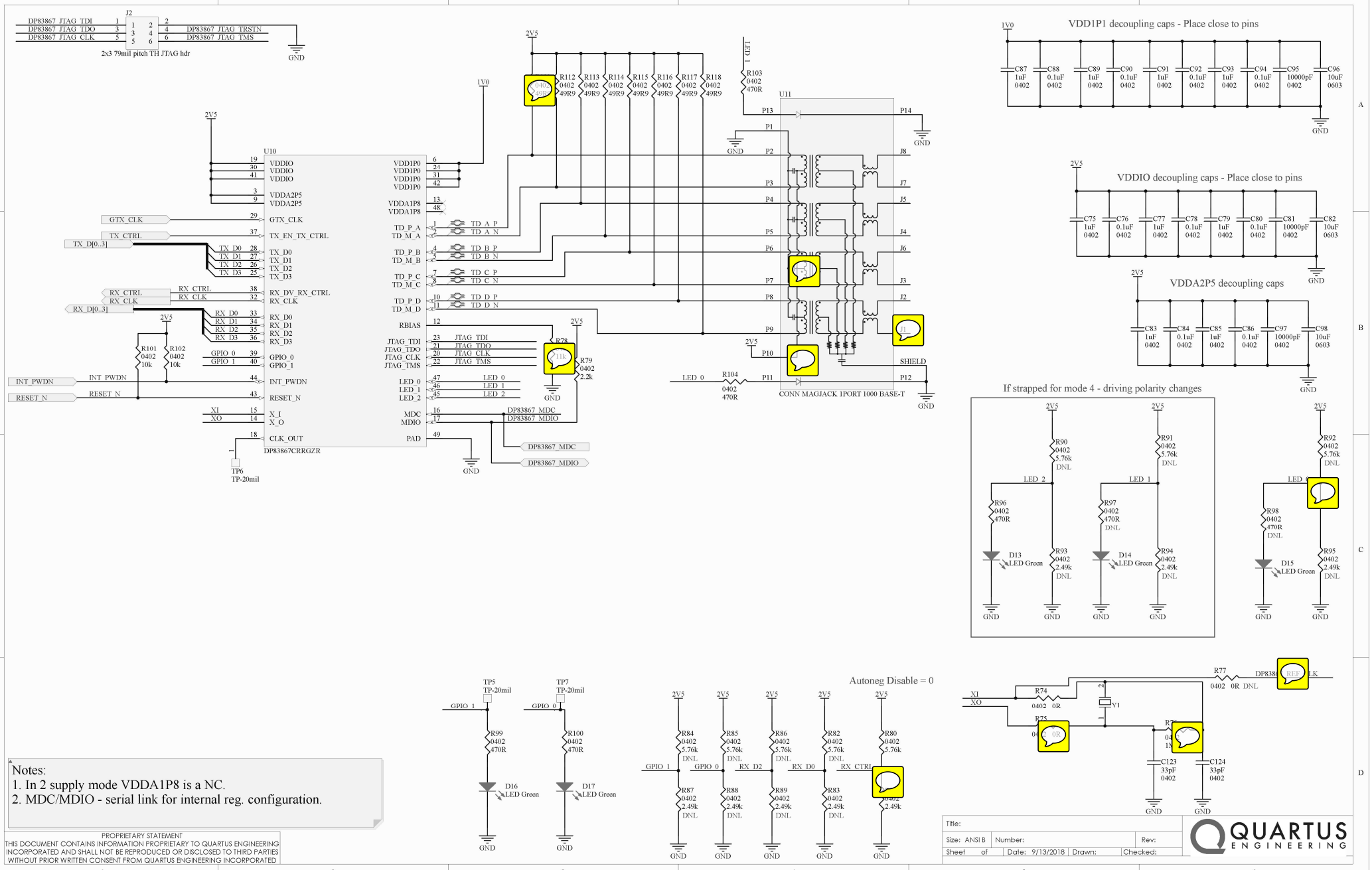
J2
DP83867_JTAG_TDI
DP83867_JTAG_TDO
DP83867_JTAG_CLK
DP83867_JTAG_TRSTN
DP83867_JTAG_TMS
2x3 79mil pitch TH JTAG hdr
GND
2V5
1V0
U10
VDDIO
VDDA2P5
GTX_CLK
TX_CTRL
TX_D[0..3]
TX_D0
TX_D1
TX_D2
TX_D3
RX_CTRL
RX_CLK
RX_D[0..3]
RX_D0
RX_D1
RX_D2
RX_D3
RX_DV_RX_CTRL
GPIO_0
GPIO_1
INT_PWDN
RESET_N
X_I
X_O
CLK_OUT
DP83867CRRGZR
TP6
TP-20mil
VDD1P0
VDDA1P8
TD_P_A
TD_M_A
TD_P_B
TD_M_B
TD_P_C
TD_M_C
TD_P_D
TD_M_D
RBIAS
JTAG_TDI
JTAG_TDO
JTAG_CLK
JTAG_TMS
LED_0
LED_1
LED_2
MDC
MDIO
PAD
TD_A_P
TD_A_N
TD_B_P
TD_B_N
TD_C_P
TD_C_N
TD_D_P
TD_D_N
DP83867_MDC
DP83867_MDIO
R101 0402 10k
R102 0402 10k
R78
R79 0402 2.2k
R104 0402 470R
R103 0402 470R
R112 0402 49R9
R113 0402 49R9
R114 0402 49R9
R115 0402 49R9
R116 0402 49R9
R117 0402 49R9
R118 0402 49R9
U11
CONN MAGJACK 1PORT 1000 BASE-T
SHIELD
VDD1P1 decoupling caps - Place close to pins
C87 1uF 0402
C88 0.1uF 0402
C89 0.1uF 0402
C90 0.1uF 0402
C91 1uF 0402
C92 0.1uF 0402
C93 1uF 0402
C94 0.1uF 0402
C95 10000pF 0402
C96 10uF 0603
VDDIO decoupling caps - Place close to pins
C75 1uF 0402
C76 0.1uF 0402
C77 1uF 0402
C78 0.1uF 0402
C79 1uF 0402
C80 0.1uF 0402
C81 10000pF 0402
C82 10uF 0603
VDDA2P5 decoupling caps
C83 1uF 0402
C84 0.1uF 0402
C85 1uF 0402
C86 0.1uF 0402
C97 10000pF 0402
C98 10uF 0603
If strapped for mode 4 - driving polarity changes
R90 0402 5.76k DNL
R91 0402 5.76k DNL
R92 0402 5.76k DNL
R96 0402 470R
R97 0402 470R DNL
R98 0402 470R DNL
D13 LED Green
D14 LED Green
D15 LED Green
R93 0402 2.49k DNL
R94 0402 2.49k DNL
R95 0402 2.49k DNL
TP5 TP-20mil
TP7 TP-20mil
R99 0402 470R
R100 0402 470R
D16 LED Green
D17 LED Green
Autoneg Disable = 0
R84 0402 5.76k DNL
R85 0402 5.76k DNL
R86 0402 5.76k DNL
R82 0402 5.76k DNL
R80 0402 5.76k DNL
R87 0402 2.49k DNL
R88 0402 2.49k DNL
R89 0402 2.49k DNL
R83 0402 2.49k DNL
R77 0402 0R DNL
R74 0402 0R
R75
Y1
C123 33pF 0402
C124 33pF 0402
Notes:
1. In 2 supply mode VDDA1P8 is a NC.
2. MDC/MDIO - serial link for internal reg. configuration.
PROPRIETARY STATEMENT
THIS DOCUMENT CONTAINS INFORMATION PROPRIETARY TO QUARTUS ENGINEERING INCORPORATED AND SHALL NOT BE REPRODUCED OR DISCLOSED TO THIRD PARTIES WITHOUT PRIOR WRITTEN CONSENT FROM QUARTUS ENGINEERING INCORPORATED
Title:
Size: ANSI B
Number:
Rev:
Sheet of
Date: 9/13/2018
Drawn:
Checked:
QUARTUS ENGINEERING