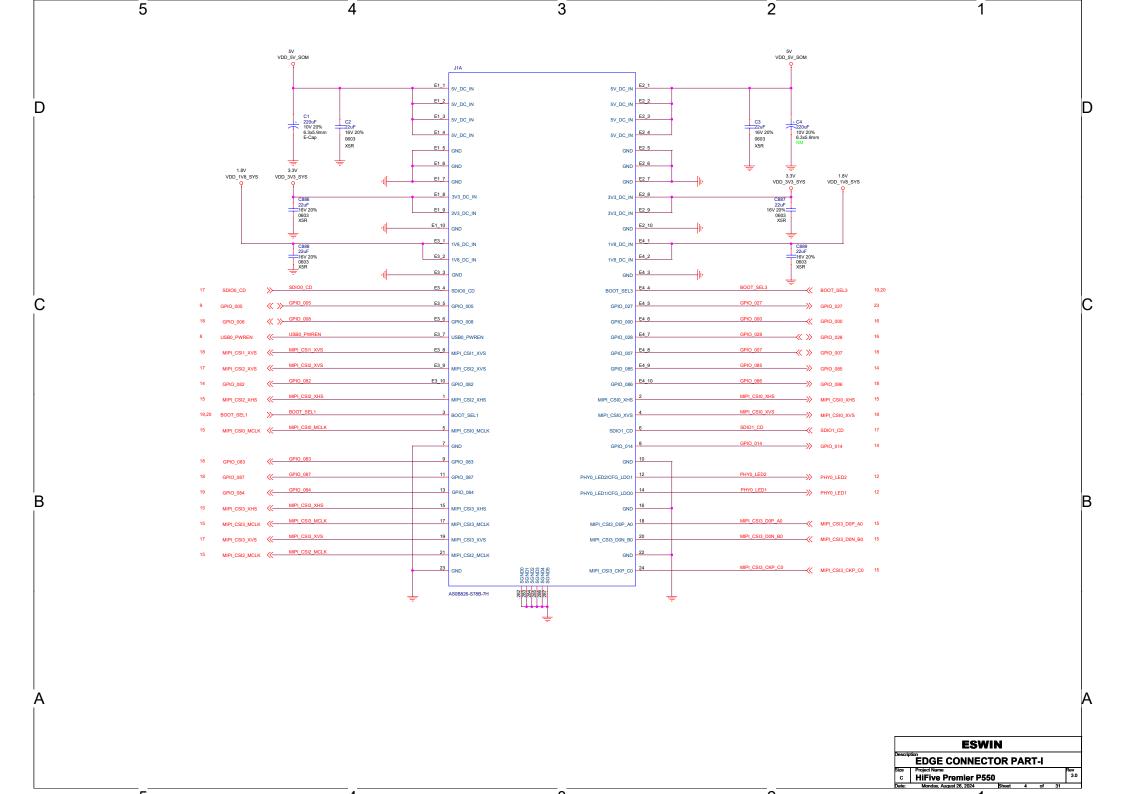
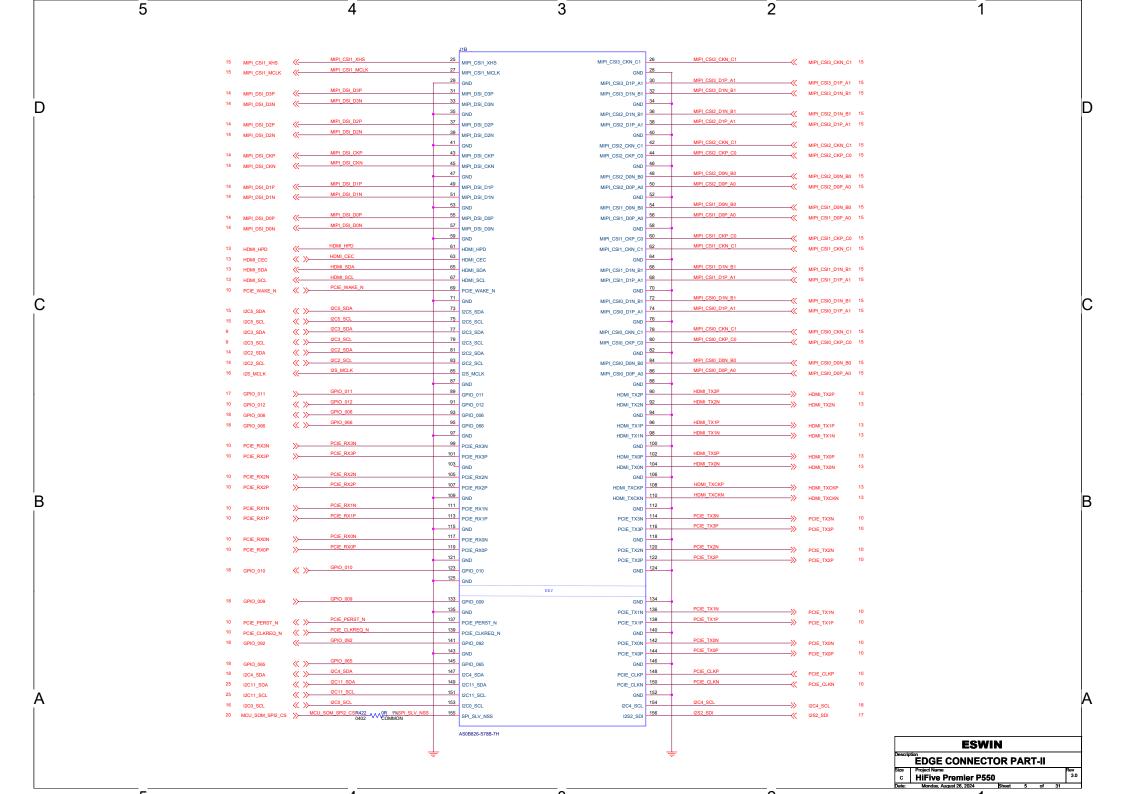
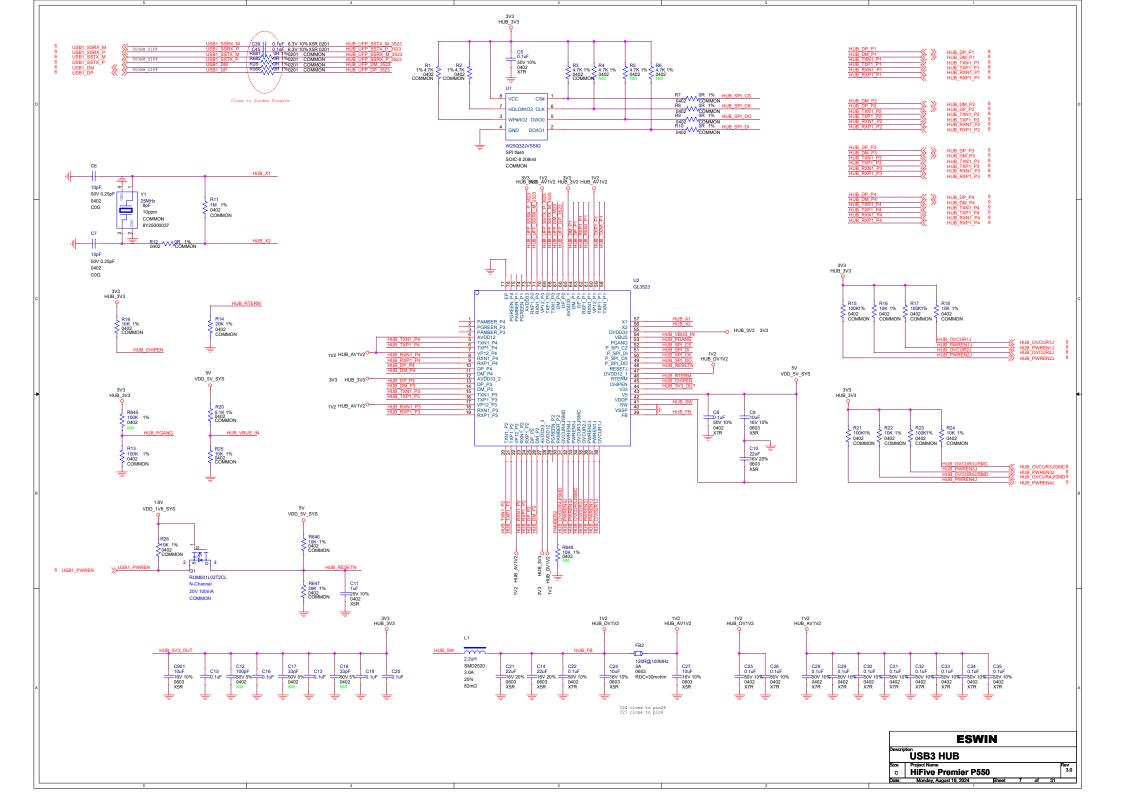


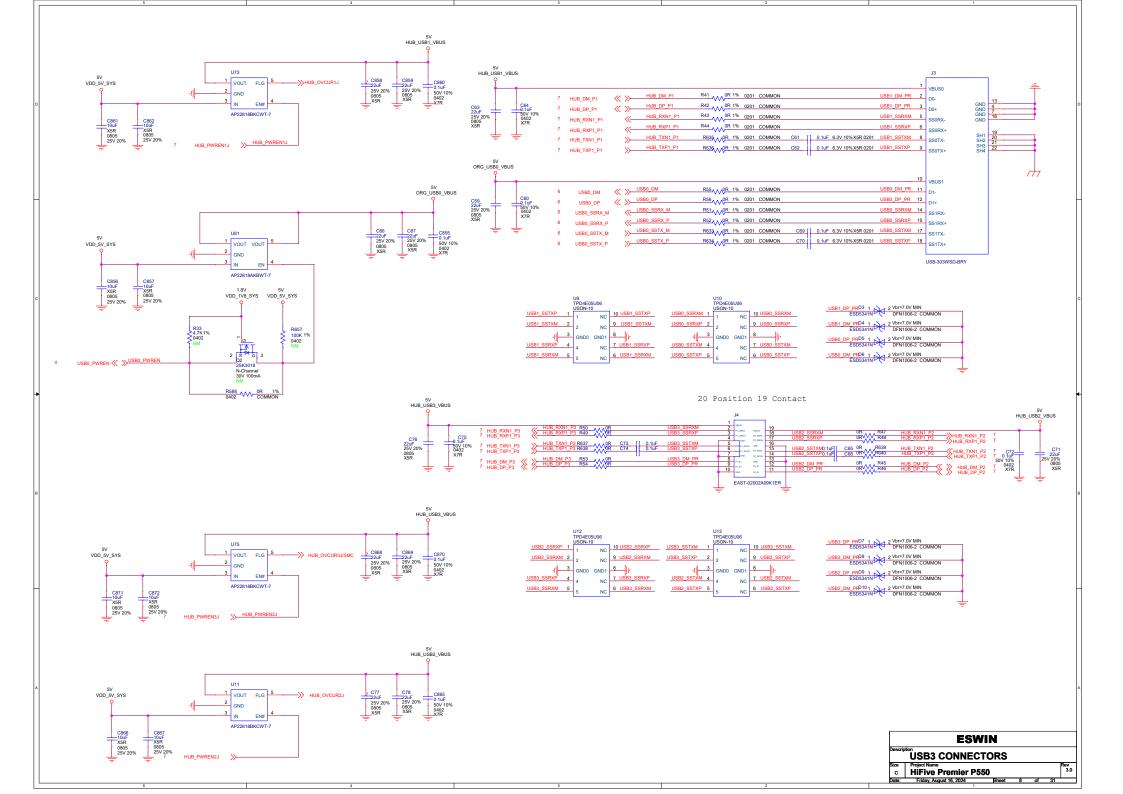
3 5 4 D BMC MCU I2C MAP GPIO FUNCTION USED LIST(SOM ) MCU IO FUNCTION USED LIST MCU IO Voltage Slave IO Vlotage Pin name Slave Device Slave Addr COMMENTS MCU SPI1 NSS RP Audio Jack Sense INFOT LOW Slave mount on SOM board LOW MCU SPI1 MISO INPUT PCIE PRENT 100 I2C3 Slave mount on SOM board MCU SPI1 MOSI COTFOT MLAN MAKE HOST IMPUT LOW MCU SPIZ NSS OUTPUT 3.3V 1000100 MCU SPIZ SCH OUTFUT 1. EPPROM Store Carrier Board information 2. SOM,FT4232 and BMC MCU share I2C BUS 3. Slave mount on Carrier board MLAN POMER ON RIGH I2C1 PB6 PB7 HOST WANT BY OUTPUT LOW MCU SPI2 MOSI CUTPUT MCU I2C3 SCL CUTFUT CSI FPC CON CTRL USER DEFINE USER DEFINE USER DEFINE USER DEFINE CHI FPC CON CTRL INPUT CSI FPC CON CTRL USER DEFINE USER DEFINE FT4232 I2C MAP COTPUT USER DEFINE USER DEFINE MCU IZC1 SDA INOUT USER DEFINE USER DEFINE 4232 IO Voltage Pin name MCU USART3 TX CUTFUT Slave Device Slave Addr COMMENTS USER DEFINE USER DEFINE DSI FPC CON CTRL(J10) MCU USARTI RK USER DEFINE USER DEFINE DSI FPC CON CTRL(J11) 1. EPPROM Store Carrier Board information 2. SOM,FT4232 and BMC MCU share I2C BUS 3. Slave mount on Carrier board MCU USART6 TX OUTFUT I2C BCBUS4 3.3V EEPROM 1.8V 1010000 40PIN HEADER GPIO USED LIST(SOM ) BCBIIS5 MCU UART4 TX OUTPUT MCU UART4 RX INPUT USER DEFINE USER DEFINE SOM I2C MAP 40PIN HEADER MCU JTAG TON OF SWILE Input MCU JTAG TOI Input USER DEFINE USER DEFINE 40PIN MEADER SOC IO Voltage MCU JTAG TOO Pin name COMMENTS Port Slave Device Slave Addr IZC\_MUX\_EN OUTPUT 40PIN MEADER USER DEFINE USER DEFINE POWER ON NEY Input 40PIN HEADER USER DEPINE USER DEPINE I2C0 SCL I2C0 SDA RECOVERY MEY INPUT LOW I2C0 1.8V 0010001 1.8V Slave mount on Carrier board 40PIN HEADER USER DEFINE USER DEFINE CHASS FAN TACHS INFOT USER DEFINE USER DEFINE 40PIN MEADER UART MIX SEL RIGH USER DEFINE USER DEFINE Slave mount on Carrier board 40PIN HEADER I2C1 I2C1\_SCL I2C1\_SDA 1.8V 3.3V EPHY RESETS CUTPUT LOW USER DEFINE USER DEFINE
USER DEFINE USER DEFINE 40PIN HEADER 40PIN READER SOM BOOT MODE CTRL O INOUT USER DEFINE U4 (FUSB303B CC LOGIC) I2C3 1.8V 1000010 USER DEFINE USER DEFINE I2C3\_SCL I2C3\_SDA 1.8V Slave mount on Carrier board 40PIN MEADER SOM BOOT MODE CTRL INCOT USER DEFINE USER DEFINE USER DEFINE
USER DEFINE USER DEFINE
USER DEFINE USER DEFINE 40PIN HEADER 40PIN HEADER I2C4 I2C4\_SCL I2C4\_SDA SON BOOT MODE CTRL 3 INOUT USER DEPIME 1.8V 3.3V Slave mount on Carrier board 40PIN HEADER 40PIN MEADER COTFOT RIGR USER DEFINE USER DEFINE 40PIN MEADER SON NAME RESET OUTPUT LOW USER DEFINE USER DEFINE U25( TCA9548 I2C EXT.) 1.8V 1110000 1.8V Slave mount on Carrier board SOM RESET OUT DETECT Input LOW 40PIN MEADER USER DEFINE USER DEFINE POWER LED RIGR 40PIN MEADER USER DEPINE USER DEPINE SLEEP LED CUTFUT RIGR 1. EPPROM Store Carrier Board information 2. SOM,FT4232 and BMC MCU share I2C BUS 3. Slave mount on Carrier board 40PIN SEADER USER DEFINE USER DEFINE I2C10 1.8V U63 (AT24C02C EEPROM) 1.8V 1010000 MCU TIMERA PANI PWM USER DEFINE USER DEFINE 40PIN MEADER MCU TIMERA PANZ USER DEFINE USER DEFINE ATX POWER ON REQUES RIGH 40PIN HEADER USER DEFINE USER DEFINE PMICO MP8785 1.8V Slave mount on SOM board 40PIN READER USER DEFINE USER DEFINE CHASS FAN TOUCH Input 40PIN HEADER USER DEFINE USER DEFINE I2C11\_SCL I2C11\_SDA 1.8V LED PMM1 COTPUT RIGH I2C11 Slave mount on SOM board USER DEFINE USER DEFINE
USER DEFINE USER DEFINE 40PIN SEADER LED PHNG 40PIN SEADER Power Monitor(INA226) 3.3V 1000100 Slave mount on Carrier board USER DEFINE USER DEFINE LED PWH3 ESWIN ADDRESS MAP D HiFive Premier P550 5 3 4

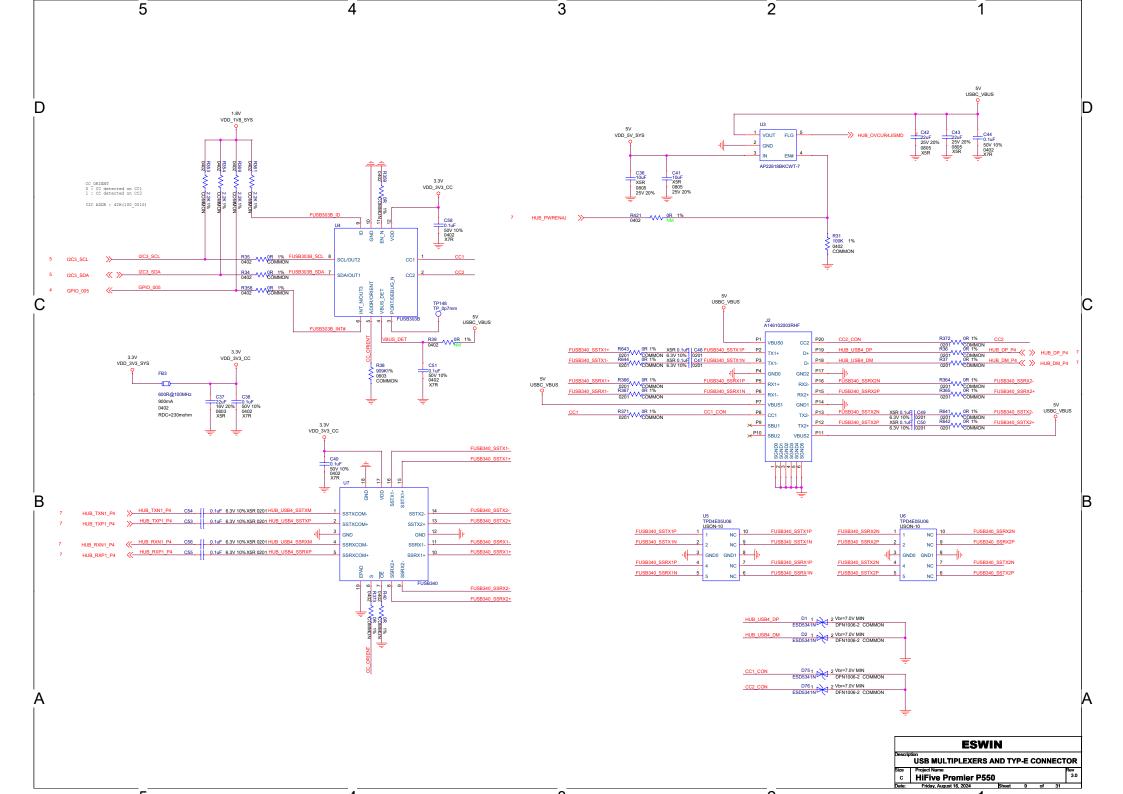


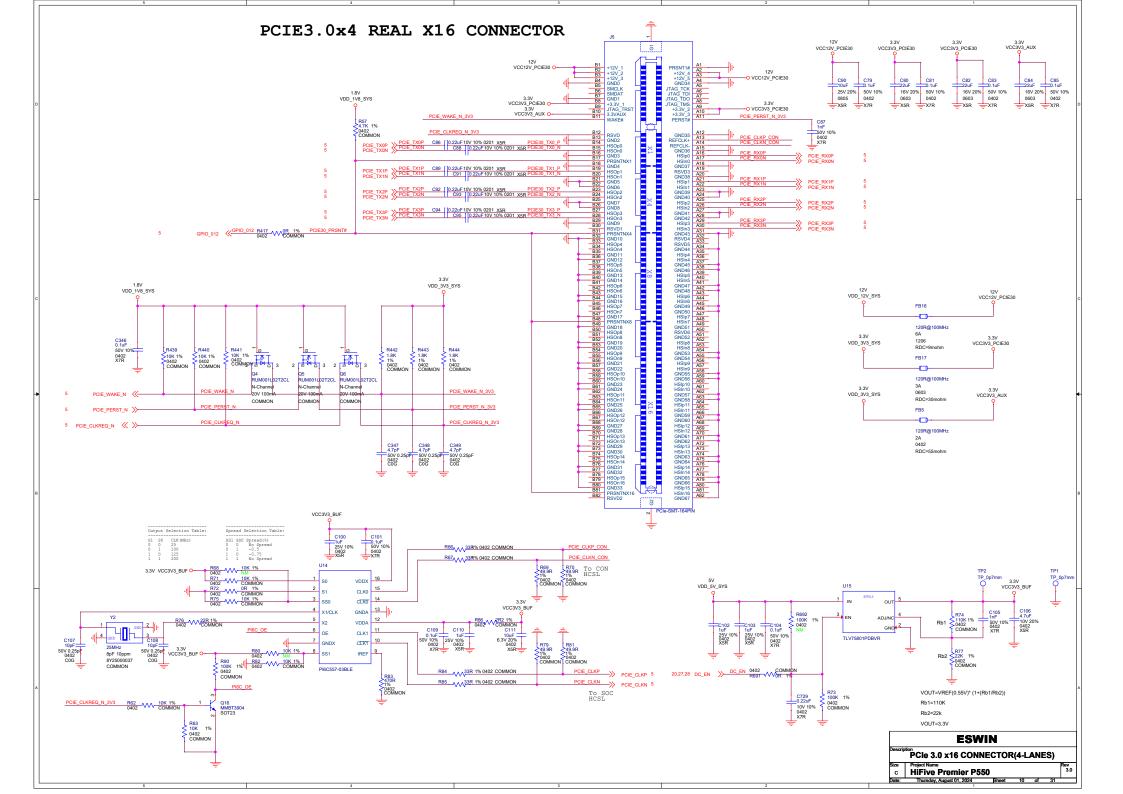


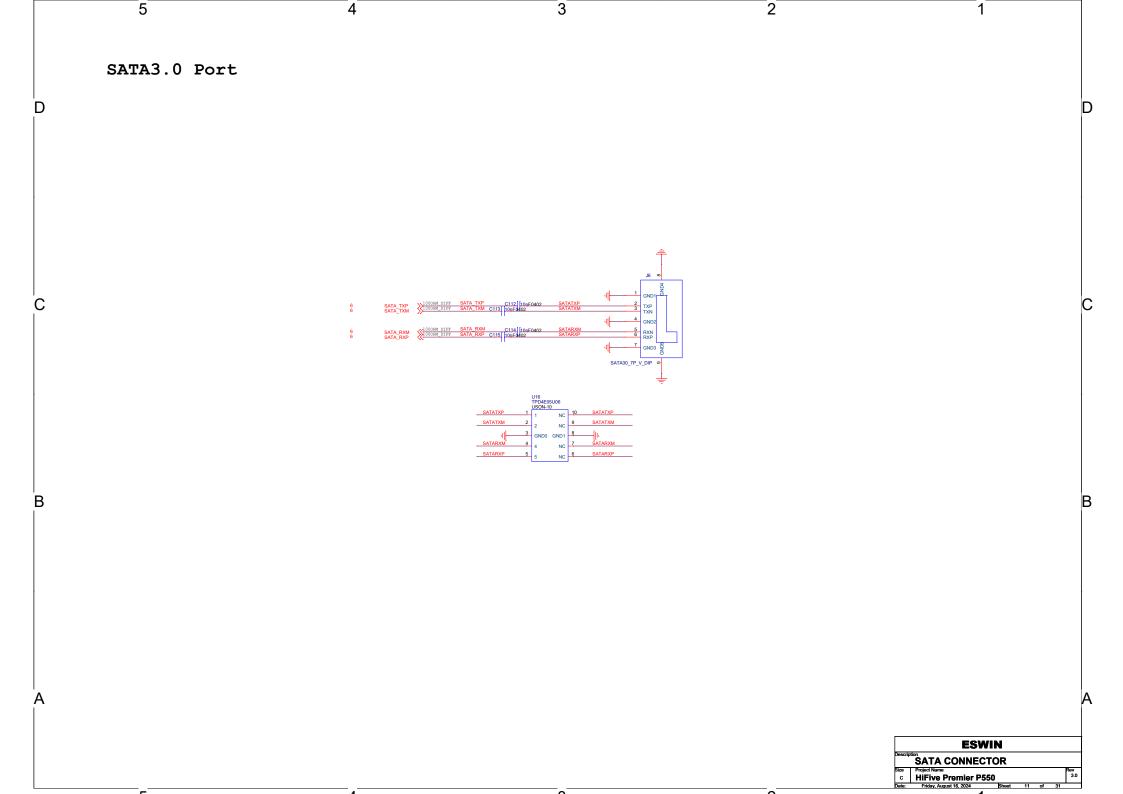


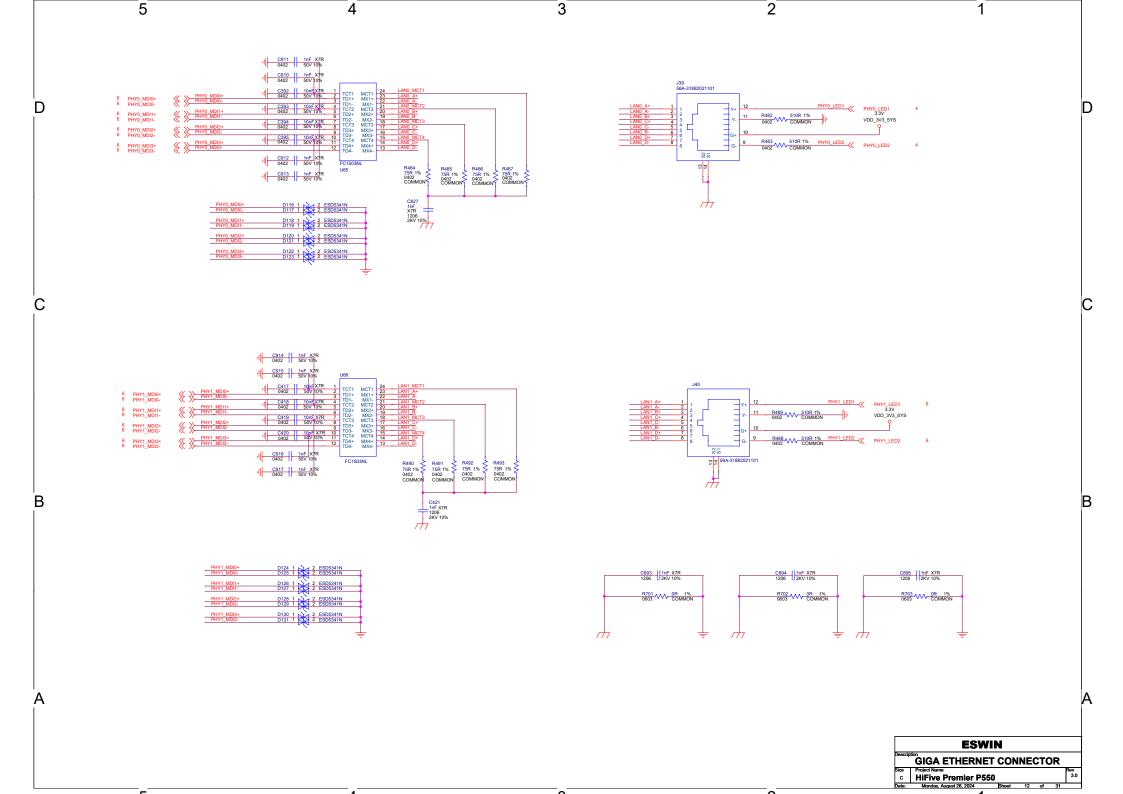


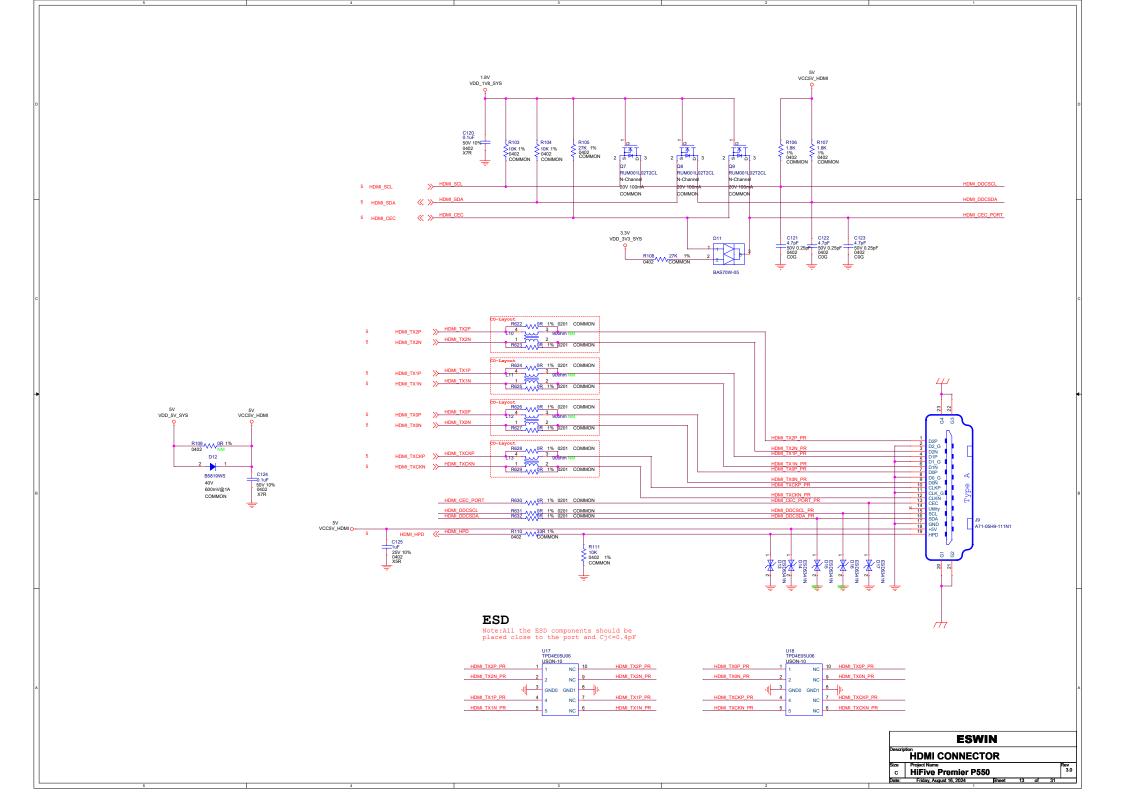


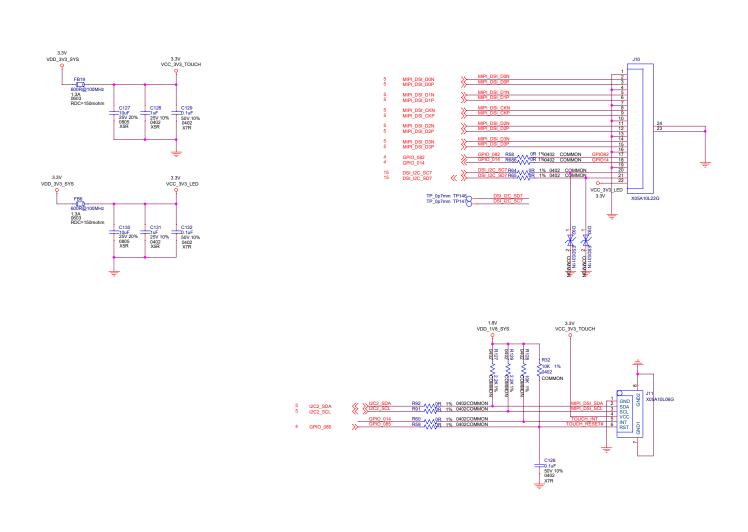












U19 TPD4E05U06 USON-10 NC 10 MIPI\_DSI\_DON NC 6 MIPI\_DSI\_D1P NC 10 MIPI\_DSI\_CKN
NC 9 MIPI\_DSI\_CKP 9 SND0 SND1 8 1 7 MIPI\_DSI\_D2N NC 6 MIPI\_DSI\_D2P U21 TPD4E05U06 USON-10 NC 10 MIPI\_DSI\_D3N NC 9 MIPI\_DSI\_D3P NC 10 MIPI\_DSI\_SDA NC 9 MIPI\_DSI\_SCL 4 4 NC 7 TOUCH INT

TOUCH\_RESET# 5

	ESWIN	
Descrip	DSI CONNECTOR	
Size C	Project Name HiFive Premier P550	Rev 3.0

NC 6 TOUCH\_RESET#

