
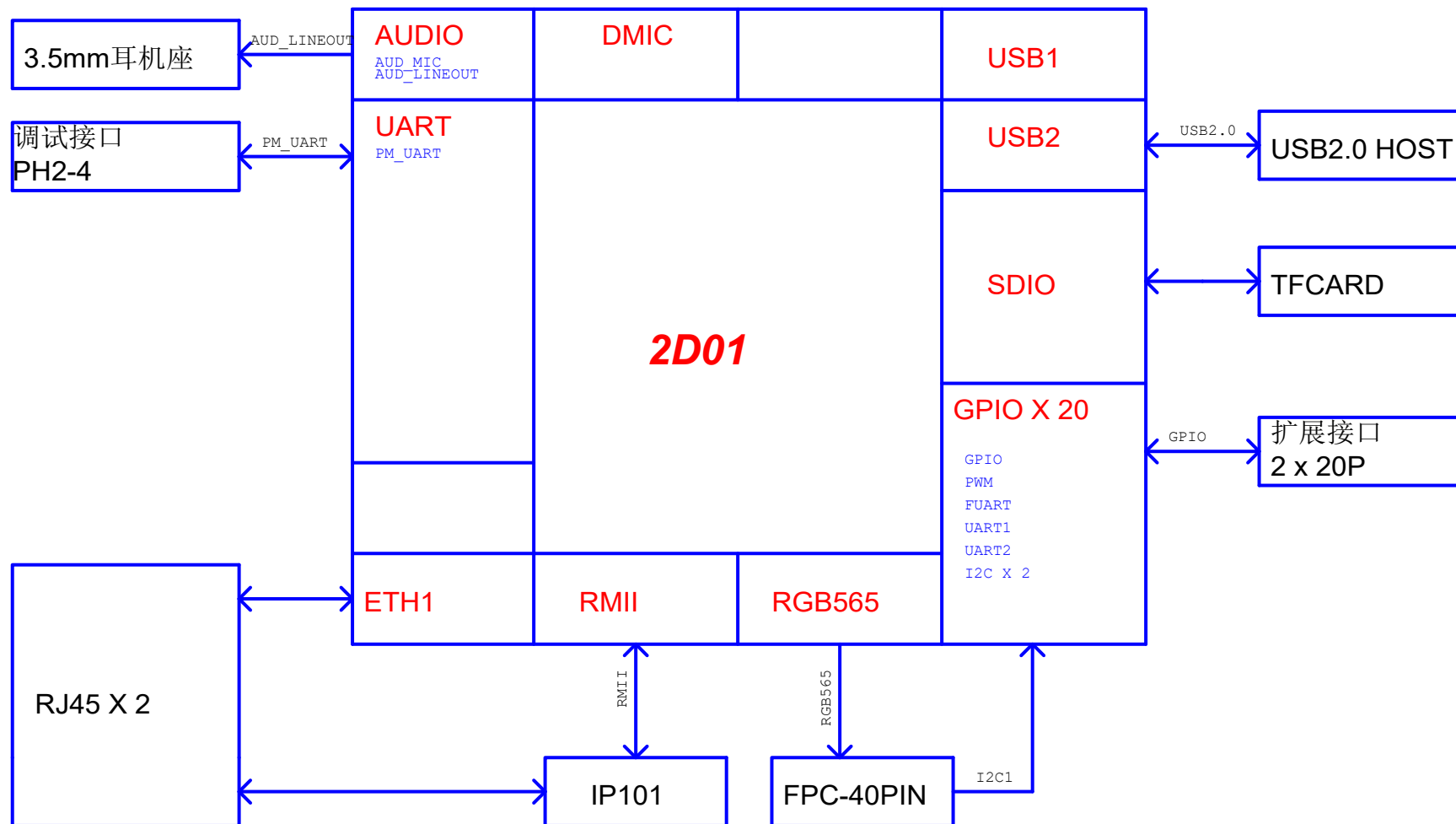


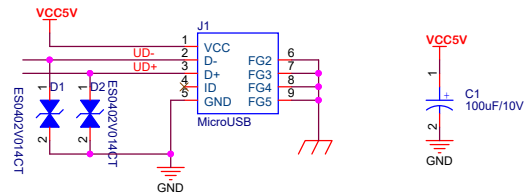
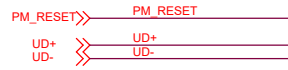
Shenzhen Tactile Intelligent Technology Co., Ltd.			
Title		IDO-SBC2D06-V1	
Size	Document Number		Rev
A3	NOTE		
Date:	Thursday, June 02, 2022	Sheet	1 of 10



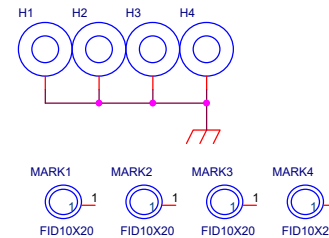
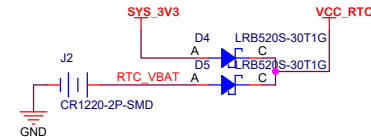
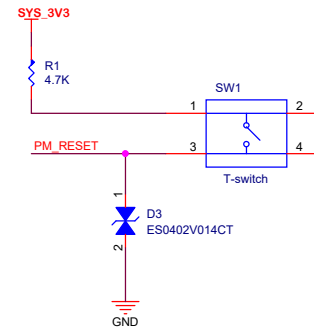
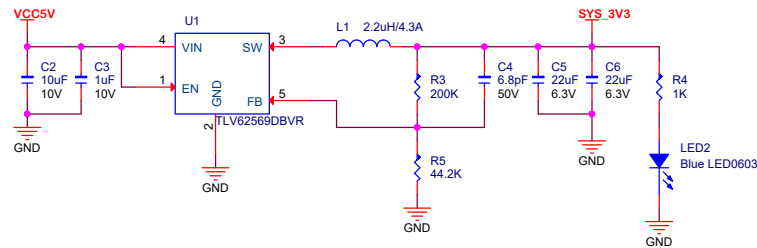


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Title IDO-SBC2D06-V1		
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SYS_3V3



GPIO6/I2C0_SCL <> GPIO6/I2C0_SCL
GPIO7/I2C0_SDA <> GPIO7/I2C0_SDA
GPIO8/UART2_RX/SPI0_CZ <> GPIO8/UART2_RX/SPI0_CZ
GPIO9/UART2_TX/SPI0_CK <> GPIO9/UART2_TX/SPI0_CK
GPIO10/SPI0_DI <> GPIO10/SPI0_DI
GPIO11/SPI0_DO <> GPIO11/SPI0_DO

GPIO14 <> GPIO14
GPIO47 <> GPIO47
GPIO48 <> GPIO47
GPIO85 <> GPIO85
GPIO86 <> GPIO86
GPIO90 <> GPIO90

PM_IRIN <> PM_IRIN
PM_RESET <> PM_RESET

DMIC_R <> DMIC_R
DMIC_L <> DMIC_L
DMIC_CLK <> DMIC_CLK
SAR_GPIO2 <> SAR_GPIO2

AUD_MICIN0 <> AUD_MICIN0
AUD_MICCM0 <> AUD_MICCM0
AUD_LINEOUT_L0 <> AUD_LINEOUT_L0
AUD_LINEOUT_R0 <> AUD_LINEOUT_R0

DM_P2 <> DM_P2
DP_P2 <> DP_P2
DP_P1 <> DP_P1
DM_P1 <> DM_P1

ETH_TP <> ETH_TP
ETH_TN <> ETH_TN
ETH_RP <> ETH_TP
ETH_RN <> ETH_RN
PM_LED1 <> PM_LED1
PM_LED0 <> PM_LED0

GPIO13 <> GPIO13
GPIO12 <> GPIO12
GPIO2/I2C1_SCL <> GPIO2/I2C1_SCL
GPIO3/I2C1_SDA <> GPIO3/I2C1_SDA

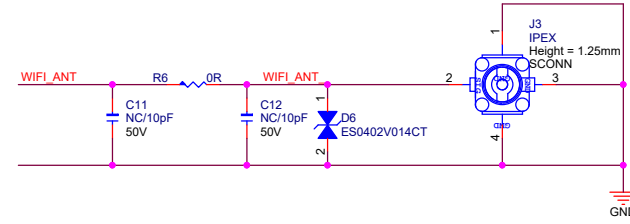
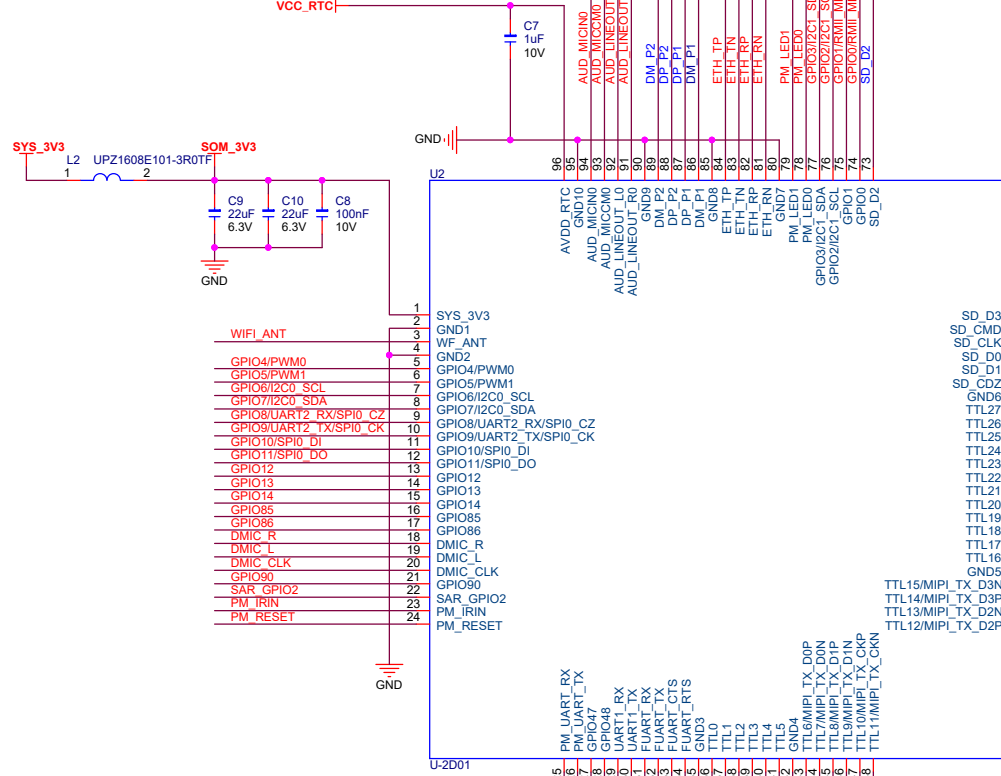
PM_UART_RX <> PM_UART_RX
PM_UART_TX <> PM_UART_TX
UART1_RX <> UART1_RX
UART1_TX <> UART1_TX
FUART_RX <> FUART_RX
FUART_TX <> FUART_TX
FUART_CTS <> FUART_CTS
FUART_RTS <> FUART_RTS

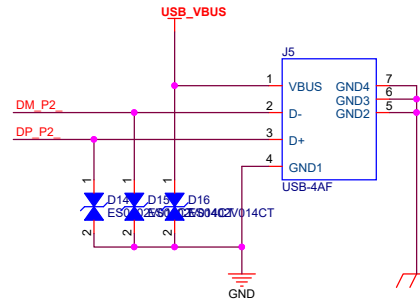
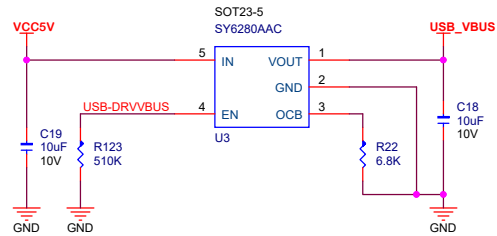
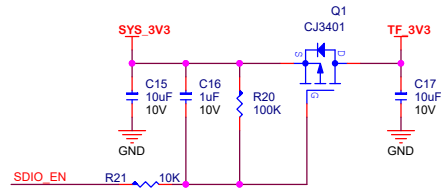
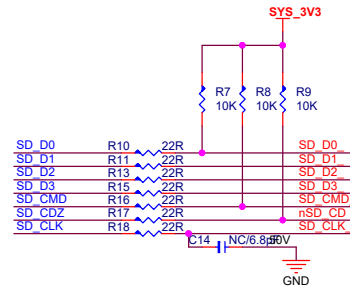
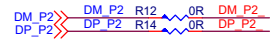
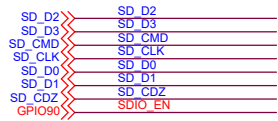
SD_D2 <> SD_D2
SD_D3 <> SD_D3
SD_CMD <> SD_CMD
SD_CLK <> SD_CLK
SD_D0 <> SD_D0
SD_D1 <> SD_D1
SD_CDZ <> SD_CDZ

TTL0 <> TTL0
TTL1 <> TTL1
TTL2 <> TTL2
TTL3 <> TTL3
TTL4 <> TTL4
TTL5 <> TTL5
TTL6/MIPI_TX_D0P <> TTL6/MIPI_TX_D0P
TTL7/MIPI_TX_D0N <> TTL7/MIPI_TX_D0N
TTL8/MIPI_TX_D1P <> TTL8/MIPI_TX_D1P
TTL9/MIPI_TX_D1N <> TTL9/MIPI_TX_D1N
TTL10/MIPI_TX_CKP <> TTL10/MIPI_TX_CKP
TTL11/MIPI_TX_CKN <> TTL11/MIPI_TX_CKN
TTL12/MIPI_TX_D2P <> TTL12/MIPI_TX_D2P
TTL13/MIPI_TX_D2N <> TTL13/MIPI_TX_D2N
TTL14/MIPI_TX_D3P <> TTL14/MIPI_TX_D3P
TTL15/MIPI_TX_D3N <> TTL15/MIPI_TX_D3N
TTL16 <> TTL16
TTL17 <> TTL17
TTL18 <> TTL18
TTL19 <> TTL19
TTL20 <> TTL20
TTL21 <> TTL21
TTL22 <> TTL22
TTL23 <> TTL23

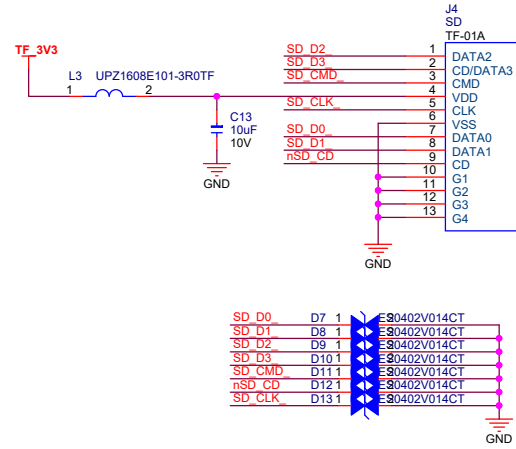
TTL24/LCD_PCLK <> TTL24/LCD_PCLK
TTL25/LCD_HSYNC <> TTL25/LCD_HSYNC
TTL26/LCD_VSYNC <> TTL26/LCD_VSYNC
TTL27/LCD_DE <> TTL27/LCD_DE
GPIO4/PWM0 <> GPIO4/PWM0
GPIO5/PWM1 <> GPIO5/PWM1

GPIO0/RMII_MDIO <> GPIO0/RMII_MDIO
GPIO1/RMII_MDC <> GPIO1/RMII_MDC



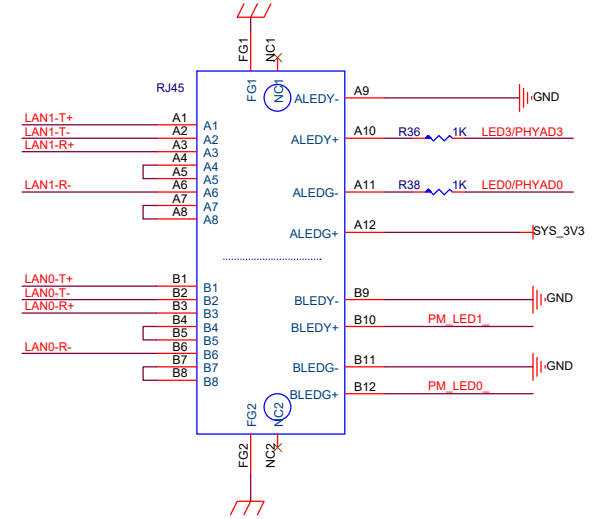
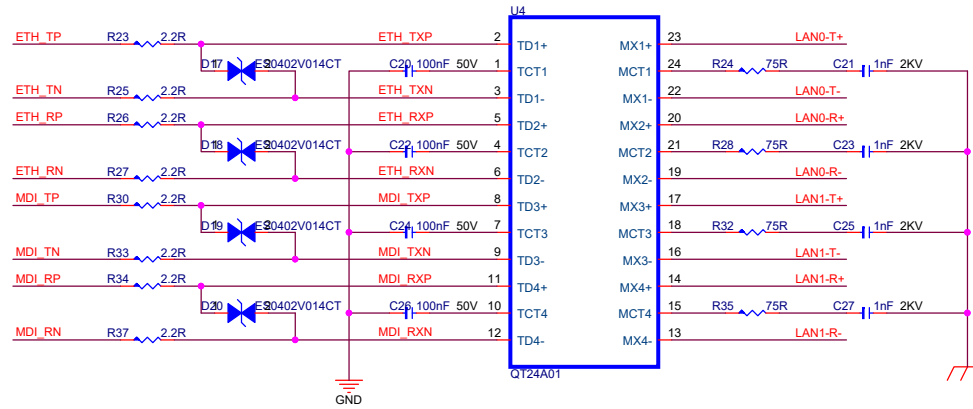


TF_CARD

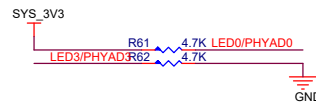
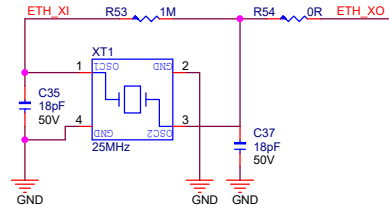
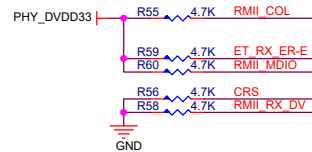
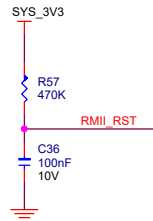
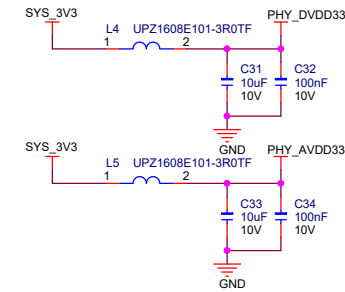
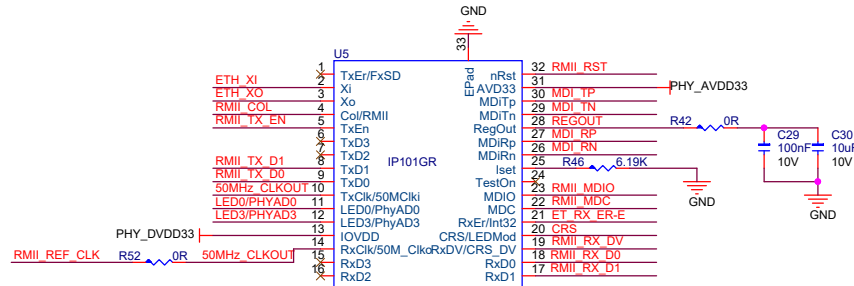


ETH_TP >>> ETH_TP
ETH_TN >>> ETH_TN
ETH_RP >>> ETH_RP
ETH_RN >>> ETH_RN
PM_LED1 >>> PM_LED1
PM_LED0 >>> PM_LED0

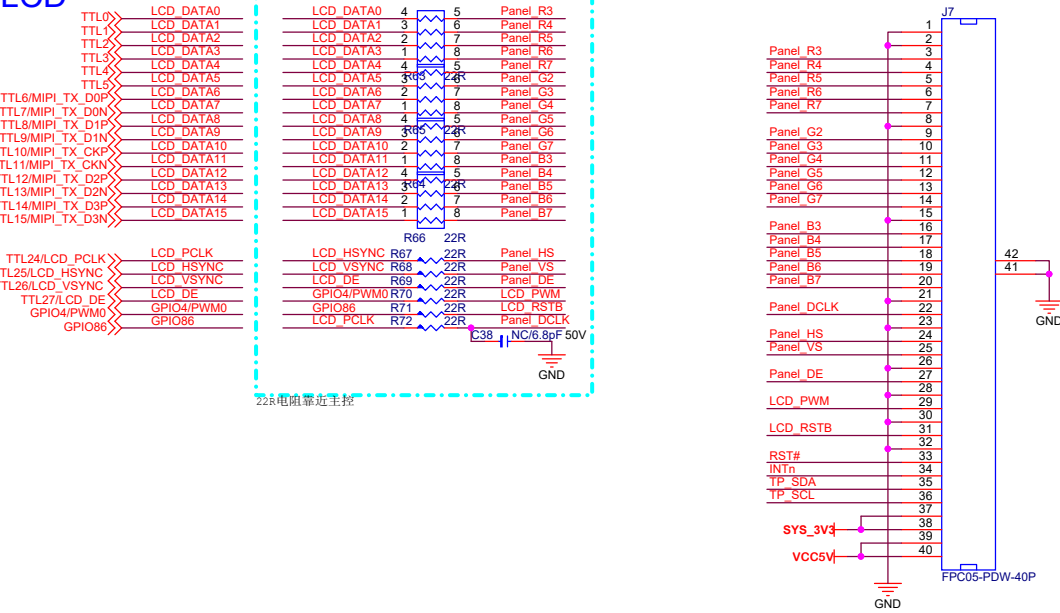
PM_LED1 R29 1K PM_LED1
PM_LED0 R31 1K PM_LED0



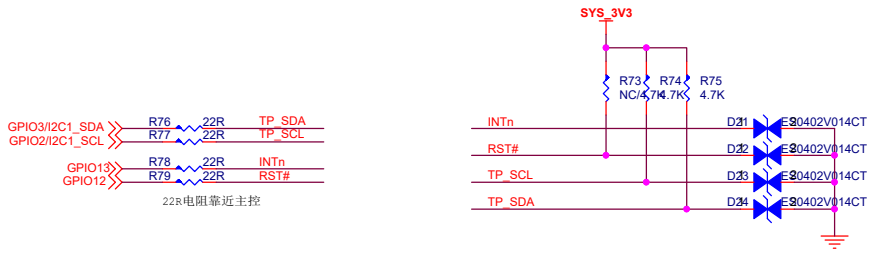
GPIO0/RMII_MDIO >>> R40 22R RMII_MDIO
GPIO1/RMII_MDC >>> R41 22R RMII_MDC
TTL2 >>> R43 22R RMII_RX_DV
TTL2 >>> R44 22R RMII_RX_D0
TTL2 >>> R45 22R RMII_RX_D1
TTL2 >>> R47 22R RMII_REF_CLK
TTL1 >>> R48 22R RMII_TX_D0
TTL1 >>> R49 22R RMII_TX_D1
TTL1 >>> R50 22R RMII_TX_EN
TTL1 >>> R51 22R RMII_RST



LCD

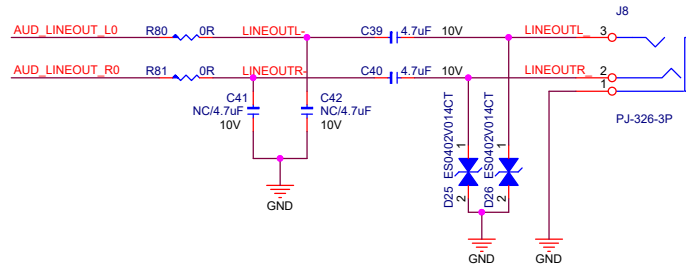


TP

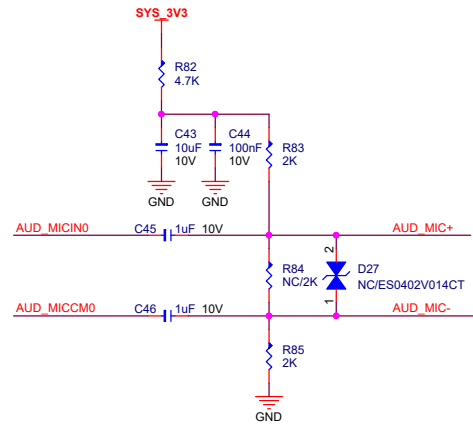


AUD_LINEOUT_L0 >>> AUD_LINEOUT_L0
 AUD_LINEOUT_R0 >>> AUD_LINEOUT_R0

LINE OUT



AUD_MICIN0 >>> AUD_MICIN0
 AUD_MICCM0 >>> AUD_MICCM0
 DMIC_R >>> DMIC_R
 DMIC_L >>> DMIC_L
 DMIC_CLK >>> DMIC_CLK



PM_UART_RX >> PM_UART_RX
 PM_UART_TX >> PM_UART_TX
 UART1_RX >> UART1_RX
 UART1_TX >> UART1_TX
 FUART_RX >> FUART_RX
 FUART_TX >> FUART_TX
 FUART_CTS >> FUART_CTS
 FUART_RTS >> FUART_RTS

GPIO6/I2C0_SCL >> GPIO6/I2C0_SCL
 GPIO7/I2C0_SDA >> GPIO7/I2C0_SDA
 GPIO8/UART2_RX/SPI0_CZ >> GPIO8/UART2_RX/SPI0_CZ
 GPIO9/UART2_TX/SPI0_CK >> GPIO9/UART2_TX/SPI0_CK
 GPIO10/SPI0_DI >> GPIO10/SPI0_DI
 GPIO11/SPI0_DO >> GPIO11/SPI0_DO

GPIO5/PWM1 >> GPIO5/PWM1
 SAR_GPIO2 >> SAR_GPIO2

PM_IRIN >> PM_IRIN

GPIO2/I2C1_SCL >> GPIO2/I2C1_SCL
 GPIO3/I2C1_SDA >> GPIO3/I2C1_SDA

GPIO13 >> GPIO13
 GPIO12 >> GPIO12

DP_P1 >> DP_P1
 DM_P1 >> DM_P1

DMIC_R >> DMIC_R
 DMIC_L >> DMIC_L
 DMIC_CLK >> DMIC_CLK

GPIO47 >> GPIO47
 GPIO48 >> GPIO48

UD+ >> UD+
 UD- >> UD-

