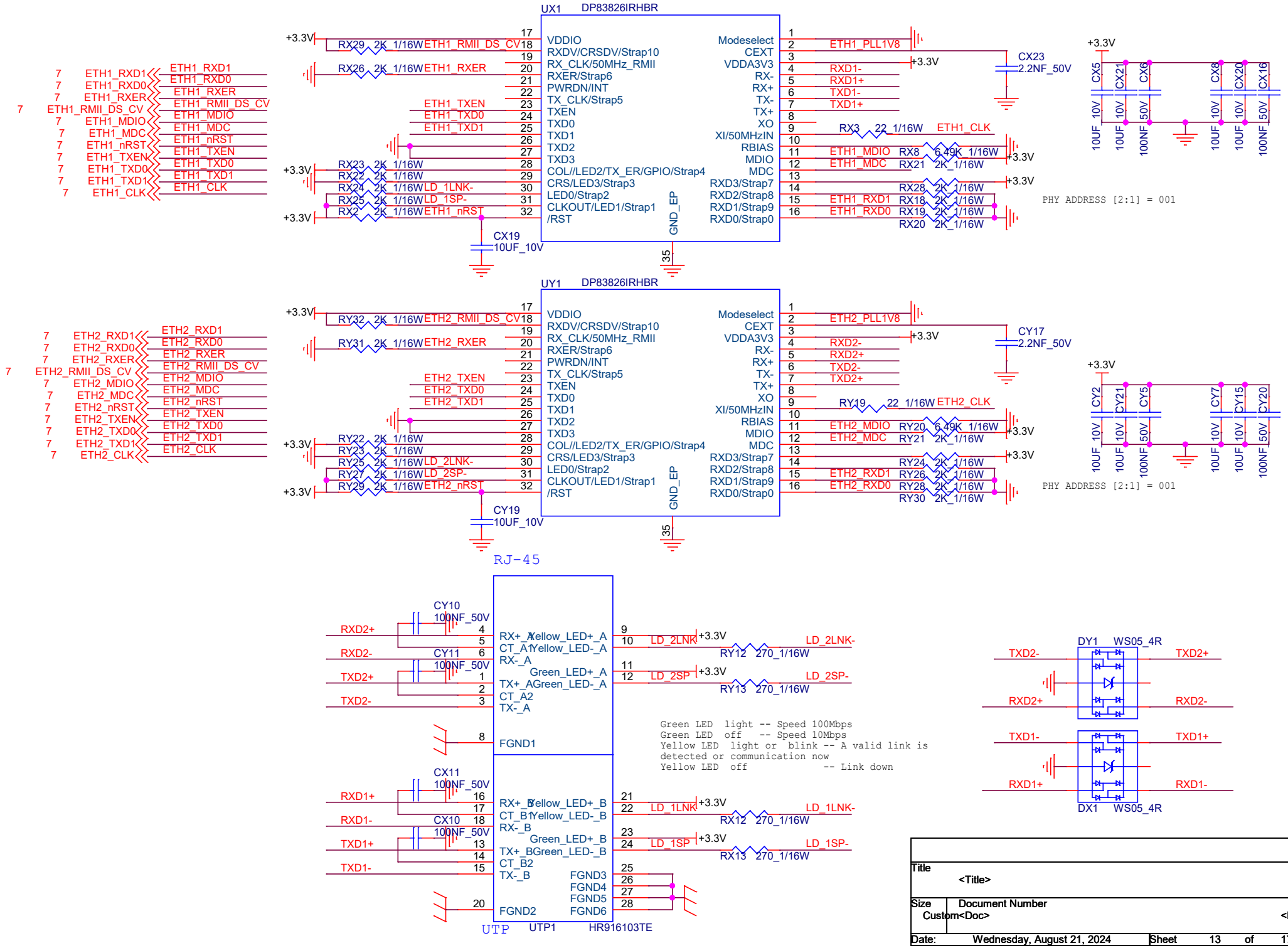
UX1 DP83826IRHBR
VDDIO
RXDV/CRSDV/Strap10
RX_CLK/50MHz_RMII
RXER/Strap6
PWRDN/INT
TX_CLK/Strap5
TXEN
TXD0
TXD1
TXD2
TXD3
COL//LED2/TX_ER/GPIO/Strap4
CRS/LED3/Strap3
LED0/Strap2
CLKOUT/LED1/Strap1
/RST
GND_EP
Modeselect
CEXT
VDDA3V3
RX-
RX+
TX-
TX+
XO
XI/50MHzIN
RBIAS
MDIO
MDC
RXD3/Strap7
RXD2/Strap8
RXD1/Strap9
RXD0/Strap0
ETH1_RXD1
ETH1_RXD0
ETH1_RXER
ETH1_RMII_DS_CV
ETH1_MDIO
ETH1_MDC
ETH1_nRST
ETH1_TXEN
ETH1_TXD0
ETH1_TXD1
ETH1_CLK
RX29 2K 1/16W ETH1_RMII_DS_CV
RX26 2K 1/16W ETH1_RXER
RX23 2K 1/16W
RX22 2K 1/16W
RX24 2K 1/16W LD_1LNK-
RX25 2K 1/16W LD_1SP-
RX2 2K 1/16W ETH1_nRST
+3.3V
CX19 10UF_10V
ETH1_PLL1V8
CX23 2.2NF_50V
RXD1-
RXD1+
TXD1-
TXD1+
RX3 22 1/16W ETH1_CLK
RX8 6.49K 1/16W
RX21 2K 1/16W
RX28 2K 1/16W
RX18 2K 1/16W
RX19 2K 1/16W
RX20 2K 1/16W
CX5 CX21 CX6 CX8 CX20 CX16
10UF 10V 100NF 50V
PHY ADDRESS [2:1] = 001
UY1 DP83826IRHBR
ETH2_RXD1
ETH2_RXD0
ETH2_RXER
ETH2_RMII_DS_CV
ETH2_MDIO
ETH2_MDC
ETH2_nRST
ETH2_TXEN
ETH2_TXD0
ETH2_TXD1
ETH2_CLK
RY32 2K 1/16W ETH2_RMII_DS_CV
RY31 2K 1/16W ETH2_RXER
RY22 2K 1/16W
RY23 2K 1/16W
RY25 2K 1/16W LD_2LNK-
RY27 2K 1/16W LD_2SP-
RY29 2K 1/16W ETH2_nRST
CY19 10UF_10V
ETH2_PLL1V8
CY17 2.2NF_50V
RXD2-
RXD2+
TXD2-
TXD2+
RY19 22 1/16W ETH2_CLK
RY20 6.49K 1/16W
RY21 2K 1/16W
RY24 2K 1/16W
RY26 2K 1/16W
RY28 2K 1/16W
RY30 2K 1/16W
CY2 CY21 CY5 CY7 CY15 CY20
10UF 10V 100NF 50V
PHY ADDRESS [2:1] = 001
RJ-45
CY10 100NF_50V
CY11 100NF_50V
CX11 100NF_50V
CX10 100NF_50V
RXD2+
RXD2-
TXD2+
TXD2-
RXD1+
RXD1-
TXD1+
TXD1-
RX+_A Yellow_LED+_A
CT_A Yellow_LED-_A
RX-_A
Green_LED+_A
TX+_A Green_LED-_A
CT_A2
TX-_A
FGND1
RX+_B Yellow_LED+_B
CT_B Yellow_LED-_B
RX-_B
Green_LED+_B
TX+_B Green_LED-_B
CT_B2
TX-_B
FGND2
FGND3
FGND4
FGND5
FGND6
LD_2LNK
LD_2SP
LD_1LNK
LD_1SP
LD_2LNK-
LD_2SP-
LD_1LNK-
LD_1SP-
RY12 270_1/16W
RY13 270_1/16W
RX12 270_1/16W
RX13 270_1/16W
Green LED light -- Speed 100Mbps
Green LED off -- Speed 10Mbps
Yellow LED light or blink -- A valid link is detected or communication now
Yellow LED off -- Link down
UTP UTP1 HR916103TE
DY1 WS05_4R
DX1 WS05_4R
TXD2-
TXD2+
RXD2+
RXD2-
TXD1-
TXD1+
RXD1+
RXD1-
Title
<Title>
Size
Custom
Document Number
<Doc>
Rev
<RevCode>
Date: Wednesday, August 21, 2024
Sheet 13 of 17