期 | 2024-08-11 |
| | | 创建日期 | 2024-08-02 |
| 图页 | rk3568_usb | 物料编码 | |
| 绘制 | LT | rk3568_xc7a100t | |
| 审阅 | | | |
| | | 版本 | 尺寸 | 页 3 共 9 |
| 嘉立创EDA | | V1.0 | A3 | LT |

# HDMI2.0 TX




# MIPI LCD

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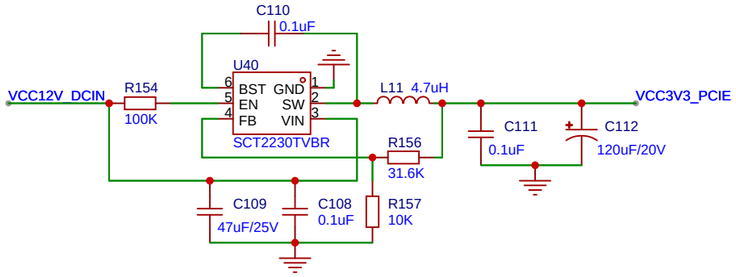
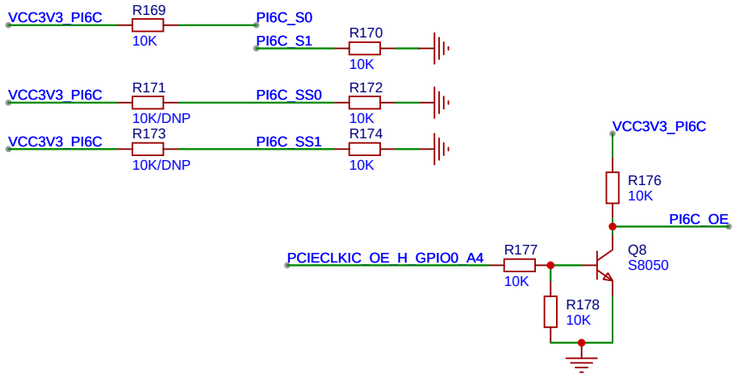
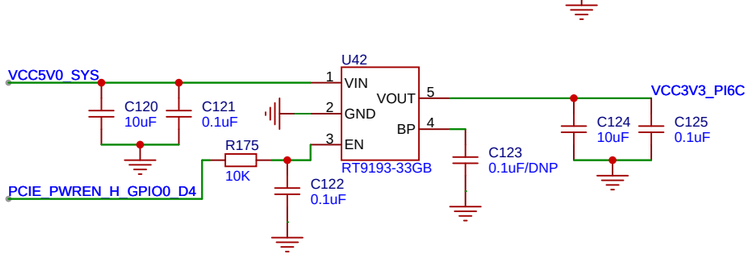
|---|---|---|---|
| 原理图 | rk3568 | 更新日期 | 2024-08-11 |
| | | 创建日期 | 2024-08-02 |
| 图页 | rk3568_mipi_hdmi | 物料编码 | |
| 绘制 | LT | rk3568_xc7a100t | |
| 审阅 | | | |
| | | 版本 | 尺寸 |
| 嘉立创EDA | | V1.0 | A3 |

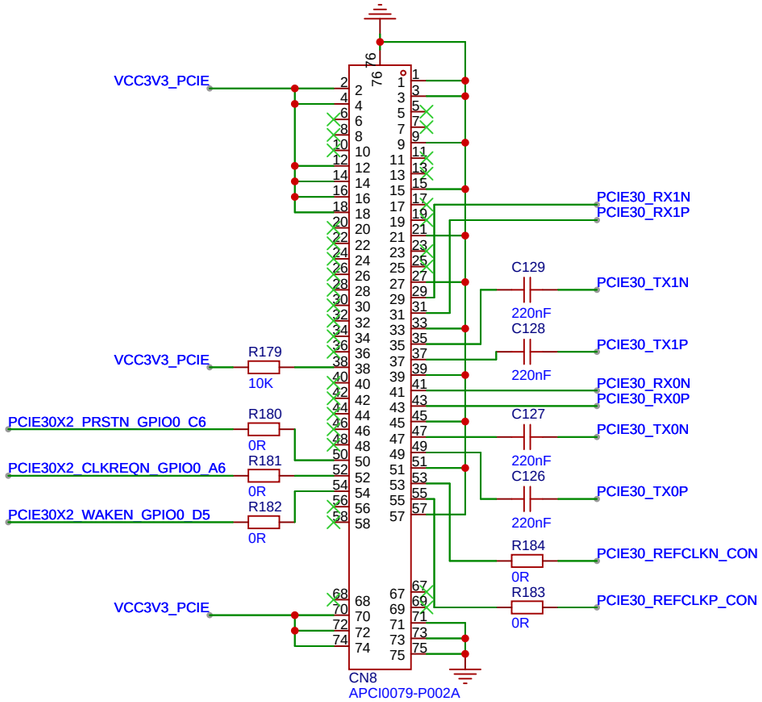
| 页 | 4 | 共 | 9 |
|---|---|---|---|
| LT | | | |

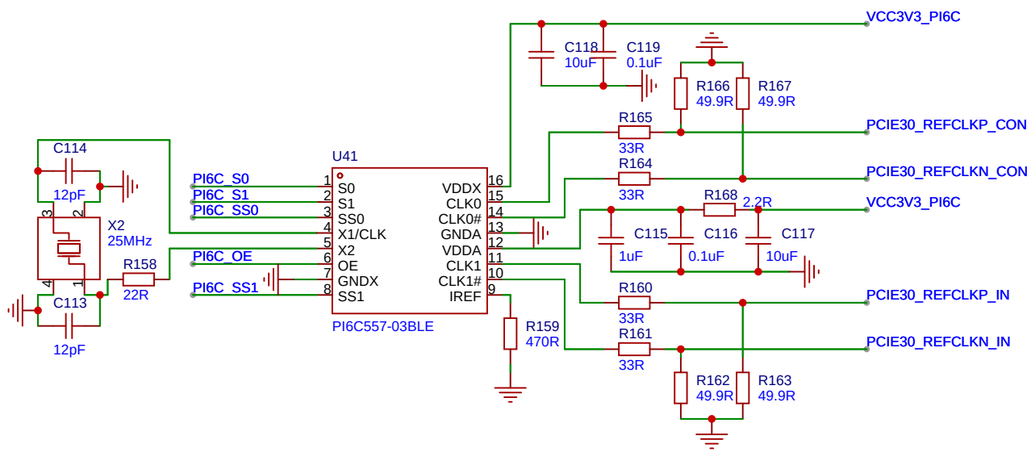
# PCIE30X2 M.2

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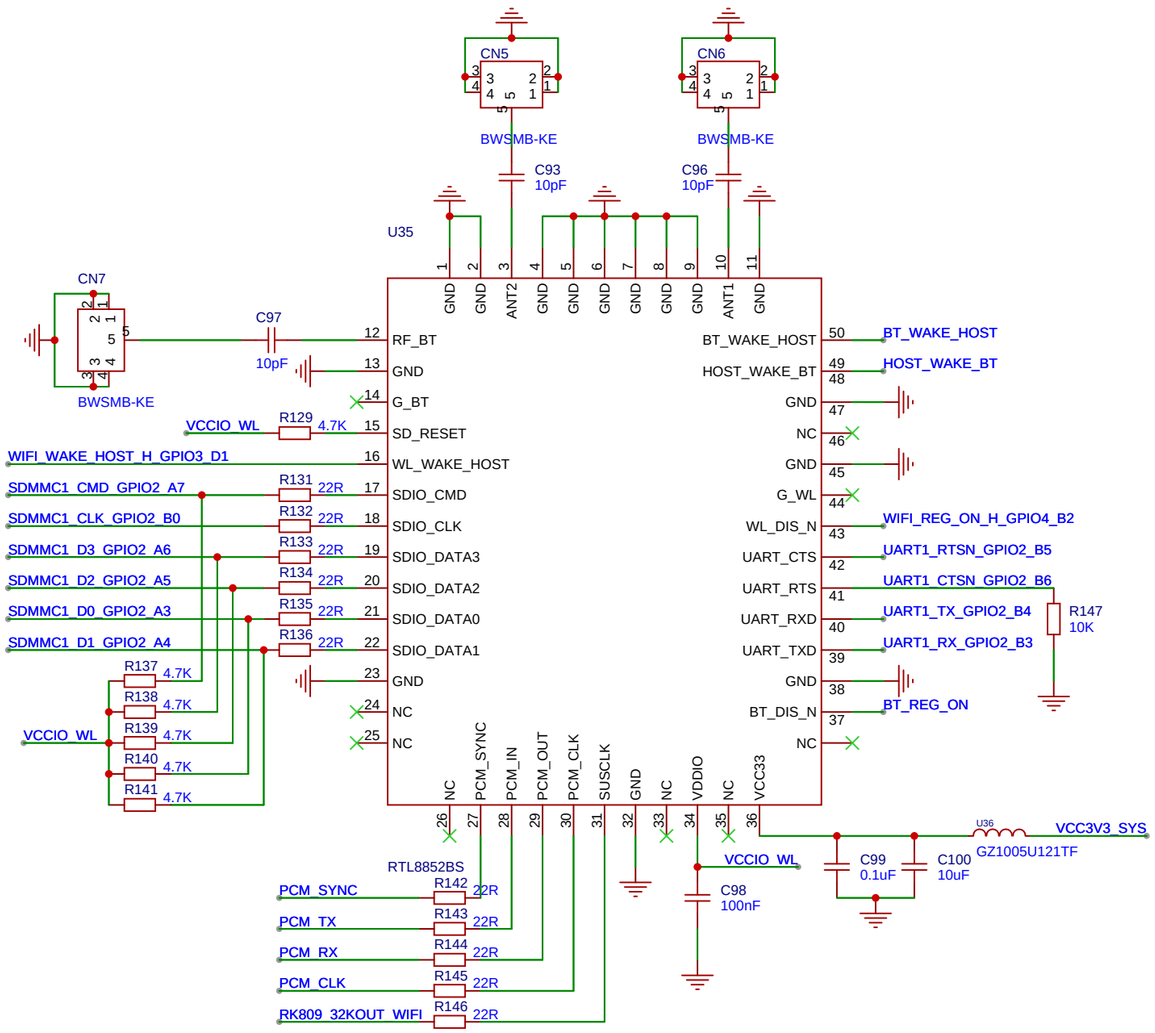
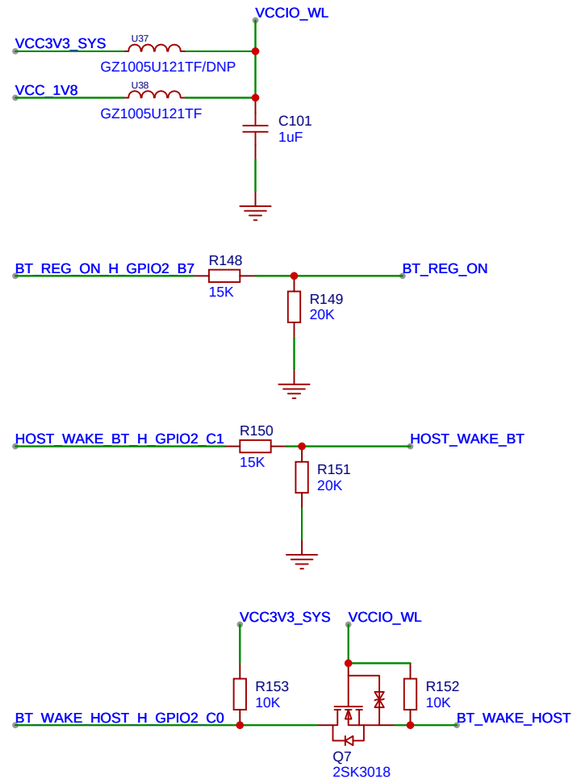
|---|---|---|---|
| 原理图 | rk3568 | 更新日期 | 2024-08-11 |
| | | 创建日期 | 2024-08-07 |
| 图页 | rk3568_pcie30x2_m2 | 物料编码 | |
| 绘制 | LT | rk3568_xc7a100t | |
| 审阅 | | | |
| | | 版本 | 尺寸 |
| 嘉立创EDA | | V1.0 | A3 |

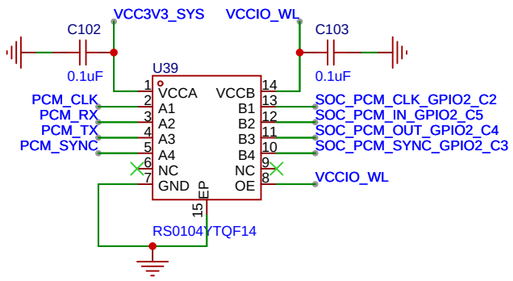


LT

# WIFI BT

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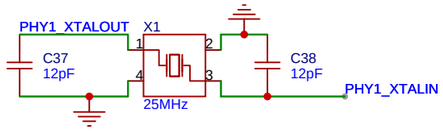
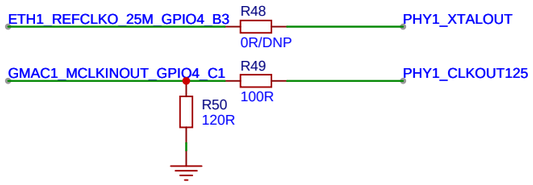
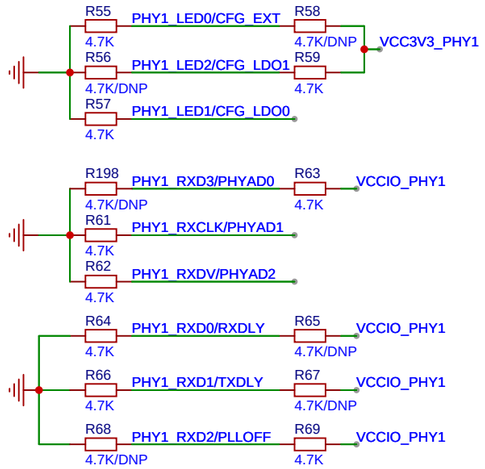
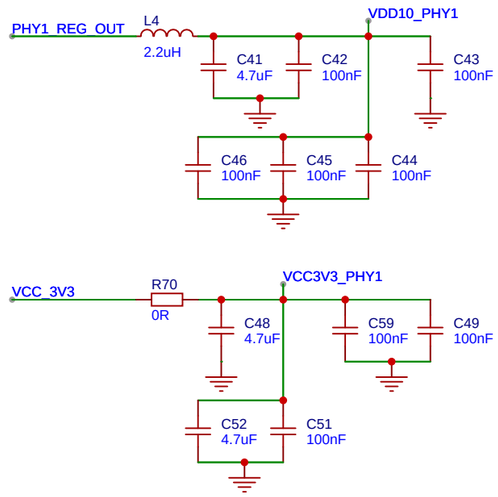
|---|---|---|---|
| 原理图 | rk3568 | 更新日期 | 2024-08-11 |
| | | 创建日期 | 2024-08-02 |
| 图页 | rk3568_sdio_wifi_bt | 物料编码 | |
| 绘制 | LT | rk3568_xc7a100t | |
| 审阅 | | | |
| | | 版本 | 尺寸 | 页 6 共 9 |
| 嘉立创EDA | | V1.0 | A3 | LT |

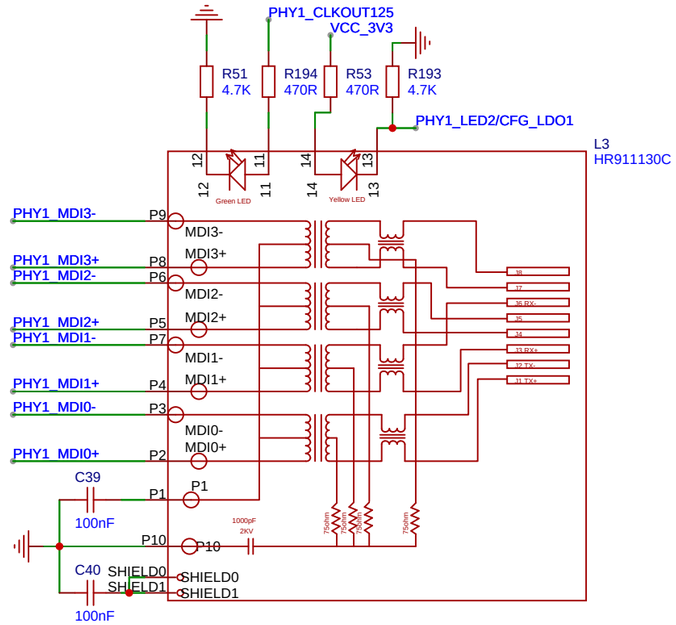
# GMAC1 PHY

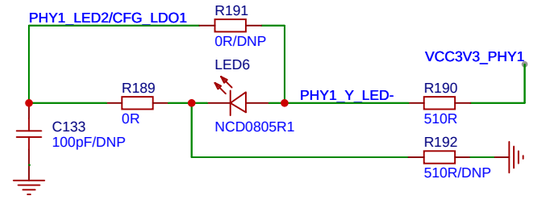


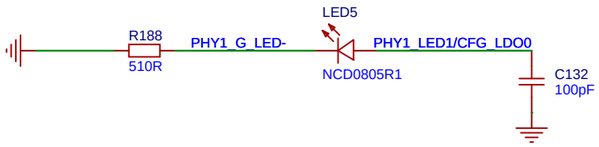



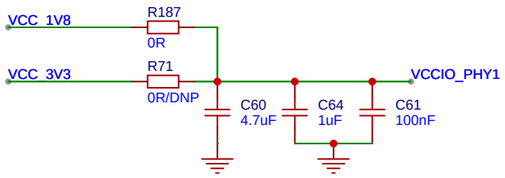



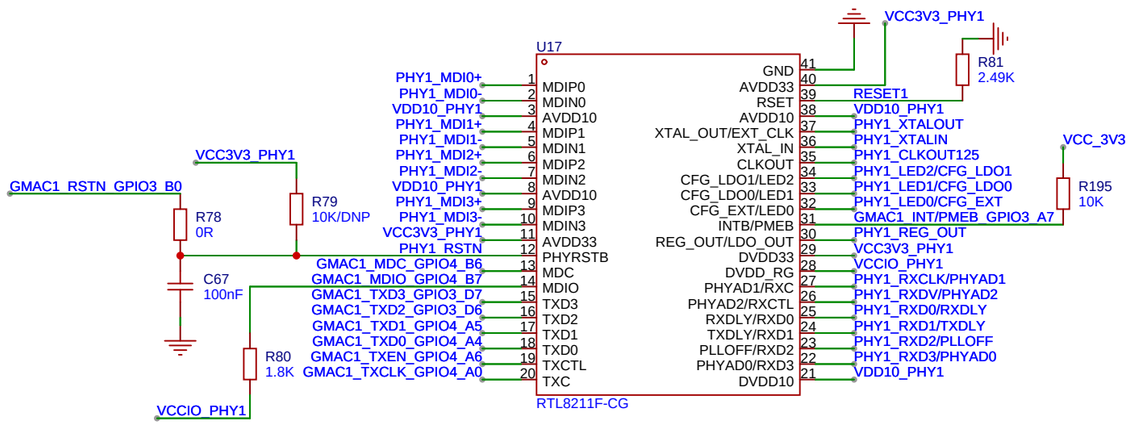



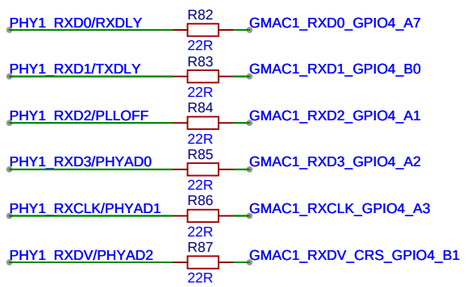

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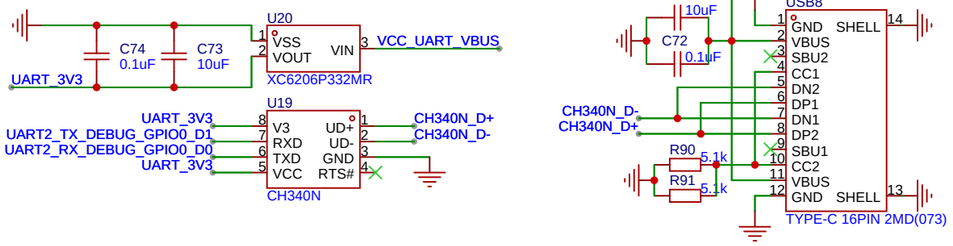
|---|---|---|---|
| 原理图 | rk3568 | 更新日期 | 2024-08-11 |
| | | 创建日期 | 2024-08-02 |
| 图页 | rk3568_gmac1_phy | 物料编码 | |
| 绘制 | LT | rk3568_xc7a100t | |
| 审阅 | | | |
| | | 版本 | 尺寸 |
| | | V1.0 | A3 |
| 嘉立创EDA | | 页 7 共 9 | |
| | | LT | |

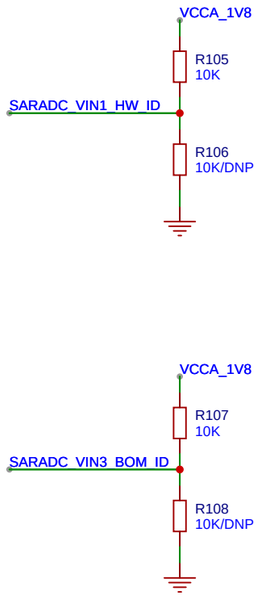
# DEBUG UART







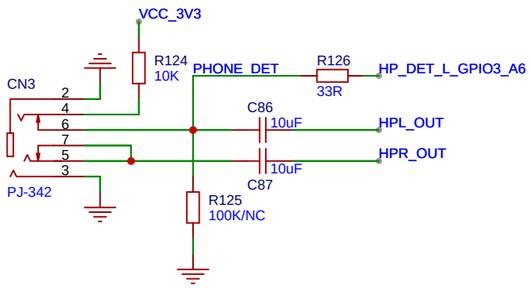
# SARADC ID

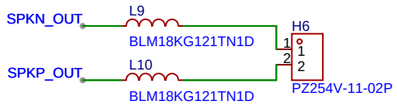


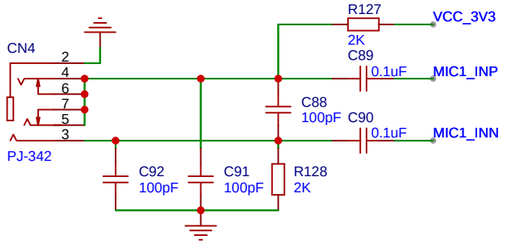

| SARADC_VIN1 | Up Resistance | Down Resistance |
|---|---|---|
| HW ID0 | 10K | DNP |
| HW ID1 | 10K | 110K |
| HW ID2 | 20K | 100K |
| HW ID3 | 33K | 100K |
| HW ID4 | 18K | 36K |
| HW ID5 | 36K | 51K |
| HW ID6 | 51K | 51K |
| HW ID7 | 51K | 36K |
| HW ID8 | 36K | 18K |
| HW ID9 | 100K | 33K |
| HW ID10 | 100K | 20K |
| HW ID11 | 110K | 10K |
| HW ID12 | DNP | 10K |

| SARADC_VIN3 | Up Resistance | Down Resistance |
|---|---|---|
| BOM ID0 | 10K | DNP |
| BOM ID1 | 10K | 110K |
| BOM ID2 | 20K | 100K |
| BOM ID3 | 33K | 100K |
| BOM ID4 | 18K | 36K |
| BOM ID5 | 36K | 51K |
| BOM ID6 | 51K | 51K |
| BOM ID7 | 51K | 36K |
| BOM ID8 | 36K | 18K |
| BOM ID9 | 100K | 33K |
| BOM ID10 | 100K | 20K |
| BOM ID11 | 110K | 10K |
| BOM ID12 | DNP | 10K |

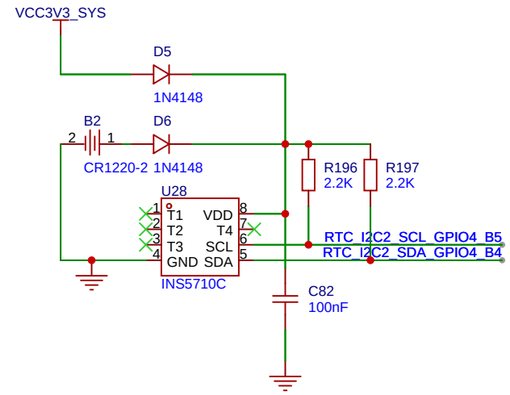
# AUDIO



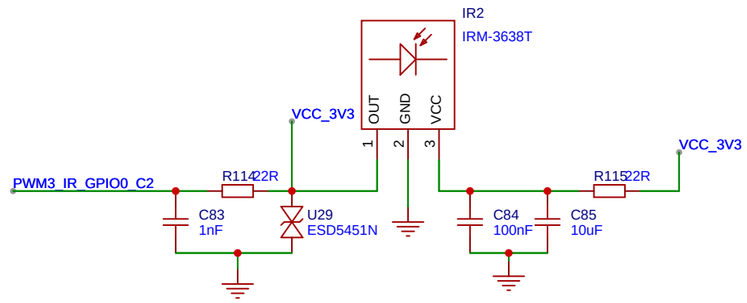



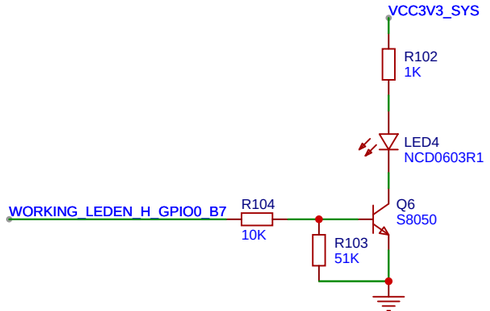

# RTC IC



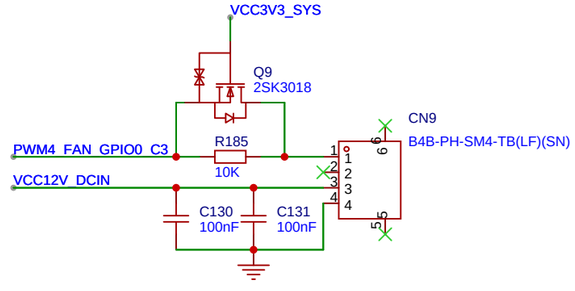

# IR RECEIVER



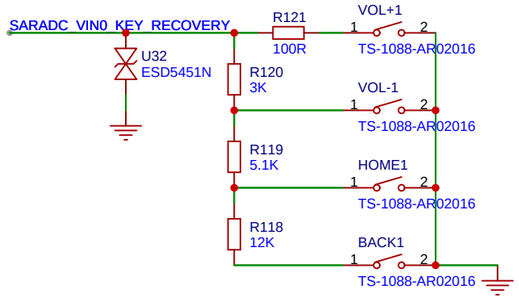

# WORKING LED

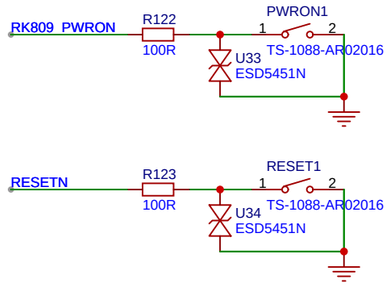



# FAN




# KEY

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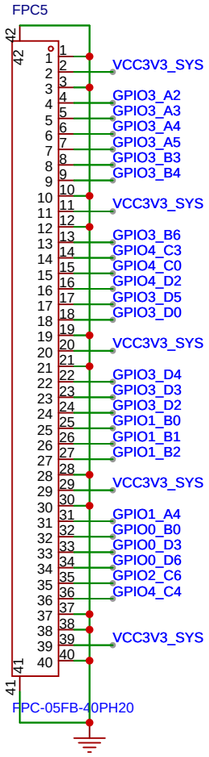
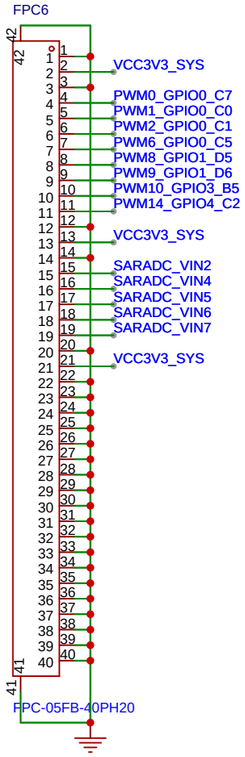
|---|---|---|---|
| 原理图 | rk3568 | 更新日期 | 2024-08-11 |
| | | 创建日期 | 2024-08-02 |
| 图页 | rk3568_board_peripheral | 物料编码 | |
| 绘制 | LT | rk3568_xc7a100t | |
| 审阅 | | | |
| | | 版本 | 尺寸 |
| 嘉立创EDA | | V1.0 | A3 |

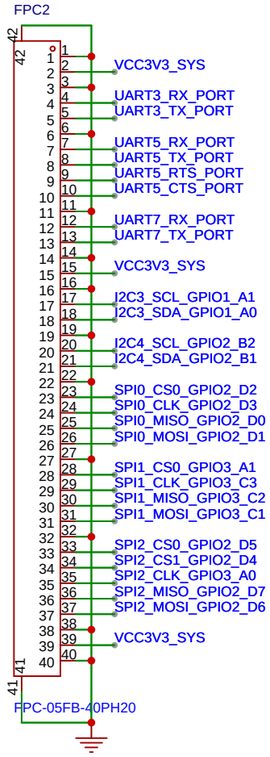


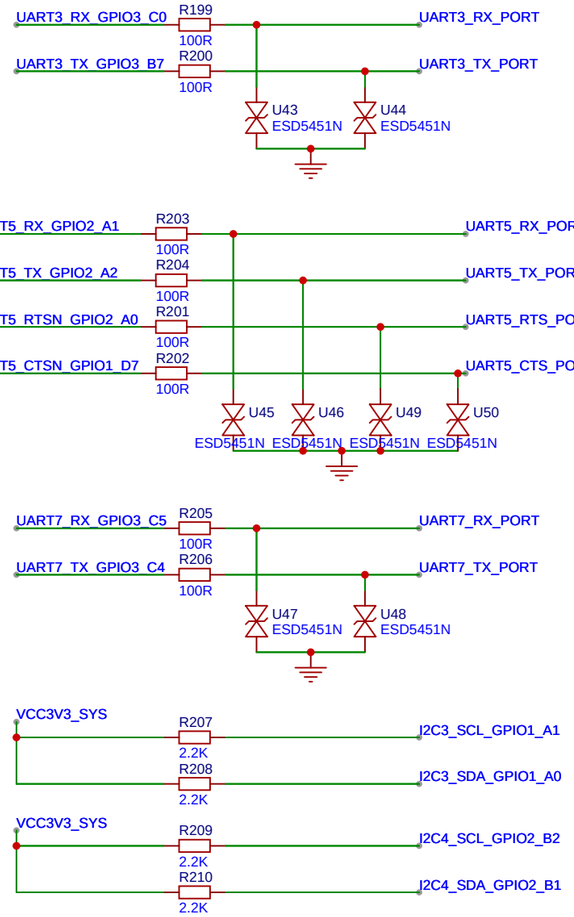
LT

# USER INTERFACE

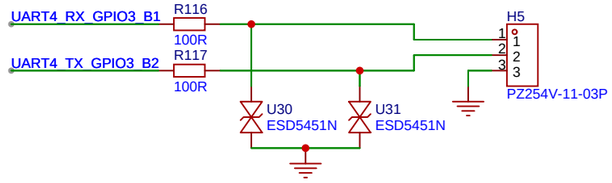



## UART4

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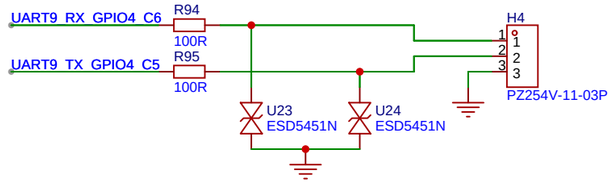


| | | | |
|---|---|---|---|
| 原理图 | rk3568 | 更新日期 | 2024-08-11 |
| | | 创建日期 | 2024-08-02 |
| 图页 | rk3568_user_interface | 物料编码 | |
| 绘制 | LT | rk3568_xc7a100t | |
| 审阅 | | | |
| | | 版本 | 尺寸 | 页 9 共 9 |
| 嘉立创EDA | | V1.0 | A3 | LT |