Version : 17.400

Date/Time : 2024-10-22T10:44:41

Worksheet Name : Electrical\Net\Routing\Relative Propagation Delay

Type	S	Objects Name	Pin Delay Pin 1 mil	Length mil
*	*	*	*	*
Dsn		◄ **K24-IOCC-PCB-1-01-01_20240823a**		
MGrp		----- ◄ **GTR_LAN0-1(10)**		
PPr		--------- **CON1.A56:J1.7 [GTR_LANE0_RX_N]**	**0.137 ns**	2800.72
PPr		--------- **CON1.A55:J1.5 [GTR_LANE0_RX_P]**	**0.13727 ns**	2800.63
PPr		--------- **CON1.B58:J1.8 [GTR_LANE0_TX_N]**	**0.15161 ns**	2800.92
PPr		--------- **CON1.B57:J1.6 [GTR_LANE0_TX_P]**	**0.15159 ns**	2800.38
PPr		--------- **CON1.C56:J1.11 [GTR_LANE1_RX_N]**	**0.14501 ns**	2800.58
PPr		--------- **CON1.C55:J1.9 [GTR_LANE1_RX_P]**	**0.14505 ns**	2800.84
PPr		--------- **CON1.A48:J1.12 [GTR_LANE1_TX_N]**	**0.11419 ns**	2800.23
PPr		--------- **CON1.A47:J1.10 [GTR_LANE1_TX_P]**	**0.11431 ns**	2800.93
PPr		--------- **CON1.C48:J1.15 [GTR_REFCLK0_N]**	**0.11036 ns**	2801.43
PPr		--------- **CON1.C47:J1.13 [GTR_REFCLK0_P]**	**0.11028 ns**	2801.58
MGrp		----- ◄ **GTR_LAN2-3(10)**		
PPr		--------- **CON1.B54:J2.7 [GTR_LANE2_RX_N]**	**0.11437 ns**	2800.50
PPr		--------- **CON1.B53:J2.5 [GTR_LANE2_RX_P]**	**0.11459 ns**	2800.30
PPr		--------- **CON1.D58:J2.8 [GTR_LANE2_TX_N]**	**0.16794 ns**	2800.68
PPr		--------- **CON1.D57:J2.6 [GTR_LANE2_TX_P]**	**0.16802 ns**	2800.55
PPr		--------- **CON1.D50:J2.11 [GTR_LANE3_RX_N]**	**0.12193 ns**	2800.18
PPr		--------- **CON1.D49:J2.9 [GTR_LANE3_RX_P]**	**0.12203 ns**	2800.89
PPr		--------- **CON1.C52:J2.12 [GTR_LANE3_TX_N]**	**0.14434 ns**	2800.91
PPr		--------- **CON1.C51:J2.10 [GTR_LANE3_TX_P]**	**0.1444 ns**	2800.65
PPr		--------- **CON1.B50:J2.15 [GTR_REFCLK1_N]**	**0.11158 ns**	2801.34
PPr		--------- **CON1.B49:J2.13 [GTR_REFCLK1_P]**	**0.11153 ns**	2801.13
MGrp		----- ◄ **HSIO(44)**		
PPr		--------- **CON1.A07:J1.35 [HPA_CLK0_N]**	**0.14777 ns**	4776.37
PPr		--------- **CON1.A06:J1.33 [HPA_CLK0_P]**	**0.14817 ns**	4776.51
PPr		--------- **CON1.C04:J2.16 [HPA00_CC_N]**	**0.23894 ns**	4775.51
PPr		--------- **CON1.C03:J2.14 [HPA00_CC_P]**	**0.23895 ns**	4775.25
PPr		--------- **CON1.D08:J2.19 [HPA01_N]**	**0.27402 ns**	4775.74
PPr		--------- **CON1.D07:J2.17 [HPA01_P]**	**0.27402 ns**	4775.43
PPr		--------- **CON1.D05:J2.20 [HPA02_N]**	**0.23385 ns**	4775.30
PPr		--------- **CON1.D04:J2.18 [HPA02_P]**	**0.23372 ns**	4775.76
PPr		--------- **CON1.C07:J2.23 [HPA03_N]**	**0.28791 ns**	4775.28
PPr		--------- **CON1.C06:J2.21 [HPA03_P]**	**0.28798 ns**	4775.51
PPr		--------- **CON1.B05:J2.24 [HPA04_N]**	**0.25757 ns**	4775.89
PPr		--------- **CON1.B04:J2.22 [HPA04_P]**	**0.25765 ns**	4775.82
PPr		--------- **CON1.B02:J2.35 [HPA05_CC_N]**	**0.19422 ns**	4775.37
PPr		--------- **CON1.B01:J2.33 [HPA05_CC_P]**	**0.19444 ns**	4775.02

PPr		---------- **CON1.A04:J2.27 [HPA06_N]**	**0.19429 ns**	4775.24
PPr		---------- **CON1.A03:J2.25 [HPA06_P]**	**0.19407 ns**	4775.01
PPr		---------- **CON1.B08:J2.28 [HPA07_N]**	**0.18512 ns**	4775.02
PPr		---------- **CON1.B07:J2.26 [HPA07_P]**	**0.18493 ns**	4775.05
PPr		---------- **CON1.C10:J2.31 [HPA08_N]**	**0.19671 ns**	4775.79
PPr		---------- **CON1.C09:J2.29 [HPA08_P]**	**0.19668 ns**	4775.42
PPr		---------- **CON1.D11:J2.32 [HPA09_N]**	**0.21188 ns**	4775.04
PPr		---------- **CON1.D10:J2.30 [HPA09_P]**	**0.21197 ns**	4775.14
PPr		---------- **CON1.C13:J2.36 [HPA10_CC_N]**	**0.1462 ns**	4775.03
PPr		---------- **CON1.C12:J2.34 [HPA10_CC_P]**	**0.14633 ns**	4775.66
PPr		---------- **CON1.B11:J1.16 [HPA11_N]**	**0.131 ns**	4775.49
PPr		---------- **CON1.B10:J1.14 [HPA11_P]**	**0.13111 ns**	4775.83
PPr		---------- **CON1.A10:J1.19 [HPA12_N]**	**0.14548 ns**	4775.73
PPr		---------- **CON1.A09:J1.17 [HPA12_P]**	**0.14567 ns**	4775.00
PPr		---------- **CON1.A13:J1.20 [HPA13_N]**	**0.12218 ns**	4775.37
PPr		---------- **CON1.A12:J1.18 [HPA13_P]**	**0.12191 ns**	4775.32
PPr		---------- **CON1.D14:J1.23 [HPA14_N]**	**0.13727 ns**	4775.24
PPr		---------- **CON1.D13:J1.21 [HPA14_P]**	**0.13717 ns**	4775.46
PPr		---------- **CON2.C02:J1.36 [HPA15_CC_N]**	**0.30791 ns**	4775.37
PPr		---------- **CON2.C01:J1.34 [HPA15_CC_P]**	**0.30782 ns**	4775.27
PPr		---------- **CON2.A02:J1.24 [HPA16_N]**	**0.30749 ns**	4775.99
PPr		---------- **CON2.A01:J1.22 [HPA16_P]**	**0.30702 ns**	4775.50
PPr		---------- **CON2.D03:J1.27 [HPA17_N]**	**0.32266 ns**	4775.48
PPr		---------- **CON2.D02:J1.25 [HPA17_P]**	**0.32293 ns**	4775.69
PPr		---------- **CON2.B03:J1.28 [HPA18_N]**	**0.34895 ns**	4775.40
PPr		---------- **CON2.B02:J1.26 [HPA18_P]**	**0.34919 ns**	4775.63
PPr		---------- **CON2.C05:J1.31 [HPA19_N]**	**0.32389 ns**	4775.43
PPr		---------- **CON2.C04:J1.29 [HPA19_P]**	**0.32477 ns**	4775.63
PPr		---------- **CON2.B06:J1.32 [HPA22_N]**	**0.39675 ns**	4775.55
PPr		---------- **CON2.B05:J1.30 [HPA22_P]**	**0.39682 ns**	4775.34
MGrp		------ ◄ **MIIO(8)**		
PPr		---------- **J10.P10:U8.3 [MII0_TRN0]**		503.22
PPr		---------- **J10.P5:U8.6 [MII0_TRN1]**		504.37
PPr		---------- **J10.P2:U8.8 [MII0_TRN2]**		503.56
PPr		---------- **J10.P9:U8.11 [MII0_TRN3]**		503.84
PPr		---------- **J10.P11:U8.2 [MII0_TRP0]**		502.95
PPr		---------- **J10.P4:U8.5 [MII0_TRP1]**		504.51
PPr		---------- **J10.P3:U8.7 [MII0_TRP2]**		503.44
PPr		---------- **J10.P8:U8.10 [MII0_TRP3]**		503.70
MGrp		------ ◄ **RGMII-TX(5)**		
PPr		---------- **CON1.D36:U8.24 [MIO52_RGMII_TX_CLK]**	**0.15438 ns**	4089.72
PPr		---------- **CON1.D37:U8.19 [MIO53_RGMII_TXD0]**	**0.19223 ns**	4089.66
PPr		---------- **CON1.D38:U8.20 [MIO54_RGMII_TXD1]**	**0.14525 ns**	4089.05
PPr		---------- **CON1.C38:U8.21 [MIO55_RGMII_TXD2]**	**0.19886 ns**	4089.67
PPr		---------- **CON1.C39:U8.22 [MIO56_RGMII_TXD3]**	**0.16784 ns**	4089.58
MGrp		------ ◄ **RGMII_RX(5)**		
PPr		---------- **CON1.B40:U8.35 [MIO58_RGMII_RX_CLK]**	**0.13943 ns**	3461.21

PPr		---------- **CON1.B41:U8.32 [MIO59_RGMII_RXD0]**	**0.13222 ns**	3460.87
PPr		---------- **CON1.B42:U8.31 [MIO60_RGMII_RXD1]**	**0.18906 ns**	3460.74
PPr		---------- **CON1.A38:U8.28 [MIO61_RGMII_RXD2]**	**0.16592 ns**	3460.30
PPr		---------- **CON1.A39:U8.27 [MIO62_RGMII_RXD3]**	**0.16714 ns**	3460.30
MGrp		----- ◄ **SD_DATA(6)**		
PPr		---------- **J8.5:U4.D3 [SD_CLK]**		3482.64
PPr		---------- **J8.3:U4.C4 [SD_CMD]**		3481.05
PPr		---------- **J8.7:U4.D4 [SD_DATA0]**		3481.81
PPr		---------- **J8.8:U4.E4 [SD_DATA1]**		3482.30
PPr		---------- **J8.1:U4.A4 [SD_DATA2]**		3481.32
PPr		---------- **J8.2:U4.B4 [SD_DATA3]**		3481.21
MGrp		----- ◄ **SD1_DATA(6)**		
PPr		---------- **CON1.D34:U4.D1 [MIO46_SD1_DATA0]**	**0.34741 ns**	2737.90
PPr		---------- **CON1.C34:U4.E1 [MIO47_SD1_DATA1]**	**0.34654 ns**	2736.15
PPr		---------- **CON1.C35:U4.A1 [MIO48_SD1_DATA2]**	**0.20415 ns**	2737.53
PPr		---------- **CON1.C36:U4.B1 [MIO49_SD1_DATA3]**	**0.18901 ns**	2736.35
PPr		---------- **CON1.B36:U4.C1 [MIO50_SD1_CMD]**	**0.21587 ns**	2737.42
PPr		---------- **CON1.B37:U4.D2 [MIO51_SD1_CLK]**	**0.21635 ns**	2738.35
MGrp		----- ◄ **USB-DATA(9)**		
PPr		---------- **CON1.D40:U13.A5 [MIO64_USB1_CLK]**	**0.15338 ns**	3361.69
PPr		---------- **CON1.D42:U13.C4 [MIO66_USB1_DATA2]**	**0.19554 ns**	3360.09
PPr		---------- **CON1.C43:U13.B4 [MIO68_USB1_DATA0]**	**0.18348 ns**	3359.42
PPr		---------- **CON1.C44:U13.C5 [MIO69_USB1_DATA1]**	**0.19593 ns**	3360.64
PPr		---------- **CON1.B45:U13.D5 [MIO71_USB1_DATA3]**	**0.19483 ns**	3360.43
PPr		---------- **CON1.B46:U13.D4 [MIO72_USB1_DATA4]**	**0.17029 ns**	3360.61
PPr		---------- **CON1.A42:U13.E5 [MIO73_USB1_DATA5]**	**0.19972 ns**	3360.78
PPr		---------- **CON1.A43:U13.E4 [MIO74_USB1_DATA6]**	**0.18737 ns**	3360.06
PPr		---------- **CON1.A44:U13.D3 [MIO75_USB1_DATA7]**	**0.19882 ns**	3360.52
MGrp		----- ◄ **USB2_D-U5-J9.A6(2)**		
PPr		---------- **U5.7:J9.A7 [USB2_DM]**		247.64
PPr		---------- **U5.8:J9.A6 [USB2_DP]**		247.28
MGrp		----- ◄ **USB2_D-U5-J9.B6(2)**		
PPr		---------- **U5.7:J9.B7 [USB2_DM]**		360.01
PPr		---------- **U5.8:J9.B6 [USB2_DP]**		359.39
DPr		----- ◄ **GTR_LANE0_RX**		
Net		---------- ◄ **GTR_LANE0_RX_N**		1961.25
PPr		-------------- **CON1.A56:J1.7**	**0.137 ns**	2800.72
Net		---------- ◄ **GTR_LANE0_RX_P**		1959.54
PPr		-------------- **CON1.A55:J1.5**	**0.13727 ns**	2800.63
DPr		----- ◄ **GTR_LANE0_TX**		
Net		---------- ◄ **GTR_LANE0_TX_N**		1873.79
PPr		-------------- **CON1.B58:J1.8**	**0.15161 ns**	2800.92
Net		---------- ◄ **GTR_LANE0_TX_P**		1873.37
PPr		-------------- **CON1.B57:J1.6**	**0.15159 ns**	2800.38
DPr		----- ◄ **GTR_LANE1_RX**		
Net		---------- ◄ **GTR_LANE1_RX_N**		1913.04

PPr		CON1.C56:J1.11	0.14501 ns	2800.58
Net		◄ GTR_LANE1_RX_P		1913.07
PPr		CON1.C55:J1.9	0.14505 ns	2800.84
DPr		◄ GTR_LANE1_TX		
Net		◄ GTR_LANE1_TX_N		2097.61
PPr		CON1.A48:J1.12	0.11419 ns	2800.23
Net		◄ GTR_LANE1_TX_P		2097.60
PPr		CON1.A47:J1.10	0.11431 ns	2800.93
DPr		◄ GTR_LANE2_RX		
Net		◄ GTR_LANE2_RX_N		2008.81
PPr		CON1.B54:J2.7	0.11437 ns	2800.50
Net		◄ GTR_LANE2_RX_P		2007.29
PPr		CON1.B53:J2.5	0.11459 ns	2800.30
DPr		◄ GTR_LANE2_TX		
Net		◄ GTR_LANE2_TX_N		1793.04
PPr		CON1.D58:J2.8	0.16794 ns	2800.68
Net		◄ GTR_LANE2_TX_P		1792.43
PPr		CON1.D57:J2.6	0.16802 ns	2800.55
DPr		◄ GTR_LANE3_RX		
Net		◄ GTR_LANE3_RX_N		1963.12
PPr		CON1.D50:J2.11	0.12193 ns	2800.18
Net		◄ GTR_LANE3_RX_P		1963.23
PPr		CON1.D49:J2.9	0.12203 ns	2800.89
DPr		◄ GTR_LANE3_TX		
Net		◄ GTR_LANE3_TX_N		1829.39
PPr		CON1.C52:J2.12	0.14434 ns	2800.91
Net		◄ GTR_LANE3_TX_P		1828.78
PPr		CON1.C51:J2.10	0.1444 ns	2800.65
DPr		◄ GTR_REFCLK0		
Net		◄ GTR_REFCLK0_N		2121.80
PPr		CON1.C48:J1.15	0.11036 ns	2801.43
Net		◄ GTR_REFCLK0_P		2122.43
PPr		CON1.C47:J1.13	0.11028 ns	2801.58
DPr		◄ GTR_REFCLK1		
Net		◄ GTR_REFCLK1_N		2026.38
PPr		CON1.B50:J2.15	0.11158 ns	2801.34
Net		◄ GTR_REFCLK1_P		2026.48
PPr		CON1.B49:J2.13	0.11153 ns	2801.13
DPr		◄ HPA_CLK0		
Net		◄ HPA_CLK0_N		3872.27
PPr		CON1.A07:J1.35	0.14777 ns	4776.37
Net		◄ HPA_CLK0_P		3870.02
PPr		CON1.A06:J1.33	0.14817 ns	4776.51
DPr		◄ HPA00_CC		
Net		◄ HPA00_CC_N		3341.87

PPr		┄┄┄┄┄┄┄┄┄┄ CON1.C04:J2.16	**0.23894 ns**	4775.51
Net		┄┄┄┄┄┄┄ ◄ HPA00_CC_P		3341.55
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.C03:J2.14	**0.23895 ns**	4775.25
DPr		┄┄┄┄ ◄ HPA01		
Net		┄┄┄┄┄┄┄ ◄ HPA01_N		3026.14
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.D08:J2.19	**0.27402 ns**	4775.74
Net		┄┄┄┄┄┄┄ ◄ HPA01_P		3025.84
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.D07:J2.17	**0.27402 ns**	4775.43
DPr		┄┄┄┄ ◄ HPA02		
Net		┄┄┄┄┄┄┄ ◄ HPA02_N		3266.72
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.D05:J2.20	**0.23385 ns**	4775.30
Net		┄┄┄┄┄┄┄ ◄ HPA02_P		3267.96
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.D04:J2.18	**0.23372 ns**	4775.76
DPr		┄┄┄┄ ◄ HPA03		
Net		┄┄┄┄┄┄┄ ◄ HPA03_N		2942.34
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.C07:J2.23	**0.28791 ns**	4775.28
Net		┄┄┄┄┄┄┄ ◄ HPA03_P		2942.16
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.C06:J2.21	**0.28798 ns**	4775.51
DPr		┄┄┄┄ ◄ HPA04		
Net		┄┄┄┄┄┄┄ ◄ HPA04_N		3124.99
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.B05:J2.24	**0.25757 ns**	4775.89
Net		┄┄┄┄┄┄┄ ◄ HPA04_P		3124.44
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.B04:J2.22	**0.25765 ns**	4775.82
DPr		┄┄┄┄ ◄ HPA05_CC		
Net		┄┄┄┄┄┄┄ ◄ HPA05_CC_N		3504.57
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.B02:J2.35	**0.19422 ns**	4775.37
Net		┄┄┄┄┄┄┄ ◄ HPA05_CC_P		3502.91
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.B01:J2.33	**0.19444 ns**	4775.02
DPr		┄┄┄┄ ◄ HPA06		
Net		┄┄┄┄┄┄┄ ◄ HPA06_N		3504.03
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.A04:J2.27	**0.19429 ns**	4775.24
Net		┄┄┄┄┄┄┄ ◄ HPA06_P		3505.11
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.A03:J2.25	**0.19407 ns**	4775.01
DPr		┄┄┄┄ ◄ HPA07		
Net		┄┄┄┄┄┄┄ ◄ HPA07_N		3558.83
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.B08:J2.28	**0.18512 ns**	4775.02
Net		┄┄┄┄┄┄┄ ◄ HPA07_P		3559.99
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.B07:J2.26	**0.18493 ns**	4775.05
DPr		┄┄┄┄ ◄ HPA08		
Net		┄┄┄┄┄┄┄ ◄ HPA08_N		3490.05
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.C10:J2.31	**0.19671 ns**	4775.79
Net		┄┄┄┄┄┄┄ ◄ HPA08_P		3489.87
PPr		┄┄┄┄┄┄┄┄┄┄ CON1.C09:J2.29	**0.19668 ns**	4775.42
DPr		┄┄┄┄ ◄ HPA09		
Net		┄┄┄┄┄┄┄ ◄ HPA09_N		3398.29

PPr		----------- CON1.D11:J2.32	0.21188 ns	4775.04
Net		◄ HPA09_P		3397.85
PPr		----------- CON1.D10:J2.30	0.21197 ns	4775.14
DPr		◄ HPA10_CC		
Net		◄ HPA10_CC_N		3792.36
PPr		----------- CON1.C13:J2.36	0.1462 ns	4775.03
Net		◄ HPA10_CC_P		3792.21
PPr		----------- CON1.C12:J2.34	0.14633 ns	4775.66
DPr		◄ HPA11		
Net		◄ HPA11_N		3972.01
PPr		----------- CON1.B11:J1.16	0.131 ns	4775.49
Net		◄ HPA11_P		3971.70
PPr		----------- CON1.B10:J1.14	0.13111 ns	4775.83
DPr		◄ HPA12		
Net		◄ HPA12_N		3885.37
PPr		----------- CON1.A10:J1.19	0.14548 ns	4775.73
Net		◄ HPA12_P		3883.50
PPr		----------- CON1.A09:J1.17	0.14567 ns	4775.00
DPr		◄ HPA13		
Net		◄ HPA13_N		4042.29
PPr		----------- CON1.A13:J1.20	0.12218 ns	4775.37
Net		◄ HPA13_P		4043.86
PPr		----------- CON1.A12:J1.18	0.12191 ns	4775.32
DPr		◄ HPA14		
Net		◄ HPA14_N		3934.15
PPr		----------- CON1.D14:J1.23	0.13727 ns	4775.24
Net		◄ HPA14_P		3934.96
PPr		----------- CON1.D13:J1.21	0.13717 ns	4775.46
DPr		◄ HPA15_CC		
Net		◄ HPA15_CC_N		2927.91
PPr		----------- CON2.C02:J1.36	0.30791 ns	4775.37
Net		◄ HPA15_CC_P		2928.35
PPr		----------- CON2.C01:J1.34	0.30782 ns	4775.27
DPr		◄ HPA16		
Net		◄ HPA16_N		2931.05
PPr		----------- CON2.A02:J1.24	0.30749 ns	4775.99
Net		◄ HPA16_P		2933.38
PPr		----------- CON2.A01:J1.22	0.30702 ns	4775.50
DPr		◄ HPA17		
Net		◄ HPA17_N		2822.04
PPr		----------- CON2.D03:J1.27	0.32266 ns	4775.48
Net		◄ HPA17_P		2820.64
PPr		----------- CON2.D02:J1.25	0.32293 ns	4775.69
DPr		◄ HPA18		
Net		◄ HPA18_N		2664.23

PPr		------------ CON2.B03:J1.28	0.34895 ns	4775.40
Net		--------- ◄ HPA18_P		2663.02
PPr		------------ CON2.B02:J1.26	0.34919 ns	4775.63
DPr		------ ◄ HPA19		
Net		--------- ◄ HPA19_N		2814.62
PPr		------------ CON2.C05:J1.31	0.32389 ns	4775.43
Net		--------- ◄ HPA19_P		2809.54
PPr		------------ CON2.C04:J1.29	0.32477 ns	4775.63
DPr		------ ◄ HPA22		
Net		--------- ◄ HPA22_N		2377.58
PPr		------------ CON2.B06:J1.32	0.39675 ns	4775.55
Net		--------- ◄ HPA22_P		2376.94
PPr		------------ CON2.B05:J1.30	0.39682 ns	4775.34
DPr		------ ◄ HPA23		
Net		--------- HPA23_N		2857.87
Net		--------- HPA23_P		2856.84
DPr		------ ◄ MII0_TR0		
Net		--------- ◄ MII0_TRN0		503.22
PPr		------------ J10.P10:U8.3		503.22
Net		--------- ◄ MII0_TRP0		502.95
PPr		------------ J10.P11:U8.2		502.95
DPr		------ ◄ MII0_TR1		
Net		--------- ◄ MII0_TRN1		382.62
PPr		------------ J10.P5:U8.6		504.37
Net		--------- ◄ MII0_TRP1		382.76
PPr		------------ J10.P4:U8.5		504.51
DPr		------ ◄ MII0_TR2		
Net		--------- ◄ MII0_TRN2		503.56
PPr		------------ J10.P2:U8.8		503.56
Net		--------- ◄ MII0_TRP2		503.44
PPr		------------ J10.P3:U8.7		503.44
DPr		------ ◄ MII0_TR3		
Net		--------- ◄ MII0_TRN3		382.09
PPr		------------ J10.P9:U8.11		503.84
Net		--------- ◄ MII0_TRP3		381.95
PPr		------------ J10.P8:U8.10		503.70
DPr		------ ◄ USB1_D		
Net		--------- USB1_DM		409.18
Net		--------- USB1_DP		446.35
DPr		------ ◄ USB2_D		
Net		--------- ◄ USB2_DM		442.64
PPr		------------ U5.7:J9.A7		247.64
PPr		------------ U5.7:J9.B7		360.01
Net		--------- ◄ USB2_DP		461.06
PPr		------------ U5.8:J9.A6		247.28

PPr		-------------- **U5.8:J9.B6**		359.39
Net		- ----- **+USB1_5V**		724.62
Net		- ----- **+USB2_5V**		775.41
Net		- ----- **+1V2**		901.72
Net		- ----- **+1V8**		5952.52
Net		- ----- **+3V3**		9584.53
Net		- ----- **+5V**		1199.47
Net		- ----- **A0**		225.23
Net		- ----- **A1**		173.03
Net		- ----- **A2**		137.74
Net		- ----- **CAP_MISMATCH**		55.05
Net		- ----- **CC1**		93.38
Net		- ----- **CC2**		534.83
Net		- ----- **CD**		3196.78
Net		- ----- **CLICK1_AN**		496.42
Net		- ----- **CLICK1_CS0_3V3**		2961.40
Net		- ----- **CLICK1_CS1_3V3**		2813.76
Net		- ----- **CLICK1_INT_3V3**		3044.53
Net		- ----- **CLICK1_MISO_3V3**		3490.00
Net		- ----- **CLICK1_MOSI_3V3**		2885.68
Net		- ----- **CLICK1_PWM_3V3**		3033.82
Net		- ----- **CLICK1_RST_3V3**		2999.42
Net		- ----- **CLICK1_RX_3V3**		2882.99
Net		- ----- **CLICK1_SCK_3V3**		3665.63
Net		- ----- **CLICK1_SCL_3V3**		5072.98
Net		- ----- **CLICK1_SDA_3V3**		4918.85
Net		- ----- **CLICK1_TX_3V3**		2721.99
Net		- ----- **CLICK1_3V3**		334.65
Net		- ----- **CLICK1_5V**		583.26
Net		- ----- **CLICK2_AN**		430.16
Net		- ----- **CLICK2_CS0_3V3**		4056.63
Net		- ----- **CLICK2_CS1_3V3**		3875.15
Net		- ----- **CLICK2_INT_3V3**		4199.88
Net		- ----- **CLICK2_MISO_3V3**		4455.28
Net		- ----- **CLICK2_MOSI_3V3**		3703.37
Net		- ----- **CLICK2_PWM_3V3**		4386.89
Net		- ----- **CLICK2_RST_3V3**		4071.30
Net		- ----- **CLICK2_RX_3V3**		4080.87
Net		- ----- **CLICK2_SCK_3V3**		4522.48
Net		- ----- **CLICK2_SCL_3V3**		1965.94
Net		- ----- **CLICK2_SDA_3V3**		1945.55
Net		- ----- **CLICK2_TX_3V3**		4094.35
Net		- ----- **CLICK2_3V3**		406.59
Net		- ----- **CLICK2_5V**		442.59
Net		- ----- **DVDDH_1V8**		995.41
Net		- ----- **DVDDL_1V2**		538.39
Net		- ----- **EN_SEQ**		58.48

Net		------ EN_SEQ_PL		373.30
Net		------ EN_SINK		432.92
Net		------ EN1		383.56
Net		------ EN2		3657.66
Net		------ EN3		204.57
Net		------ ETH_125M		121.78
Net		------ FT_OSCI		272.31
Net		------ FT_OSCO		219.06
Net		------ FT_1V8		1385.82
Net		------ GND		68863.10
Net		------ HDA10		2425.68
Net		------ HDA21		924.62
Net		------ HDA22		820.70
Net		------ HPA20_CCN_1V8		206.31
Net		------ HPA20_CCN_3V3		363.58
Net		------ HPA20_CCP_CLK_1V8		199.30
Net		------ HPA20_CCP_CLK_3V3		564.90
Net		------ HPA21_N_1V8		415.39
Net		------ HPA21_N_3V3		276.60
Net		------ HPA21_P_1V8		392.04
Net		------ HPA21_P_3V3		318.81
Net		------ HPA24N_GPIO_PB4		4098.95
Net		------ HPA24P_GPIO_PB3		3642.83
Net		------ HPA25_RGB_R1		3458.91
Net		------ HPA26_RGB_G1		3295.95
Net		------ HPA27_RGB_B1		1845.04
Net		------ HPA28_1V8		252.74
Net		------ HPA28_3V3		443.22
Net		------ HSIO_SCL1_3V3		2288.96
Net		------ HSIO_SCL2_3V3		1127.99
Net		------ HSIO_SDA1_3V3		2381.51
Net		------ HSIO_SDA2_3V3		1082.02
Net		------ INIT		1978.34
Net		------ I2C_SCL_3V3		677.12
Net		------ I2C_SDA_3V3		622.47
Net		------ JTAG_TCK_1V8		1444.05
Net		------ JTAG_TCK_3V3		858.88
Net		------ JTAG_TDI_1V8		1334.70
Net		------ JTAG_TDI_3V3		684.96
Net		------ JTAG_TDO_1V8		1296.17
Net		------ JTAG_TDO_3V3		605.60
Net		------ JTAG_TMS_1V8		1208.73
Net		------ JTAG_TMS_3V3		533.80
Net		------ LED_ACT_1V8		513.44
Net		------ LED_ACT_3V3		51.91
Net		------ LED_LINK_1V8		305.82
Net		------ LED_LINK_3V3		92.48

Net		- ----- **MAC_A0**		114.36
Net		- ----- **MAC_A1**		108.22
Net		- ----- **MAC_A2**		123.01
Net		- ----- **MAC_WP**		111.48
Net		- ----- **MII0_RBIAS**		89.68
Net		- ----- **MII0_RESETN**		460.72
Net		- ----- **MIO12_ETH_RST_N**		1747.38
Net		- ----- **MIO24_I2C_SCK**		2424.33
Net		- ----- **MIO25_I2C_SDA**		2455.84
Net		- ----- **MIO26_PWR_INT**		3788.47
Net		- ----- **MIO27_LED1**		3266.89
Net		- ----- **MIO28_LED2**		2910.10
Net		- ----- **MIO29_LED3**		3017.56
Net		- ----- **MIO30_LED4**		2699.81
Net		- ----- **MIO31_PB1**		3308.33
Net		- ----- **MIO35_PB2**		3557.33
Net		- ----- **MIO36_UART1_TX_1V8**		1368.33
Net		- ----- **MIO37_UART1_RX_1V8**		1321.08
Net		- ----- **MIO38_RGB1_R**		3249.80
Net		- ----- **MIO39_RGB1_G**		3162.64
Net		- ----- **MIO40_RGB1_B**		3012.45
Net		- ----- **MIO41_SW1**		3169.45
Net		- ----- **MIO42_SW2**		3181.46
Net		- ----- **MIO43_SW3**		3248.15
Net		- ----- **MIO44_SW4**		3372.70
Net		- ----- **MIO45_SD1_DETECT**		4020.86
XNet		- ----- ◄ **MIO46_SD1_DATA0**		591.37
PPr		- ---------- **CON1.D34:U4.D1**	**0.34741 ns**	2737.90
XNet		- ----- ◄ **MIO47_SD1_DATA1**		594.83
PPr		- ---------- **CON1.C34:U4.E1**	**0.34654 ns**	2736.15
XNet		- ----- ◄ **MIO48_SD1_DATA2**		1450.56
PPr		- ---------- **CON1.C35:U4.A1**	**0.20415 ns**	2737.53
XNet		- ----- ◄ **MIO49_SD1_DATA3**		1540.22
PPr		- ---------- **CON1.C36:U4.B1**	**0.18901 ns**	2736.35
XNet		- ----- ◄ **MIO50_SD1_CMD**		1380.13
PPr		- ---------- **CON1.B36:U4.C1**	**0.21587 ns**	2737.42
XNet		- ----- ◄ **MIO51_SD1_CLK**		1369.77
PPr		- ---------- **CON1.B37:U4.D2**	**0.21635 ns**	2738.35
Net		- ----- ◄ **MIO52_RGMII_TX_CLK**		3057.96
PPr		- ---------- **CON1.D36:U8.24**	**0.15438 ns**	4089.72
Net		- ----- ◄ **MIO53_RGMII_TXD0**		2830.80
PPr		- ---------- **CON1.D37:U8.19**	**0.19223 ns**	4089.66
Net		- ----- ◄ **MIO54_RGMII_TXD1**		3112.08
PPr		- ---------- **CON1.D38:U8.20**	**0.14525 ns**	4089.05
Net		- ----- ◄ **MIO55_RGMII_TXD2**		2791.04
PPr		- ---------- **CON1.C38:U8.21**	**0.19886 ns**	4089.67

Net		◄ MIO56_RGMII_TXD3		2977.06
PPr		CON1.C39:U8.22	0.16784 ns	4089.58
Net		MIO57_RGMII_TX_CTL		2482.02
Net		◄ MIO58_RGMII_RX_CLK		2559.15
PPr		CON1.B40:U8.35	0.13943 ns	3461.21
Net		◄ MIO59_RGMII_RXD0		2602.90
PPr		CON1.B41:U8.32	0.13222 ns	3460.87
Net		◄ MIO60_RGMII_RXD1		2263.91
PPr		CON1.B42:U8.31	0.18906 ns	3460.74
Net		◄ MIO61_RGMII_RXD2		2400.30
PPr		CON1.A38:U8.28	0.16592 ns	3460.30
Net		◄ MIO62_RGMII_RXD3		2394.81
PPr		CON1.A39:U8.27	0.16714 ns	3460.30
Net		MIO63_RGMII_RX_CTL		2058.73
Net		◄ MIO64_USB1_CLK		2379.33
PPr		CON1.D40:U13.A5	0.15338 ns	3361.69
Net		MIO65_USB1_DIR		2172.16
Net		◄ MIO66_USB1_DATA2		2124.78
PPr		CON1.D42:U13.C4	0.19554 ns	3360.09
Net		MIO67_USB1_NXT		2065.80
Net		◄ MIO68_USB1_DATA0		2196.47
PPr		CON1.C43:U13.B4	0.18348 ns	3359.42
Net		◄ MIO69_USB1_DATA1		2122.98
PPr		CON1.C44:U13.C5	0.19593 ns	3360.64
Net		MIO70_USB1_STP		2029.56
Net		◄ MIO71_USB1_DATA3		2129.38
PPr		CON1.B45:U13.D5	0.19483 ns	3360.43
Net		◄ MIO72_USB1_DATA4		2276.80
PPr		CON1.B46:U13.D4	0.17029 ns	3360.61
Net		◄ MIO73_USB1_DATA5		2100.39
PPr		CON1.A42:U13.E5	0.19972 ns	3360.78
Net		◄ MIO74_USB1_DATA6		2173.77
PPr		CON1.A43:U13.E4	0.18737 ns	3360.06
Net		◄ MIO75_USB1_DATA7		2105.53
PPr		CON1.A44:U13.D3	0.19882 ns	3360.52
Net		MIO76_GEM2_MDC		2103.26
Net		MIO77_GEM2_MDIO		2047.99
Net		N181738		91.57
Net		N13428101		132.36
Net		N13428805		91.03
Net		N13442084		154.22
Net		N16690227		734.33
Net		N16690229		594.14
Net		N16690231		844.40
Net		N16691028		56.07
Net		N16692426		65.20

Net		- ----- **N16692912**		71.20
Net		- ----- **N16693002**		148.73
Net		- ----- **N16693044**		94.55
Net		- ----- **N16693086**		103.65
Net		- ----- **N16693128**		111.66
Net		- ----- **N16694342**		124.88
Net		- ----- **N16744667**		48.31
Net		- ----- **N16744674**		44.99
Net		- ----- **N16744832**		48.55
Net		- ----- **N16745688**		1416.18
Net		- ----- **N16746620**		123.03
Net		- ----- **N16746737**		324.18
Net		- ----- **N16747382**		102.20
Net		- ----- **N16748313**		44.07
Net		- ----- **N16764060**		34.07
Net		- ----- **N16798846**		283.25
Net		- ----- **N16799889**		94.71
Net		- ----- **N16802908**		95.12
Net		- ----- **N16802910**		96.49
Net		- ----- **N16802912**		88.49
Net		- ----- **N16802914**		76.49
Net		- ----- **N16803875**		263.51
Net		- ----- **N16803975**		260.51
Net		- ----- **N16804075**		271.94
Net		- ----- **N16804175**		267.65
Net		- ----- **N16805395**		54.93
Net		- ----- **N16805397**		42.17
Net		- ----- **N16805405**		58.97
Net		- ----- **N16805407**		64.74
Net		- ----- **N16805435**		46.88
Net		- ----- **N16805437**		111.25
Net		- ----- **N16805445**		52.09
Net		- ----- **N16805447**		81.12
Net		- ----- **N16805473**		56.35
Net		- ----- **N16805475**		2158.11
Net		- ----- **N16805481**		59.80
Net		- ----- **N16805483**		94.69
Net		- ----- **N16835888**		462.08
Net		- ----- **N16837103**		82.44
Net		- ----- **N16837135**		82.71
Net		- ----- **N16838413**		61.69
Net		- ----- **N16838416**		56.21
Net		- ----- **N16838481**		104.84
Net		- ----- **N16838532**		58.21
Net		- ----- **N16838535**		225.11
Net		- ----- **N16838560**		58.97
Net		- ----- **N16838563**		56.26

Net		- ----- **N16856481**		47.40
Net		- ----- **N16857316**		324.40
Net		- ----- **N16858269**		523.13
Net		- ----- **N16858412**		67.22
Net		- ----- **N16884435**		152.44
Net		- ----- **N16884488**		87.16
Net		- ----- **N16884526**		57.08
Net		- ----- **N16884587**		67.67
Net		- ----- **N16885472**		58.20
Net		- ----- **N16885528**		98.92
Net		- ----- **N16885566**		65.05
Net		- ----- **N16885698**		49.90
Net		- ----- **N16885762**		160.26
Net		- ----- **N16885822**		103.16
Net		- ----- **N16885858**		66.23
Net		- ----- **N16885920**		70.43
Net		- ----- **N16912492**		60.69
Net		- ----- **N16916717**		312.24
Net		- ----- **N16916727**		52.98
Net		- ----- **N16916782**		145.92
Net		- ----- **N16916784**		99.95
Net		- ----- **N16917613**		57.70
Net		- ----- **N16917615**		55.03
Net		- ----- **N16917659**		47.14
Net		- ----- **N16917672**		74.24
Net		- ----- **N16922526**		58.83
Net		- ----- **N16931098**		80.13
Net		- ----- **N16939534**		93.23
Net		- ----- **N16939828**		139.49
Net		- ----- **N16940378**		116.48
Net		- ----- **N16947528**		60.03
Net		- ----- **N16947554**		66.93
Net		- ----- **N16955805**		93.24
Net		- ----- **N16958580**		95.01
Net		- ----- **N17009176**		177.05
Net		- ----- **N17009229**		41.07
Net		- ----- **N17009330**		60.93
Net		- ----- **N17009337**		53.55
Net		- ----- **N17009344**		67.48
Net		- ----- **N17109958**		105.65
Net		- ----- **N17109977**		92.21
Net		- ----- **N17109981**		160.50
Net		- ----- **N17110008**		1768.94
Net		- ----- **N17123950**		112.81
Net		- ----- **N17123952**		58.54
Net		- ----- **N17133221**		80.51
Net		- ----- **N17133223**		57.98

Net	- ----- **N17134092**			112.03
Net	- ----- **N17134094**			57.71
Net	- ----- **N17134379**			80.01
Net	- ----- **N17134381**			57.98
Net	- ----- **N17141782**			25.66
Net	- ----- **N17148562**			86.58
Net	- ----- **N17148575**			83.75
Net	- ----- **N17148588**			80.92
Net	- ----- **N17148596**			84.24
Net	- ----- **N17149468**			75.00
Net	- ----- **N17149470**			168.18
Net	- ----- **N17149476**			85.85
Net	- ----- **N17149478**			86.04
Net	- ----- **N17150332**			123.60
Net	- ----- **N17150334**			55.64
Net	- ----- **N17150340**			164.16
Net	- ----- **N17150342**			54.35
Net	- ----- **N17169567**			65.00
Net	- ----- **N17169569**			126.02
Net	- ----- **N17169757**			162.44
Net	- ----- **N17169835**			79.26
Net	- ----- **N17169864**			76.88
Net	- ----- **N17169866**			126.55
Net	- ----- **N17169874**			87.54
Net	- ----- **N17169906**			116.47
Net	- ----- **N17184331**			170.07
Net	- ----- **N17184358**			45.01
Net	- ----- **N17189319**			52.40
Net	- ----- **N17189347**			77.35
Net	- ----- **N17197486**			73.07
Net	- ----- **N17197889**			72.00
Net	- ----- **N17378511**			87.72
Net	- ----- **N17378514**			448.87
Net	- ----- **N17378669**			380.39
Net	- ----- **N17400094**			70.28
Net	- ----- **N17400295**			85.70
Net	- ----- **N17403546**			416.88
Net	- ----- **N17404829**			48.16
Net	- ----- **N17404834**			44.55
Net	- ----- **N17411640**			292.13
Net	- ----- **N17411661**			137.36
Net	- ----- **N17411667**			67.39
Net	- ----- **N17411744**			260.72
Net	- ----- **N17411769**			67.39
Net	- ----- **N17411775**			132.24
Net	- ----- **N17411844**			531.31
Net	- ----- **N17411865**			125.46

Net		N17411871		67.39
Net		N17411951		132.12
Net		N17423731		64.60
Net		N17423734		90.79
Net		N17448025		129.14
Net		N17511394		856.03
Net		N17526743		45.48
Net		N17530720		82.30
Net		N17530782		44.05
Net		N17530885		37.53
Net		N17530892		1722.12
Net		N18220857		110.81
Net		N18221026		176.75
Net		N18221029		197.06
Net		N18221110		166.86
Net		N18222208		146.61
Net		N18223652		70.09
Net		N18223920		75.28
Net		N18224739		76.60
Net		N18246337		1715.51
Net		N18279060		1110.16
Net		N18279111		943.90
Net		N18279635		116.83
Net		N18279640		101.66
Net		N18279643		82.50
Net		N18279648		99.89
Net		N18296217		98.93
Net		N18358390		50.69
Net		N18373492		235.72
Net		N19128507		72.55
Net		N19241227		63.96
Net		N19311865		85.44
Net		N19841185		986.69
Net		PDO_SEL		151.87
Net		PG_5V		796.40
Net		PG1		2268.51
Net		PG2		3707.32
Net		POWER_GOOD		558.65
Net		POWER_GOOD_17530210		33.95
Net		PS_ERROR_OUT_LED		4432.44
Net		PS_ERROR_STATUS_LED		4458.86
Net		PS_MODE0		4252.17
Net		PS_MODE1		4163.55
Net		PS_MODE2		4035.46
Net		PS_MODE3		3983.05
Net		PS_POR_N_1V8		6808.26
Net		PS_POR_N_3V3		398.19

Net			------ PS_SRST_N_1V8		5177.88
Net			------ PS_SRST_N_3V3		345.97
Net			------ PWREN_N		439.11
Net			------ PWROFF_C2M_L		1651.22
Net			------ PWR_EN		2335.24
Net			------ RESET_N_IN		103.73
Net			------ ◄ SD_CLK		3371.16
PPr			---------- J8.5:U4.D3		3482.64
Net			------ ◄ SD_CMD		3408.00
PPr			---------- J8.3:U4.C4		3481.05
Net			------ ◄ SD_DATA0		3376.34
PPr			---------- J8.7:U4.D4		3481.81
Net			------ ◄ SD_DATA1		3376.82
PPr			---------- J8.8:U4.E4		3482.30
Net			------ ◄ SD_DATA2		3375.85
PPr			---------- J8.1:U4.A4		3481.32
Net			------ ◄ SD_DATA3		3407.43
PPr			---------- J8.2:U4.B4		3481.21
Net			------ SINK_PWR		557.23
Net			------ UART_RX_3V3		925.59
Net			------ UART_TX_3V3		934.42
Net			------ USBC_VBUS		1123.75
Net			------ USB_RST		200.50
Net			------ VADJ_HPA		818.27
Net			------ VBUS_DET		1301.04
Net			------ VBUS_DIS		373.20
Net			------ VCCOEN_PL_M2C		3375.93
Net			------ VCCO_EN		1412.76
Net			------ VCCO_HDA		2599.21
Net			------ VCCO_HPA		4420.67
Net			------ VCC_BATT		556.87
Net			------ VCC_FT_VPHY		163.87
Net			------ VCC_FT_VPLL		154.69
Net			------ VCC_SOM		4525.14
Net			------ VDD1V2		72.93
Net			------ VDD1V8		403.82
Net			------ VDD3V3		843.07
Net			------ 3V3_AVDD_MII0		965.46
Net			------ 3V3_PRI		2349.93
Net			------ 15V_MIN		289.30
Net			------ 26MHZ_CLK		105.03