

J1C
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CONV_L2V
COMMON

15 Audio, SD CHARGE, DEBUG, SPI, USB HOST/DEV

CVM 1.0

AUDIO

SD Card

APE

DEBUG

BT MODULE

USB2.0 / OTG

FAN

POWER_EN

VOL_DOWN

VOL_UP

RESET_AL_1

CARRIER_PWR_ON

CARRIER_STBY

CHARGER_PRESNT

CHARGING

GPIO8_ALS_PROX_INT

GPIO9_MOTION_INT

GPIO_EXP0_INT

GPIO_EXP1_INT

DIRECTOC_CLK

DIRECTOC_IN

DIRECTOC_OUT0

DIRECTOC_OUT1

DIRECTOC_OUT2

DIRECTOC_OUT3

JTAG_RTCK

JTAG_TCK

JTAG_TDI

JTAG_TDO

JTAG_TMS

JTAG_GPI

JTAG_GPO

JTAG_GPI1

JTAG_GPO1

JTAG_GPI2

JTAG_GPO2

JTAG_GPI3

JTAG_GPO3

JTAG_GPI4

JTAG_GPO4

JTAG_GPI5

JTAG_GPO5

JTAG_GPI6

JTAG_GPO6

JTAG_GPI7

JTAG_GPO7

JTAG_GPI8

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JTAG_GPI10

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JTAG_GPI26

JTAG_GPO26

JTAG_GPI27

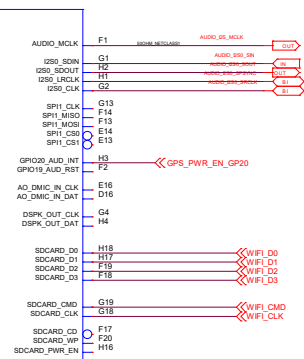
JTAG_GPO27

JTAG_GPI28

JTAG_GPO28

JTAG_GPI29

JTAG_GPO29



Audio

WIFI MODULE

BT MODULE

USB2.0 / OTG

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RESET_AL_1

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CARRIER_STBY

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JTAG_GPI19

JTAG_GPO19

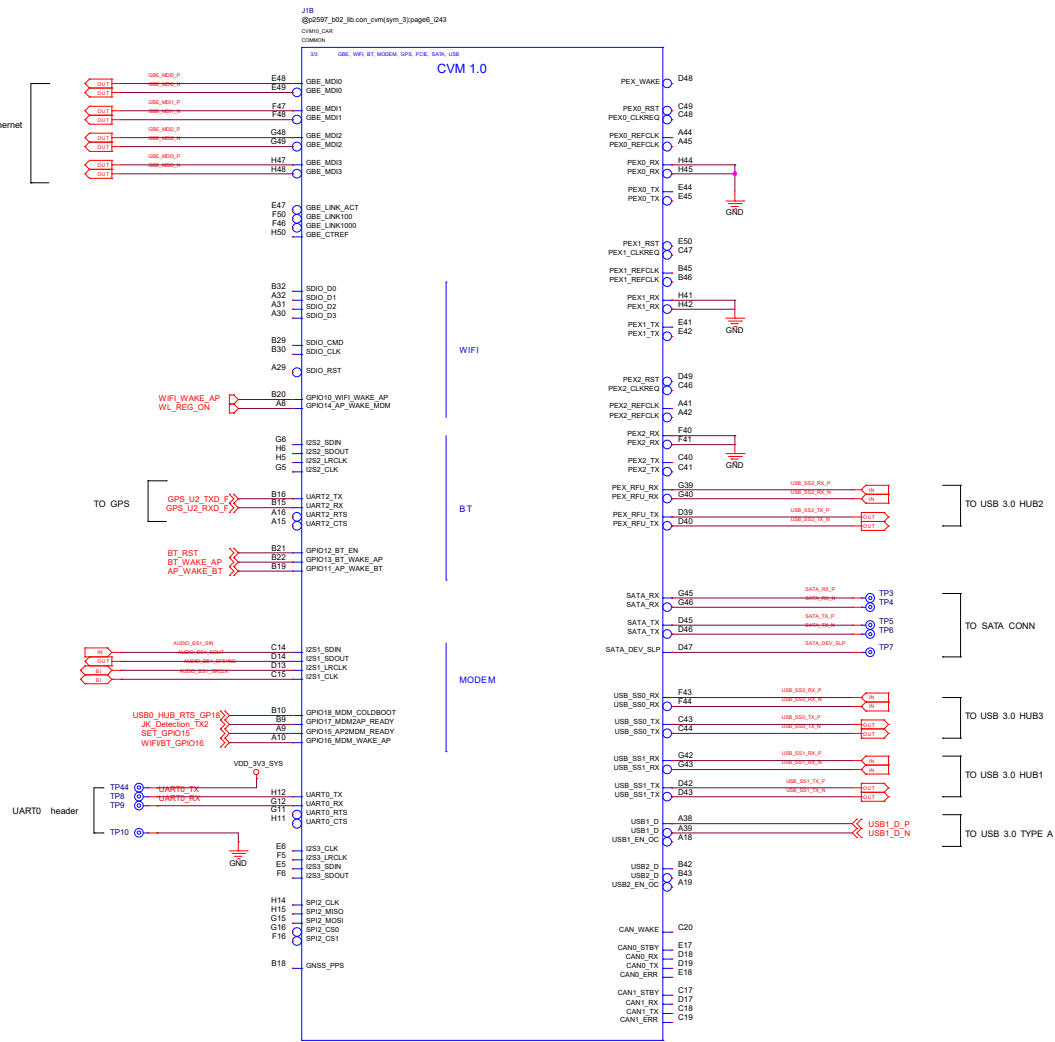
JTAG_GPI20

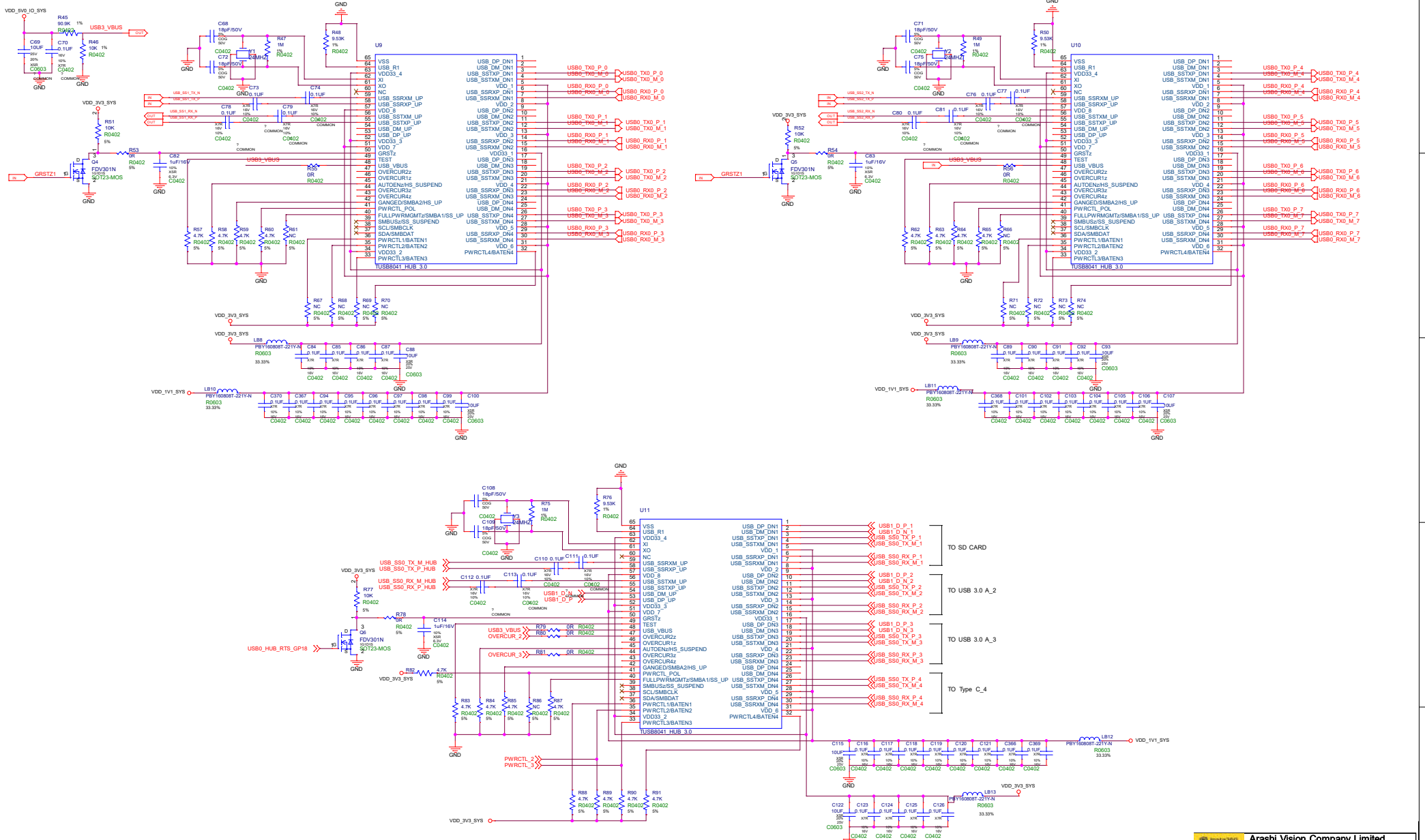
JTAG_GPO20

I2C1:I2C_GP0_CLK/DAT 1KΩ on Jetson TX1 to 1.8V
I2C2:I2C_GP1_CLK/DAT 1KΩ on Jetson TX1 to 3.3V
I2C3:I2C_PM_CLK/DAT 1KΩ on Jetson TX1 to 1.8V
I2C_VI:I2C_CAM_CLK/DAT 1KΩ on Jetson TX1 to 1.8V
I2C6:DP0_AUX_CH_P/N None on Jetson TX1. I/F supports pull-up to 1.8V or 3.3V
DDC:DP1_AUX_CH_P/N None on Jetson TX1. I/F supports pull-up to 1.8V or 3.3V

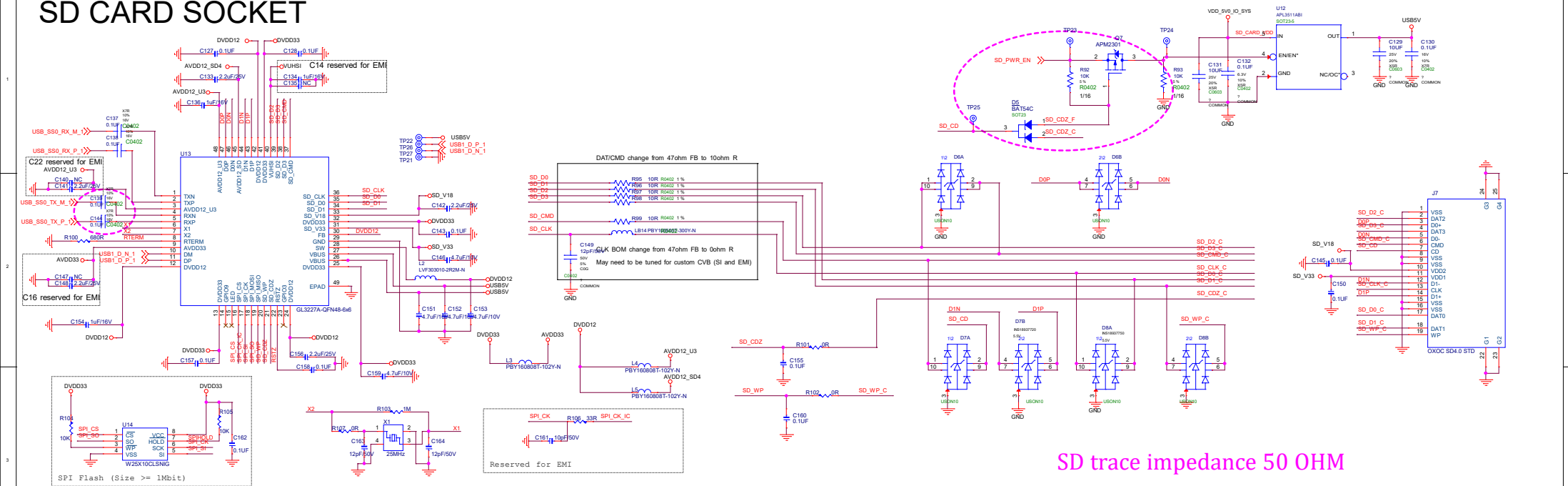
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Gigabit Ethernet

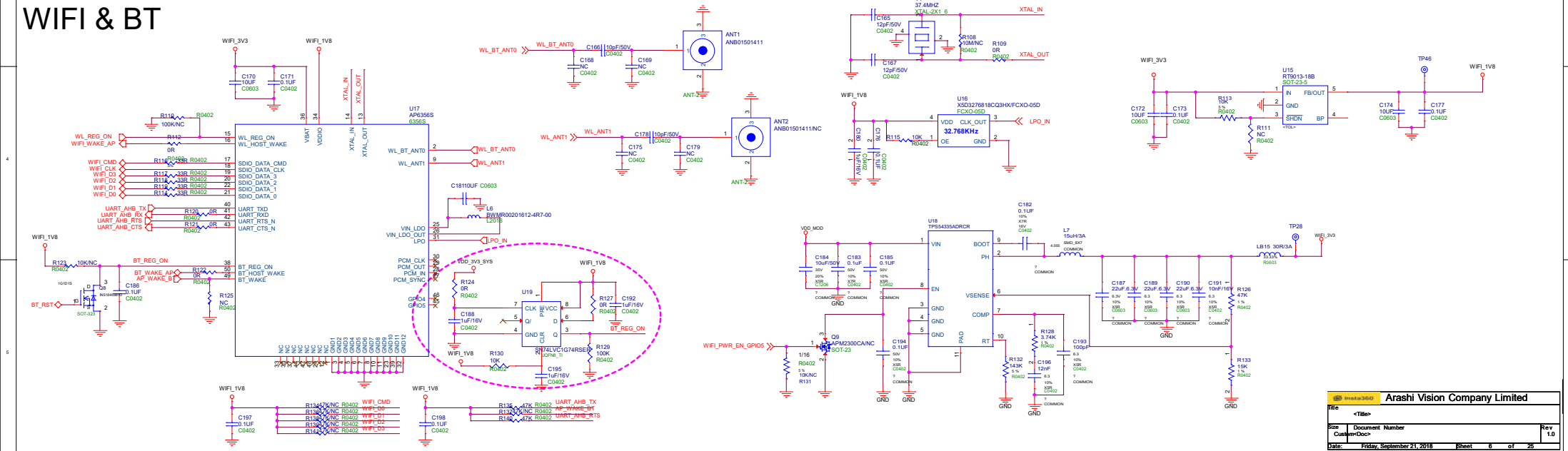


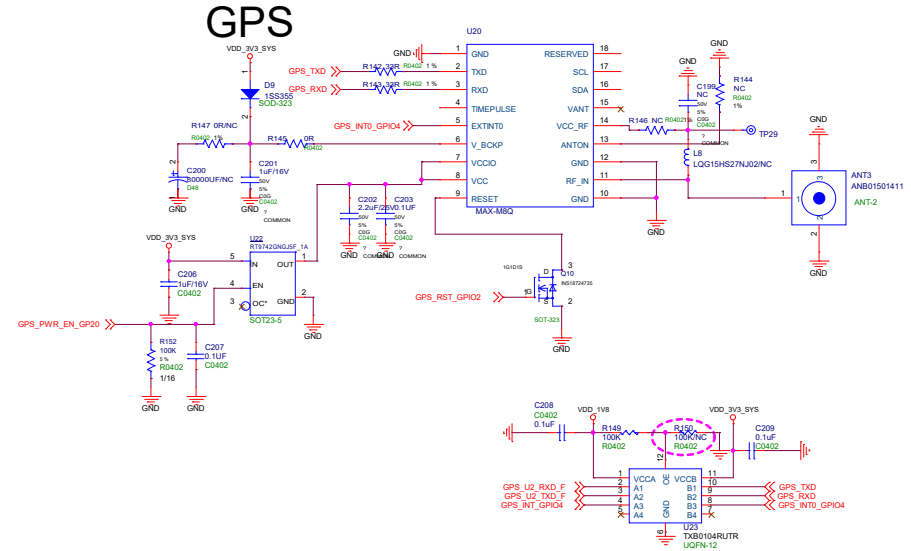
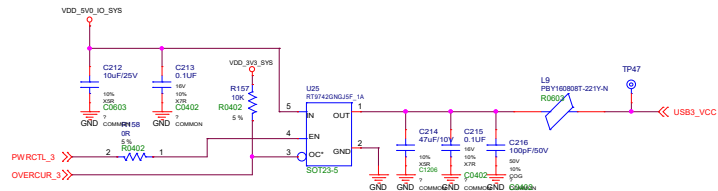
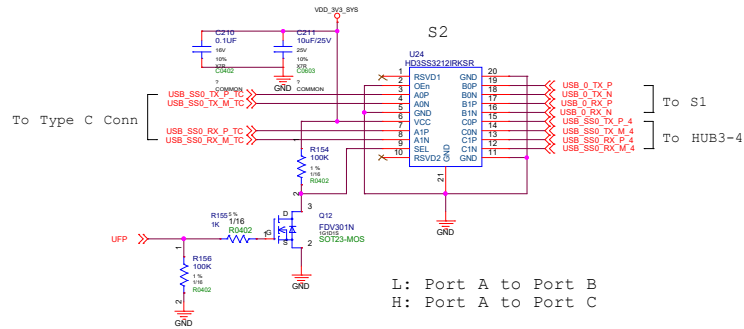
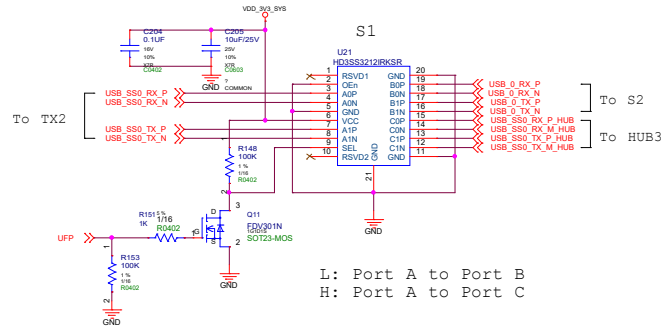
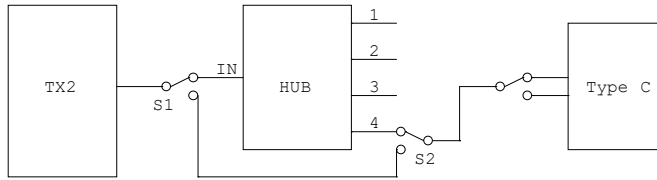


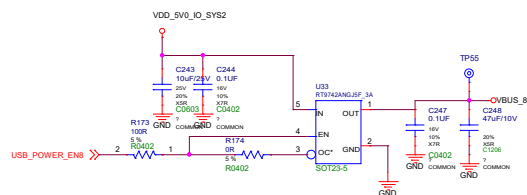
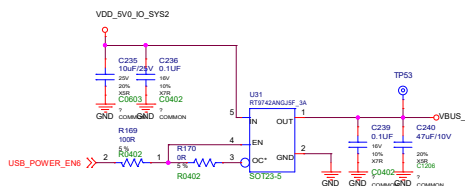
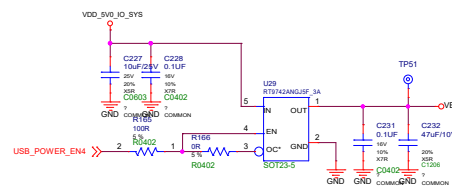
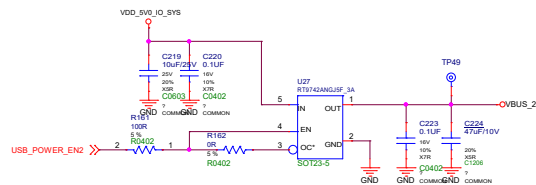
SD CARD SOCKET



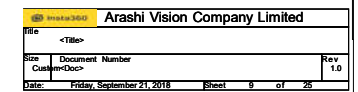
WIFI & BT



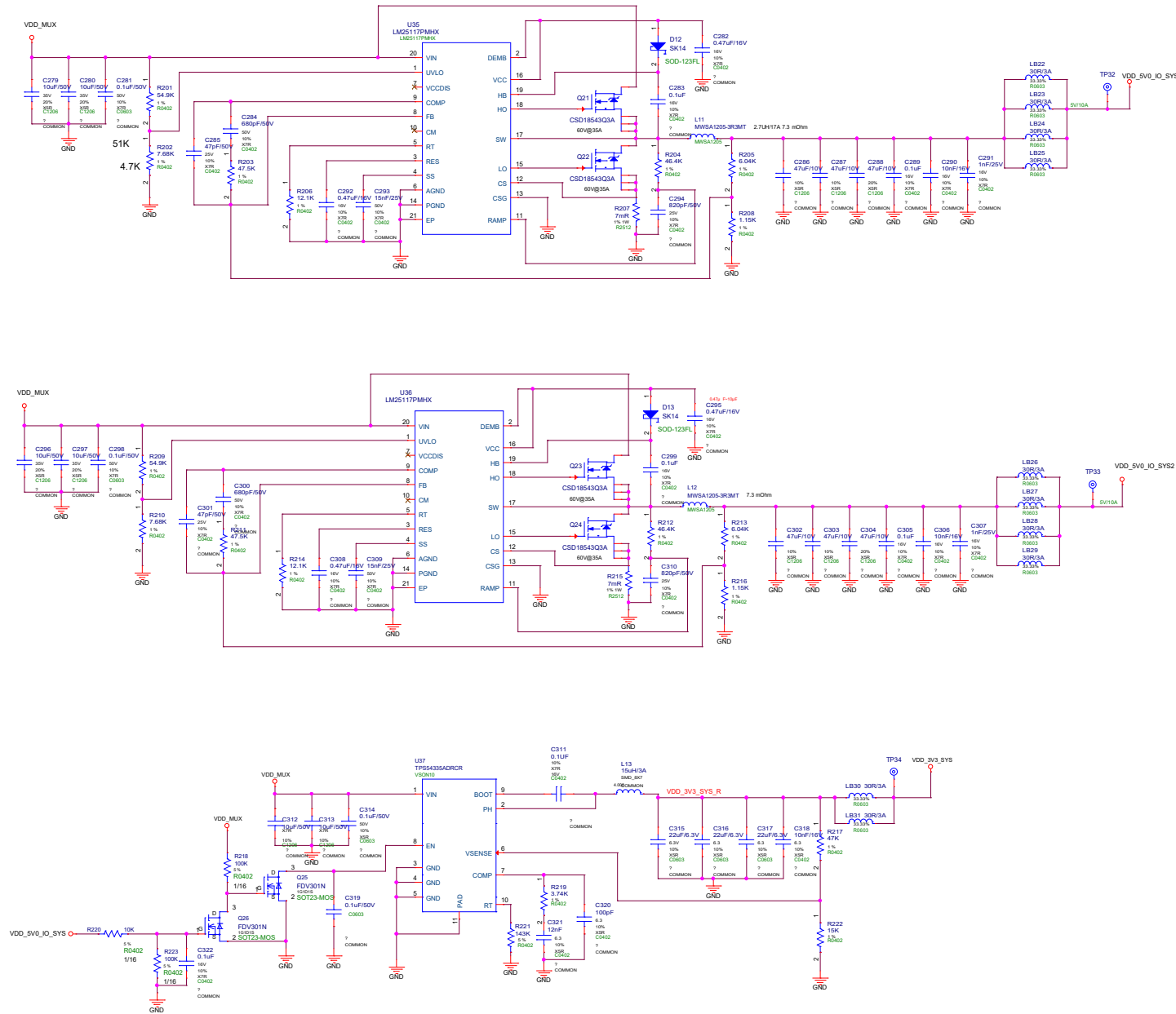




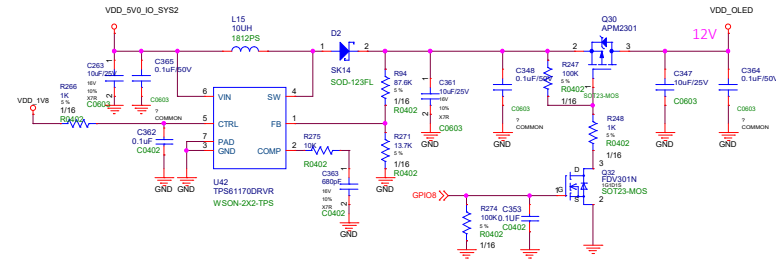
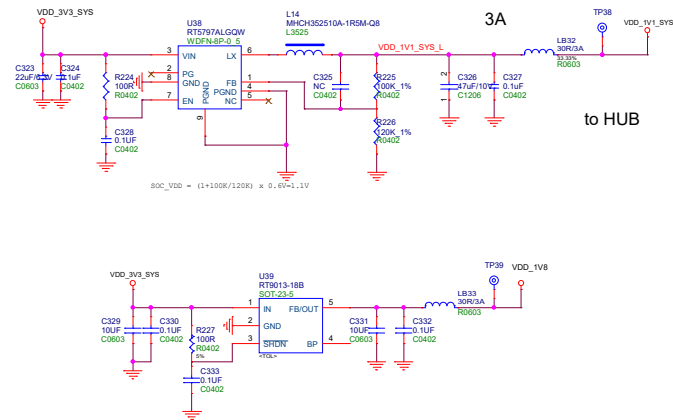
DC Jack / BATTERY



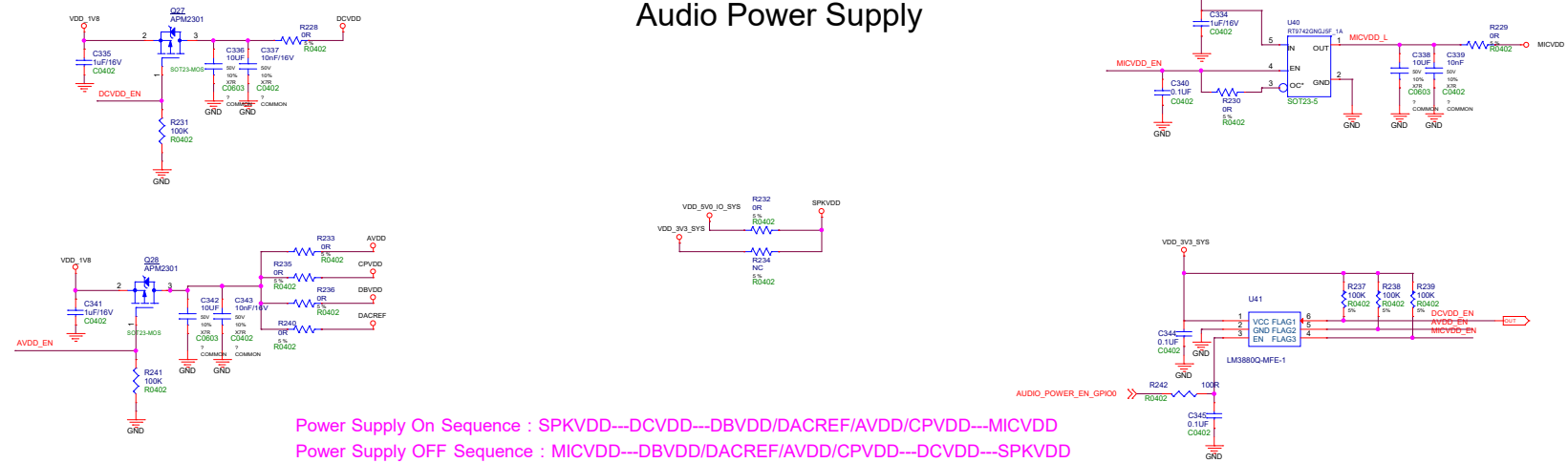
5V & 3V3 SYS POWER SUPPLIES




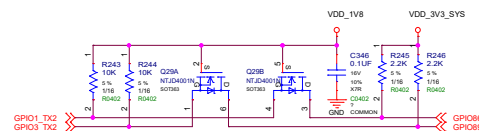
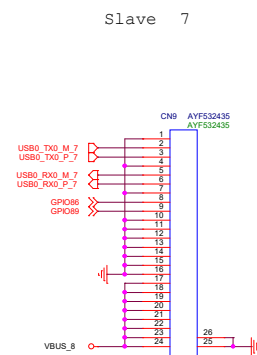
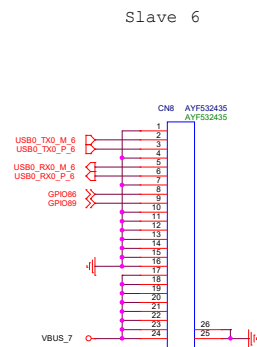
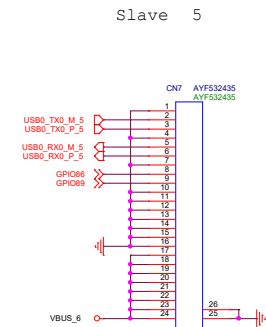
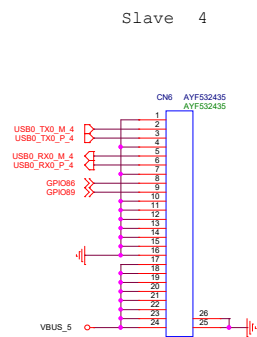
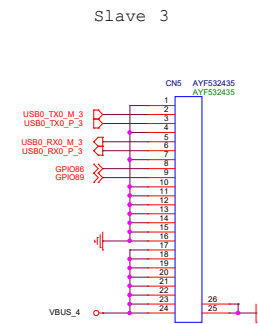
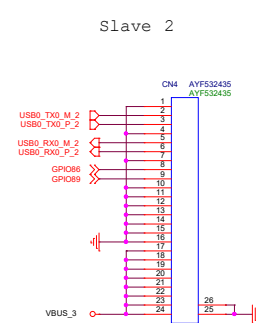
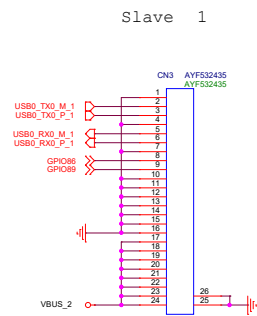
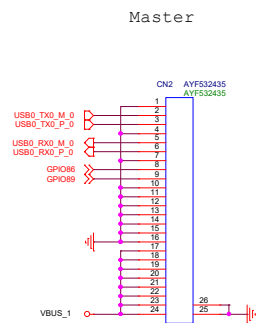
1V8 / 1V1 / 3V3_SLP




Audio Power Supply



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