

Version : 17.400

Date/Time : 2024-10-29T10:01:05

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

Objects			Pin Delay		Length
Type	S	Name	Pin 1	Pin 2	
			mil	mil	
*	*	*	*	*	*
Dsn		◀ ARTIX+ULTRASCALE 15P-1_20240823			
MGrp		◀ DDR4_ADDR-U16_U19(27)			
PPr		U16.Y21:U19.L3 [DDR4_ACT_N]	0.113 ns		2905.05
PPr		U16.AE22:U19.P3 [DDR4_A0]	0.1227 ns		2905.00
PPr		U16.AF22:U19.P7 [DDR4_A1]	0.1219 ns		2904.67
PPr		U16.AD23:U19.R3 [DDR4_A2]	0.1477 ns		2904.88
PPr		U16.AE23:U19.N7 [DDR4_A3]	0.1447 ns		2905.02
PPr		U16.AC22:U19.N3 [DDR4_A4]	0.1269 ns		2904.41
PPr		U16.AC23:U19.P8 [DDR4_A5]	0.1301 ns		2904.97
PPr		U16.AB21:U19.P2 [DDR4_A6]	0.1244 ns		2905.08
PPr		U16.AC21:U19.R8 [DDR4_A7]	0.1257 ns		2905.04
PPr		U16.AF20:U19.R2 [DDR4_A8]	0.1281 ns		2904.90
PPr		U16.AD20:U19.R7 [DDR4_A9]	0.1187 ns		2904.81
PPr		U16.AE20:U19.M3 [DDR4_A10]	0.1192 ns		2904.74
PPr		U16.AC19:U19.T2 [DDR4_A11]	0.1191 ns		2905.19
PPr		U16.AD19:U19.M7 [DDR4_A12]	0.1203 ns		2904.45
PPr		U16.AF18:U19.T8 [DDR4_A13]	0.1281 ns		2905.20
PPr		U16.AF19:U19.L2 [DDR4_A14/WE_N]	0.1272 ns		2904.34
PPr		U16.AC18:U19.M8 [DDR4_A15/CAS_N]	0.1249 ns		2904.55
PPr		U16.AD18:U19.L8 [DDR4_A16/RAS_N]	0.1244 ns		2904.73
PPr		U16.AE17:U19.N2 [DDR4_BA0]	0.1449 ns		2904.20
PPr		U16.AF17:U19.N8 [DDR4_BA1]	0.1454 ns		2905.03
PPr		U16.AD16:U19.M2 [DDR4_BG0]	0.1428 ns		2905.00
PPr		U16.AE18:U19.K2 [DDR4_CKE]	0.1262 ns		2904.77
PPr		U16.AB22:U19.K8 [DDR4_CK_C]	0.1289 ns		2905.38
PPr		U16.AA22:U19.K7 [DDR4_CK_T]	0.1301 ns		2905.57
PPr		U16.AE16:U19.L7 [DDR4_CS_N]	0.1445 ns		2904.09
PPr		U16.AE26:U19.K3 [DDR4_ODT]	0.1377 ns		2905.13
PPr		U16.AC16:U19.P1 [DDR4_RESET_N]	0.1308 ns		2905.10
MGrp		◀ DDR4_ADDR-U16_U20(27)			
PPr		U16.Y21:U20.L3 [DDR4_ACT_N]	0.113 ns		3431.96
PPr		U16.AE22:U20.P3 [DDR4_A0]	0.1227 ns		3431.84
PPr		U16.AF22:U20.P7 [DDR4_A1]	0.1219 ns		3432.25
PPr		U16.AD23:U20.R3 [DDR4_A2]	0.1477 ns		3431.78
PPr		U16.AE23:U20.N7 [DDR4_A3]	0.1447 ns		3431.79
PPr		U16.AC22:U20.N3 [DDR4_A4]	0.1269 ns		3432.17
PPr		U16.AC23:U20.P8 [DDR4_A5]	0.1301 ns		3431.88
PPr		U16.AB21:U20.P2 [DDR4_A6]	0.1244 ns		3432.15

PPr		----- U16.AC21:U20.R8 [DDR4_A7]	0.1257 ns		3431.88
PPr		----- U16.AF20:U20.R2 [DDR4_A8]	0.1281 ns		3432.00
PPr		----- U16.AD20:U20.R7 [DDR4_A9]	0.1187 ns		3432.26
PPr		----- U16.AE20:U20.M3 [DDR4_A10]	0.1192 ns		3432.36
PPr		----- U16.AC19:U20.T2 [DDR4_A11]	0.1191 ns		3431.45
PPr		----- U16.AD19:U20.M7 [DDR4_A12]	0.1203 ns		3432.08
PPr		----- U16.AF18:U20.T8 [DDR4_A13]	0.1281 ns		3432.30
PPr		----- U16.AF19:U20.L2 [DDR4_A14/WE_N]	0.1272 ns		3431.10
PPr		----- U16.AC18:U20.M8 [DDR4_A15/CAS_N]	0.1249 ns		3431.19
PPr		----- U16.AD18:U20.L8 [DDR4_A16/RAS_N]	0.1244 ns		3431.32
PPr		----- U16.AE17:U20.N2 [DDR4_BA0]	0.1449 ns		3431.41
PPr		----- U16.AF17:U20.N8 [DDR4_BA1]	0.1454 ns		3432.18
PPr		----- U16.AD16:U20.M2 [DDR4_BG0]	0.1428 ns		3431.29
PPr		----- U16.AE18:U20.K2 [DDR4_CKE]	0.1262 ns		3431.72
PPr		----- U16.AB22:U20.K8 [DDR4_CK_C]	0.1289 ns		3432.80
PPr		----- U16.AA22:U20.K7 [DDR4_CK_T]	0.1301 ns		3433.06
PPr		----- U16.AE16:U20.L7 [DDR4_CS_N]	0.1445 ns		3431.27
PPr		----- U16.AE26:U20.K3 [DDR4_ODT]	0.1377 ns		3432.04
PPr		----- U16.AC16:U20.P1 [DDR4_RESET_N]	0.1308 ns		3431.95
MGrp		----- ◀ DDR4_DQ0-7(11)			
PPr		----- U16.AE25:U19.E7 [DDR4_DM_N0]	0.1374 ns		2029.87
PPr		----- U16.AD26:U19.F3 [DDR4_DQS_C0]	0.1196 ns		2030.38
PPr		----- U16.AC26:U19.G3 [DDR4_DQS_T0]	0.1194 ns		2030.44
PPr		----- U16.AB25:U19.G2 [DDR4_DQ0]	0.1199 ns		2030.35
PPr		----- U16.AB26:U19.F7 [DDR4_DQ1]	0.1211 ns		2030.16
PPr		----- U16.AF24:U19.H3 [DDR4_DQ2]	0.1417 ns		2029.96
PPr		----- U16.AF25:U19.H7 [DDR4_DQ3]	0.1431 ns		2030.30
PPr		----- U16.AD24:U19.H2 [DDR4_DQ4]	0.1385 ns		2029.96
PPr		----- U16.AD25:U19.H8 [DDR4_DQ5]	0.1383 ns		2029.96
PPr		----- U16.AB24:U19.J3 [DDR4_DQ6]	0.1249 ns		2030.24
PPr		----- U16.AC24:U19.J7 [DDR4_DQ7]	0.1264 ns		2029.71
MGrp		----- ◀ DDR4_DQ8-15(11)			
PPr		----- U16.Y20:U19.E2 [DDR4_DM_N1]	0.1141 ns		2339.71
PPr		----- U16.AC17:U19.A7 [DDR4_DQS_C1]	0.1174 ns		2340.57
PPr		----- U16.AB17:U19.B7 [DDR4_DQS_T1]	0.1176 ns		2340.50
PPr		----- U16.AA19:U19.A3 [DDR4_DQ8]	0.1052 ns		2339.34
PPr		----- U16.AB19:U19.B8 [DDR4_DQ9]	0.1045 ns		2339.19
PPr		----- U16.AA20:U19.C3 [DDR4_DQ10]	0.104 ns		2339.77
PPr		----- U16.AB20:U19.C7 [DDR4_DQ11]	0.1062 ns		2339.54
PPr		----- U16.Y17:U19.C2 [DDR4_DQ12]	0.1133 ns		2339.10
PPr		----- U16.AA17:U19.C8 [DDR4_DQ13]	0.1139 ns		2339.79
PPr		----- U16.Y18:U19.D3 [DDR4_DQ14]	0.112 ns		2339.41
PPr		----- U16.AA18:U19.D7 [DDR4_DQ15]	0.114 ns		2339.01
MGrp		----- ◀ DDR4_DQ16-23(11)			
PPr		----- U16.U19:U20.E7 [DDR4_DM_N2]	0.08 ns		1833.01
PPr		----- U20.F3:U16.V22 [DDR4_DQS_C2]		0.0841 ns	1833.30
PPr		----- U20.G3:U16.V21 [DDR4_DQS_T2]		0.0842 ns	1833.15

PPr		----- U16.U21:U20.G2 [DDR4_DQ16]	0.0683 ns		1833.32
PPr		----- U16.U22:U20.F7 [DDR4_DQ17]	0.0809 ns		1832.84
PPr		----- U16.T20:U20.H3 [DDR4_DQ18]	0.0765 ns		1832.61
PPr		----- U16.U20:U20.H7 [DDR4_DQ19]	0.0749 ns		1832.77
PPr		----- U16.T22:U20.H2 [DDR4_DQ20]	0.0751 ns		1832.48
PPr		----- U16.T23:U20.H8 [DDR4_DQ21]	0.0783 ns		1832.17
PPr		----- U16.W19:U20.J3 [DDR4_DQ22]	0.0946 ns		1832.27
PPr		----- U16.W20:U20.J7 [DDR4_DQ23]	0.0879 ns		1832.61
MGrp		----- ◀ DDR4_DQ24-31(11)			
PPr		----- U16.Y22:U20.E2 [DDR4_DM_N3]	0.0992 ns		1633.65
PPr		----- U16.W26:U20.A7 [DDR4_DQS_C3]	0.107 ns		1635.27
PPr		----- U16.W25:U20.B7 [DDR4_DQS_T3]	0.1077 ns		1634.77
PPr		----- U16.Y25:U20.A3 [DDR4_DQ24]	0.106 ns		1633.80
PPr		----- U16.Y26:U20.B8 [DDR4_DQ25]	0.1096 ns		1633.86
PPr		----- U16.AA24:U20.C3 [DDR4_DQ26]	0.1137 ns		1633.28
PPr		----- U16.AA25:U20.C7 [DDR4_DQ27]	0.1164 ns		1634.25
PPr		----- U16.V23:U20.C2 [DDR4_DQ28]	0.0949 ns		1634.48
PPr		----- U16.W23:U20.C8 [DDR4_DQ29]	0.0952 ns		1634.49
PPr		----- U16.V24:U20.D3 [DDR4_DQ30]	0.0952 ns		1634.57
PPr		----- U16.W24:U20.D7 [DDR4_DQ31]	0.0951 ns		1633.66
MGrp		----- ◀ ENET_RD(7)			
PPr		----- U16.W15:U25.16 [ENET_RD0]	0.0809 ns		2718.69
PPr		----- U16.W14:U25.15 [ENET_RD1]	0.0717 ns		2717.85
PPr		----- U16.Y16:U25.14 [ENET_RD2]	0.0949 ns		2718.67
PPr		----- U16.W16:U25.13 [ENET_RD3]	0.0885 ns		2718.94
PPr		----- U16.Y15:U25.19 [ENET_RX_CLK]	0.0836 ns		2719.07
PPr		----- U16.AA15:U25.18 [ENET_RX_DV]	0.0837 ns		2718.97
PPr		----- U16.AB16:U25.20 [ENET_RX_ER]	0.0978 ns		2718.45
MGrp		----- ◀ ENET_TD(7)			
PPr		----- U16.W13:U25.24 [ENET_TD0]	0.0778 ns		2932.31
PPr		----- U16.W12:U25.25 [ENET_TD1]	0.0772 ns		2932.16
PPr		----- U16.AA13:U25.26 [ENET_TD2]	0.0875 ns		2932.25
PPr		----- U16.Y13:U25.27 [ENET_TD3]	0.0817 ns		2932.09
PPr		----- U16.AB14:U25.23 [ENET_TXEN]	0.0913 ns		2931.79
PPr		----- U16.AE13:U25.31 [ENET_TXER]	0.1016 ns		2931.30
PPr		----- U16.AA14:U25.22 [ENET_TX_CLK]	0.0921 ns		2932.34
MGrp		----- ◀ FMC_HP-HD_DP(72)			
PPr		----- CON1.H14:U16.H12 [HD_DP_01_N]		0.0994 ns	5801.36
PPr		----- CON1.H13:U16.J12 [HD_DP_01_P]		0.1016 ns	5800.95
PPr		----- CON1.G28:U16.H13 [HD_DP_02_N]		0.0832 ns	5803.14
PPr		----- CON1.G27:U16.J13 [HD_DP_02_P]		0.0836 ns	5803.07
PPr		----- CON1.G13:U16.G14 [HD_DP_03_N]		0.0795 ns	5803.54
PPr		----- CON1.G12:U16.H14 [HD_DP_03_P]		0.0775 ns	5803.64
PPr		----- CON1.C27:U16.J14 [HD_DP_04_N]		0.0775 ns	5802.20
PPr		----- CON1.C26:U16.J15 [HD_DP_04_P]		0.0743 ns	5801.98
PPr		----- CON1.H5:U16.F12 [HD_DP_05_GC_N]		0.0969 ns	5802.30
PPr		----- CON1.H4:U16.G12 [HD_DP_05_GC_P]		0.0965 ns	5802.37

PPr		----- CON1.G3:U16.F13 [HD_DP_06_GC_N]		<b>0.0841 ns</b>	5804.82
PPr		----- CON1.G2:U16.F14 [HD_DP_06_GC_P]		<b>0.085 ns</b>	5804.42
PPr		----- CON1.H17:U16.E12 [HD_DP_07_GC_N]		<b>0.0969 ns</b>	5801.15
PPr		----- CON1.H16:U16.E13 [HD_DP_07_GC_P]		<b>0.0971 ns</b>	5801.86
PPr		----- CON1.G31:U16.D13 [HD_DP_08_GC_N]		<b>0.0951 ns</b>	5804.20
PPr		----- CON1.G30:U16.D14 [HD_DP_08_GC_P]		<b>0.0955 ns</b>	5804.79
PPr		----- CON1.H35:U16.C13 [HD_DP_09_N]		<b>0.0948 ns</b>	5803.83
PPr		----- CON1.H34:U16.C14 [HD_DP_09_P]		<b>0.0907 ns</b>	5803.38
PPr		----- CON1.G34:U16.B12 [HD_DP_10_N]		<b>0.1003 ns</b>	5804.23
PPr		----- CON1.G33:U16.C12 [HD_DP_10_P]		<b>0.0969 ns</b>	5803.90
PPr		----- CON1.H38:U16.A12 [HD_DP_11_N]		<b>0.11 ns</b>	5803.35
PPr		----- CON1.H37:U16.A13 [HD_DP_11_P]		<b>0.107 ns</b>	5803.75
PPr		----- CON1.G25:U16.A14 [HD_DP_12_N]		<b>0.1007 ns</b>	5803.02
PPr		----- CON1.G24:U16.B14 [HD_DP_12_P]		<b>0.0979 ns</b>	5803.59
PPr		----- CON1.G16:U16.K18 [HP_DP_01_N]		<b>0.0852 ns</b>	5801.79
PPr		----- CON1.G15:U16.L18 [HP_DP_01_P]		<b>0.0846 ns</b>	5801.99
PPr		----- CON1.G10:U16.M21 [HP_DP_02_N]		<b>0.0743 ns</b>	5803.03
PPr		----- CON1.G9:U16.M20 [HP_DP_02_P]		<b>0.0771 ns</b>	5802.77
PPr		----- CON1.H11:U16.J20 [HP_DP_03_N]		<b>0.0893 ns</b>	5801.27
PPr		----- CON1.H10:U16.J19 [HP_DP_03_P]		<b>0.0993 ns</b>	5801.53
PPr		----- CON1.D12:U16.L19 [HP_DP_04_N]		<b>0.0742 ns</b>	5804.12
PPr		----- CON1.D11:U16.M19 [HP_DP_04_P]		<b>0.0732 ns</b>	5803.90
PPr		----- CON1.H20:U16.J21 [HP_DP_05_N]		<b>0.0933 ns</b>	5801.22
PPr		----- CON1.H19:U16.K21 [HP_DP_05_P]		<b>0.0923 ns</b>	5801.85
PPr		----- CON1.C19:U16.K20 [HP_DP_06_N]		<b>0.0755 ns</b>	5803.66
PPr		----- CON1.C18:U16.L20 [HP_DP_06_P]		<b>0.0745 ns</b>	5803.49
PPr		----- CON1.D27:U16.L23 [HP_DP_07_N]		<b>0.0915 ns</b>	5801.50
PPr		----- CON1.D26:U16.L22 [HP_DP_07_P]		<b>0.0921 ns</b>	5801.54
PPr		----- CON1.G37:U16.M26 [HP_DP_08_N]		<b>0.0915 ns</b>	5802.55
PPr		----- CON1.G36:U16.M25 [HP_DP_08_P]		<b>0.0863 ns</b>	5802.94
PPr		----- CON1.H32:U16.K26 [HP_DP_09_N]		<b>0.0972 ns</b>	5802.09
PPr		----- CON1.H31:U16.K25 [HP_DP_09_P]		<b>0.0922 ns</b>	5801.55
PPr		----- CON1.G19:U16.L25 [HP_DP_10_N]		<b>0.0816 ns</b>	5804.07
PPr		----- CON1.G18:U16.L24 [HP_DP_10_P]		<b>0.0806 ns</b>	5804.21
PPr		----- CON1.D18:U16.K23 [HP_DP_11_GC_N]		<b>0.0853 ns</b>	5802.83
PPr		----- CON1.D17:U16.K22 [HP_DP_11_GC_P]		<b>0.0849 ns</b>	5802.52
PPr		----- CON1.D9:U16.J24 [HP_DP_12_GC_N]		<b>0.0929 ns</b>	5802.25
PPr		----- CON1.D8:U16.J23 [HP_DP_12_GC_P]		<b>0.0937 ns</b>	5802.26
PPr		----- CON1.C23:U16.G25 [HP_DP_13_GC_N]		<b>0.1113 ns</b>	5805.24
PPr		----- CON1.C22:U16.G24 [HP_DP_13_GC_P]		<b>0.1115 ns</b>	5805.15
PPr		----- CON1.H29:U16.H24 [HP_DP_14_GC_N]		<b>0.0857 ns</b>	5801.55
PPr		----- CON1.H28:U16.H23 [HP_DP_14_GC_P]		<b>0.0865 ns</b>	5801.58
PPr		----- CON1.D21:U16.J26 [HP_DP_15_N]		<b>0.0997 ns</b>	5802.17
PPr		----- CON1.D20:U16.J25 [HP_DP_15_P]		<b>0.0951 ns</b>	5802.25
PPr		----- CON1.G7:U16.F25 [HP_DP_16_N]		<b>0.0988 ns</b>	5801.89
PPr		----- CON1.G6:U16.F24 [HP_DP_16_P]		<b>0.0977 ns</b>	5801.91
PPr		----- CON1.H8:U16.G26 [HP_DP_17_N]		<b>0.1039 ns</b>	5802.00

PPr		----- CON1.H7:U16.H26 [HP_DP_17_P]		<b>0.105 ns</b>	5801.70
PPr		----- CON1.D15:U16.H22 [HP_DP_18_N]		<b>0.0852 ns</b>	5800.43
PPr		----- CON1.D14:U16.H21 [HP_DP_18_P]		<b>0.0875 ns</b>	5800.31
PPr		----- CON1.C15:U16.E26 [HP_DP_19_N]		<b>0.1101 ns</b>	5801.22
PPr		----- CON1.C14:U16.E25 [HP_DP_19_P]		<b>0.1105 ns</b>	5801.20
PPr		----- CON1.H23:U16.E23 [HP_DP_20_N]		<b>0.0938 ns</b>	5802.15
PPr		----- CON1.H22:U16.F23 [HP_DP_20_P]		<b>0.0948 ns</b>	5803.02
PPr		----- CON1.G22:U16.D25 [HP_DP_21_N]		<b>0.1055 ns</b>	5801.44
PPr		----- CON1.G21:U16.D24 [HP_DP_21_P]		<b>0.103 ns</b>	5801.03
PPr		----- CON1.H26:U16.C24 [HP_DP_22_N]		<b>0.1021 ns</b>	5803.09
PPr		----- CON1.H25:U16.D23 [HP_DP_22_P]		<b>0.1021 ns</b>	5803.88
PPr		----- CON1.C11:U16.C26 [HP_DP_23_N]		<b>0.1113 ns</b>	5802.26
PPr		----- CON1.C10:U16.D26 [HP_DP_23_P]		<b>0.1117 ns</b>	5802.04
PPr		----- CON1.D24:U16.B26 [HP_DP_24_N]		<b>0.1166 ns</b>	5801.93
PPr		----- CON1.D23:U16.B25 [HP_DP_24_P]		<b>0.114 ns</b>	5802.49
MGrp		----- ◀ FTDI(4)			
PPr		----- U21.16:J10.6 [FTDI_TCK]			1387.02
PPr		----- U21.17:J10.10 [FTDI_TDI]			1386.63
PPr		----- U21.18:J10.8 [FTDI_TDO]			1382.27
PPr		----- U21.19:J10.4 [FTDI_TMS]			1383.57
MGrp		----- ◀ GTH_225_TX/RX(20)			
PPr		----- U16.Y1:CON1.C7 [GTH_225_RX0_N]	<b>0.1019 ns</b>		6540.76
PPr		----- U16.Y2:CON1.C6 [GTH_225_RX0_P]	<b>0.1018 ns</b>		6540.83
PPr		----- CON1.A3:U16.V1 [GTH_225_RX1_N]		<b>0.0998 ns</b>	6540.66
PPr		----- CON1.A2:U16.V2 [GTH_225_RX1_P]		<b>0.0997 ns</b>	6540.66
PPr		----- CON1.A7:U16.T1 [GTH_225_RX2_N]		<b>0.0933 ns</b>	6540.66
PPr		----- CON1.A6:U16.T2 [GTH_225_RX2_P]		<b>0.0932 ns</b>	6540.31
PPr		----- CON1.A11:U16.P1 [GTH_225_RX3_N]		<b>0.0894 ns</b>	6540.49
PPr		----- CON1.A10:U16.P2 [GTH_225_RX3_P]		<b>0.0893 ns</b>	6540.86
PPr		----- U16.AA4:CON1.C3 [GTH_225_TX0_N]	<b>0.0842 ns</b>		6540.47
PPr		----- U16.AA5:CON1.C2 [GTH_225_TX0_P]	<b>0.0841 ns</b>		6540.68
PPr		----- U16.W4:CON1.A23 [GTH_225_TX1_N]	<b>0.0785 ns</b>		6540.28
PPr		----- U16.W5:CON1.A22 [GTH_225_TX1_P]	<b>0.0786 ns</b>		6540.80
PPr		----- U16.U4:CON1.A27 [GTH_225_TX2_N]	<b>0.0694 ns</b>		6540.81
PPr		----- U16.U5:CON1.A26 [GTH_225_TX2_P]	<b>0.0693 ns</b>		6540.74
PPr		----- U16.R4:CON1.A31 [GTH_225_TX3_N]	<b>0.0655 ns</b>		6540.81
PPr		----- U16.R5:CON1.A30 [GTH_225_TX3_P]	<b>0.0656 ns</b>		6540.48
PPr		----- U16.V6:CON1.D5 [MGTREFCLK0N]	<b>0.0689 ns</b>		6541.27
PPr		----- U16.V7:CON1.D4 [MGTREFCLK0P]	<b>0.0689 ns</b>		6541.46
PPr		----- U16.T6:CON1.B21 [MGTREFCLK1N]	<b>0.062 ns</b>		6541.38
PPr		----- U16.T7:CON1.B20 [MGTREFCLK1P]	<b>0.062 ns</b>		6541.22
MGrp		----- ◀ HDMI_RX(8)			
PPr		----- U31.25:U16.M6 [HDMI_RCLKOUT_N]		<b>0.0532 ns</b>	2453.82
PPr		----- U31.26:U16.M7 [HDMI_RCLKOUT_P]		<b>0.0533 ns</b>	2454.31
PPr		----- U16.M1:U31.28 [HDMI_RX0_N]	<b>0.0895 ns</b>		2452.34
PPr		----- U16.M2:U31.29 [HDMI_RX0_P]	<b>0.0893 ns</b>		2452.93
PPr		----- U16.K1:U31.31 [HDMI_RX1_N]	<b>0.0892 ns</b>		2452.92

PPr		----- U16.K2:U31.32 [HDMI_RX1_P]	0.089 ns		2452.82
PPr		----- U16.H1:U31.34 [HDMI_RX2_N]	0.0924 ns		2453.00
PPr		----- U16.H2:U31.35 [HDMI_RX2_P]	0.0923 ns		2452.22
MGrp		----- ◀ HDMI_TX(8)			
PPr		----- U16.U25:U34.12 [HDMI_TX_CLK_N]	0.092 ns		3484.77
PPr		----- U16.T25:U34.11 [HDMI_TX_CLK_P]	0.0922 ns		3484.68
PPr		----- U34.9:U16.N4 [HDMI_TX0_N]		0.0589 ns	3484.52
PPr		----- U34.8:U16.N5 [HDMI_TX0_P]		0.0588 ns	3484.25
PPr		----- U34.6:U16.L4 [HDMI_TX1_N]		0.0629 ns	3483.96
PPr		----- U34.5:U16.L5 [HDMI_TX1_P]		0.0629 ns	3484.22
PPr		----- U34.3:U16.J4 [HDMI_TX2_N]		0.0632 ns	3484.05
PPr		----- U34.2:U16.J5 [HDMI_TX2_P]		0.0633 ns	3484.48
MGrp		----- ◀ PCIE_TX/RX(18)			
PPr		----- U16.AB6:CON2.A14 [PCIE_CLKN]	0.0815 ns		2779.63
PPr		----- U16.AB7:CON2.A13 [PCIE_CLKP]	0.0815 ns		2779.72
PPr		----- CON2.B15:U16.AF1 [PCIE_RX0_N]		0.1267 ns	2778.68
PPr		----- CON2.B14:U16.AF2 [PCIE_RX0_P]		0.1267 ns	2778.12
PPr		----- CON2.B20:U16.AE3 [PCIE_RX1_N]		0.113 ns	2778.84
PPr		----- CON2.B19:U16.AE4 [PCIE_RX1_P]		0.113 ns	2778.80
PPr		----- CON2.B24:U16.AD1 [PCIE_RX2_N]		0.1166 ns	2779.41
PPr		----- CON2.B23:U16.AD2 [PCIE_RX2_P]		0.1166 ns	2779.10
PPr		----- CON2.B28:U16.AB1 [PCIE_RX3_N]		0.1084 ns	2778.46
PPr		----- CON2.B27:U16.AB2 [PCIE_RX3_P]		0.1083 ns	2778.92
PPr		----- CON2.A17:U16.AF6 [PCIE_TX0_N]		0.1081 ns	2779.28
PPr		----- CON2.A16:U16.AF7 [PCIE_TX0_P]		0.1081 ns	2779.23
PPr		----- CON2.A22:U16.AE8 [PCIE_TX1_N]		0.0901 ns	2778.57
PPr		----- CON2.A21:U16.AE9 [PCIE_TX1_P]		0.0902 ns	2779.06
PPr		----- CON2.A26:U16.AD6 [PCIE_TX2_N]		0.091 ns	2779.53
PPr		----- CON2.A25:U16.AD7 [PCIE_TX2_P]		0.091 ns	2779.42
PPr		----- CON2.A30:U16.AC4 [PCIE_TX3_N]		0.0951 ns	2779.13
PPr		----- CON2.A29:U16.AC5 [PCIE_TX3_P]		0.0952 ns	2779.31
MGrp		----- ◀ QSPI(6)			
PPr		----- U16.Y11:U17.6 [QSPI_CLK]	0.0921 ns		1781.52
PPr		----- U16.AA12:U17.1 [QSPI_CSN]	0.1014 ns		1767.25
PPr		----- U16.AD11:U17.5 [QSPI_D0]	0.1215 ns		1780.81
PPr		----- U16.AC12:U17.2 [QSPI_D1]	0.11 ns		1766.53
PPr		----- U16.AC11:U17.3 [QSPI_D2]	0.1123 ns		1776.92
PPr		----- U16.AE11:U17.7 [QSPI_D3]	0.1255 ns		1778.30
MGrp		----- ◀ 100M-RX/TX(4)			
PPr		----- U25.4:J12.6 [RXM]			747.42
PPr		----- U25.5:J12.4 [RXP]			747.64
PPr		----- U25.6:J12.10 [TXM]			746.04
PPr		----- U25.7:J12.12 [TXP]			746.49
DPr		----- ◀ DDR4_DQS_0			
Net		----- ◀ DDR4_DQS_C0			1291.02
PPr		----- U16.AD26:U19.F3	0.1196 ns		2030.38
Net		----- ◀ DDR4_DQS_T0			1292.28

PPr		----- U16.AC26:U19.G3	0.1194 ns		2030.44
DPr		----- ◀ DDR4_DQS_1			
Net		----- ◀ DDR4_DQS_C1			1536.21
PPr		----- U16.AC17:U19.A7	0.1174 ns		2340.57
Net		----- ◀ DDR4_DQS_T1			1534.94
PPr		----- U16.AB17:U19.B7	0.1176 ns		2340.50
DPr		----- ◀ DDR4_DQS_2			
Net		----- ◀ DDR4_DQS_C2			1228.74
PPr		----- U20.F3:U16.V22		0.0841 ns	1833.30
Net		----- ◀ DDR4_DQS_T2			1227.99
PPr		----- U20.G3:U16.V21		0.0842 ns	1833.15
DPr		----- ◀ DDR4_DQS_3			
Net		----- ◀ DDR4_DQS_C3			971.51
PPr		----- U16.W26:U20.A7	0.107 ns		1635.27
Net		----- ◀ DDR4_DQS_T3			966.81
PPr		----- U16.W25:U20.B7	0.1077 ns		1634.77
DPr		----- ◀ DIFFPAIR1			
Net		----- N16694338			118.38
Net		----- N16996642			116.47
DPr		----- ◀ DIFFPAIR2			
XNet		----- ◀ HDMI_TX_CLK_N			2855.31
PPr		----- U16.U25:U34.12	0.092 ns		3484.77
XNet		----- ◀ HDMI_TX_CLK_P			2854.02
PPr		----- U16.T25:U34.11	0.0922 ns		3484.68
DPr		----- ◀ DIFFPAIR3			
XNet		----- ◀ HDMI_TX2_N			3016.33
PPr		----- U34.3:U16.J4		0.0632 ns	3484.05
XNet		----- ◀ HDMI_TX2_P			3016.16
PPr		----- U34.2:U16.J5		0.0633 ns	3484.48
DPr		----- ◀ DIFFPAIR4			
XNet		----- ◀ HDMI_TX1_N			3018.04
PPr		----- U34.6:U16.L4		0.0629 ns	3483.96
XNet		----- ◀ HDMI_TX1_P			3018.30
PPr		----- U34.5:U16.L5		0.0629 ns	3484.22
DPr		----- ◀ DIFFPAIR5			
XNet		----- ◀ HDMI_TX0_N			3042.60
PPr		----- U34.9:U16.N4		0.0589 ns	3484.52
XNet		----- ◀ HDMI_TX0_P			3042.92
PPr		----- U34.8:U16.N5		0.0588 ns	3484.25
DPr		----- ◀ DIFFPAIR6			
XNet		----- ◀ HDMI_RCLKOUT_N			2071.21
PPr		----- U31.25:U16.M6		0.0532 ns	2453.82
XNet		----- ◀ HDMI_RCLKOUT_P			2073.80
PPr		----- U31.26:U16.M7		0.0533 ns	2454.31
DPr		----- ◀ DIFFPAIR8			

XNet		----- ◀ MGTREFCLK1N			6046.26
PPr		----- U16.T6:CON1.B21	0.062 ns		6541.38
XNet		----- ◀ MGTREFCLK1P			6046.09
PPr		----- U16.T7:CON1.B20	0.062 ns		6541.22
DPr		----- ◀ DIFFPAIR9			
XNet		----- ◀ MGTREFCLK0N			6004.75
PPr		----- U16.V6:CON1.D5	0.0689 ns		6541.27
XNet		----- ◀ MGTREFCLK0P			6004.94
PPr		----- U16.V7:CON1.D4	0.0689 ns		6541.46
DPr		----- ◀ DIFFPAIR11			
XNet		----- ◀ HDMI_RX2_N			1876.99
PPr		----- U16.H1:U31.34	0.0924 ns		2453.00
XNet		----- ◀ HDMI_RX2_P			1875.44
PPr		----- U16.H2:U31.35	0.0923 ns		2452.22
DPr		----- ◀ DIFFPAIR12			
XNet		----- ◀ HDMI_RX1_N			1896.28
PPr		----- U16.K1:U31.31	0.0892 ns		2452.92
XNet		----- ◀ HDMI_RX1_P			1900.08
PPr		----- U16.K2:U31.32	0.089 ns		2452.82
DPr		----- ◀ DIFFPAIR13			
XNet		----- ◀ HDMI_RX0_N			1895.20
PPr		----- U16.M1:U31.28	0.0895 ns		2452.34
XNet		----- ◀ HDMI_RX0_P			1896.44
PPr		----- U16.M2:U31.29	0.0893 ns		2452.93
DPr		----- ◀ DIFFPAIR14			
XNet		----- ◀ PCIE_CLKN			2229.07
PPr		----- U16.AB6:CON2.A14	0.0815 ns		2779.63
XNet		----- ◀ PCIE_CLKP			2229.16
PPr		----- U16.AB7:CON2.A13	0.0815 ns		2779.72
DPr		----- ◀ DIFFPAIR15			
XNet		----- SFP_156.25M_N			1510.32
XNet		----- SFP_156.25M_P			1510.45
DPr		----- ◀ DIFFPAIR16			
Net		----- N16833137			67.94
Net		----- N16833223			68.94
DPr		----- ◀ DIFFPAIR17			
XNet		----- ◀ PCIE_TX3_N			2146.98
PPr		----- CON2.A30:U16.AC4		0.0951 ns	2779.13
XNet		----- ◀ PCIE_TX3_P			2146.55
PPr		----- CON2.A29:U16.AC5		0.0952 ns	2779.31
DPr		----- ◀ DIFFPAIR18			
XNet		----- ◀ PCIE_RX3_N			2083.80
PPr		----- CON2.B28:U16.AB1		0.1084 ns	2778.46
XNet		----- ◀ PCIE_RX3_P			2084.86
PPr		----- CON2.B27:U16.AB2		0.1083 ns	2778.92

DPr		----- ◀ DIFFPAIR19			
XNet		----- ◀ PCIE_TX2_N			2171.96
PPr		----- CON2.A26:U16.AD6		0.091 ns	2779.53
XNet		----- ◀ PCIE_TX2_P			2171.86
PPr		----- CON2.A25:U16.AD7		0.091 ns	2779.42
DPr		----- ◀ DIFFPAIR20			
XNet		----- ◀ PCIE_RX2_N			2035.55
PPr		----- CON2.B24:U16.AD1		0.1166 ns	2779.41
XNet		----- ◀ PCIE_RX2_P			2035.24
PPr		----- CON2.B23:U16.AD2		0.1166 ns	2779.10
DPr		----- ◀ DIFFPAIR21			
XNet		----- ◀ PCIE_TX1_N			2176.42
PPr		----- CON2.A22:U16.AE8		0.0901 ns	2778.57
XNet		----- ◀ PCIE_TX1_P			2176.30
PPr		----- CON2.A21:U16.AE9		0.0902 ns	2779.06
DPr		----- ◀ DIFFPAIR22			
XNet		----- ◀ PCIE_RX1_N			2056.58
PPr		----- CON2.B20:U16.AE3		0.113 ns	2778.84
XNet		----- ◀ PCIE_RX1_P			2056.53
PPr		----- CON2.B19:U16.AE4		0.113 ns	2778.80
DPr		----- ◀ DIFFPAIR23			
XNet		----- ◀ PCIE_TX0_N			2069.12
PPr		----- CON2.A17:U16.AF6		0.1081 ns	2779.28
XNet		----- ◀ PCIE_TX0_P			2069.07
PPr		----- CON2.A16:U16.AF7		0.1081 ns	2779.23
DPr		----- ◀ DIFFPAIR24			
XNet		----- ◀ PCIE_RX0_N			1974.23
PPr		----- CON2.B15:U16.AF1		0.1267 ns	2778.68
XNet		----- ◀ PCIE_RX0_P			1973.66
PPr		----- CON2.B14:U16.AF2		0.1267 ns	2778.12
DPr		----- ◀ DRAM_CK			
Net		----- ◀ DDR4_CK_C			2805.15
PPr		----- U16.AB22:U19.K8	0.1289 ns		2905.38
PPr		----- U16.AB22:U20.K8	0.1289 ns		3432.80
Net		----- ◀ DDR4_CK_T			2729.19
PPr		----- U16.AA22:U19.K7	0.1301 ns		2905.57
PPr		----- U16.AA22:U20.K7	0.1301 ns		3433.06
DPr		----- ◀ GTH_225_RX0			
Net		----- ◀ GTH_225_RX0_N			5885.10
PPr		----- U16.Y1:CON1.C7	0.1019 ns		6540.76
Net		----- ◀ GTH_225_RX0_P			5885.77
PPr		----- U16.Y2:CON1.C6	0.1018 ns		6540.83
DPr		----- ◀ GTH_225_RX1			
Net		----- ◀ GTH_225_RX1_N			5897.60
PPr		----- CON1.A3:U16.V1	0.0998 ns		6540.66

Net	----- ◀ GTH_225_RX1_P			5898.20
PPr	----- CON1.A2:U16.V2		<b>0.0997 ns</b>	6540.66
DPr	----- ◀ GTH_225_RX2			
Net	----- ◀ GTH_225_RX2_N			5936.60
PPr	----- CON1.A7:U16.T1		<b>0.0933 ns</b>	6540.66
Net	----- ◀ GTH_225_RX2_P			5936.85
PPr	----- CON1.A6:U16.T2		<b>0.0932 ns</b>	6540.31
DPr	----- ◀ GTH_225_RX3			
Net	----- ◀ GTH_225_RX3_N			5959.83
PPr	----- CON1.A11:U16.P1		<b>0.0894 ns</b>	6540.49
Net	----- ◀ GTH_225_RX3_P			5960.80
PPr	----- CON1.A10:U16.P2		<b>0.0893 ns</b>	6540.86
DPr	----- ◀ GTH_225_TX0			
Net	----- ◀ GTH_225_TX0_N			5991.01
PPr	----- U16.AA4:CON1.C3	<b>0.0842 ns</b>		6540.47
Net	----- ◀ GTH_225_TX0_P			5991.82
PPr	----- U16.AA5:CON1.C2	<b>0.0841 ns</b>		6540.68
DPr	----- ◀ GTH_225_TX1			
Net	----- ◀ GTH_225_TX1_N			6025.02
PPr	----- U16.W4:CON1.A23	<b>0.0785 ns</b>		6540.28
Net	----- ◀ GTH_225_TX1_P			6024.94
PPr	----- U16.W5:CON1.A22	<b>0.0786 ns</b>		6540.80
DPr	----- ◀ GTH_225_TX2			
Net	----- ◀ GTH_225_TX2_N			6080.15
PPr	----- U16.U4:CON1.A27	<b>0.0694 ns</b>		6540.81
Net	----- ◀ GTH_225_TX2_P			6080.68
PPr	----- U16.U5:CON1.A26	<b>0.0693 ns</b>		6540.74
DPr	----- ◀ GTH_225_TX3			
Net	----- ◀ GTH_225_TX3_N			6103.55
PPr	----- U16.R4:CON1.A31	<b>0.0655 ns</b>		6540.81
Net	----- ◀ GTH_225_TX3_P			6102.62
PPr	----- U16.R5:CON1.A30	<b>0.0656 ns</b>		6540.48
DPr	----- ◀ HDMI_CLK_8T49N241			
XNet	----- HDMI_CLK_8T49N241_N			1337.84
XNet	----- HDMI_CLK_8T49N241_P			1338.86
DPr	----- ◀ HDMI_REC_CLK			
Net	----- HDMI_REC_CLK_N			2366.02
Net	----- HDMI_REC_CLK_P			2428.61
DPr	----- ◀ HD_CLK			
Net	----- HD_CLK_N			3850.17
Net	----- HD_CLK_P			3852.14
DPr	----- ◀ HD_CLK_8T49N241			
Net	----- HD_CLK_8T49N241_N			72.06
Net	----- HD_CLK_8T49N241_P			72.93
DPr	----- ◀ HD_DP_01			

Net	◀ HD_DP_01_N			5183.20
PPr	CON1.H14:U16.H12		0.0994 ns	5801.36
Net	◀ HD_DP_01_P			5169.59
PPr	CON1.H13:U16.J12		0.1016 ns	5800.95
DPr	◀ HD_DP_02			
Net	◀ HD_DP_02_N			5226.48
PPr	CON1.G28:U16.H13		0.0832 ns	5803.14
Net	◀ HD_DP_02_P			5224.01
PPr	CON1.G27:U16.J13		0.0836 ns	5803.07
DPr	◀ HD_DP_03			
Net	◀ HD_DP_03_N			5304.78
PPr	CON1.G13:U16.G14		0.0795 ns	5803.54
Net	◀ HD_DP_03_P			5316.88
PPr	CON1.G12:U16.H14		0.0775 ns	5803.64
DPr	◀ HD_DP_04			
Net	◀ HD_DP_04_N			5259.74
PPr	CON1.C27:U16.J14		0.0775 ns	5802.20
Net	◀ HD_DP_04_P			5278.72
PPr	CON1.C26:U16.J15		0.0743 ns	5801.98
DPr	◀ HD_DP_05_GC			
Net	◀ HD_DP_05_GC_N			5199.14
PPr	CON1.H5:U16.F12		0.0969 ns	5802.30
Net	◀ HD_DP_05_GC_P			5201.61
PPr	CON1.H4:U16.G12		0.0965 ns	5802.37
DPr	◀ HD_DP_06_GC			
Net	◀ HD_DP_06_GC_N			5222.76
PPr	CON1.G3:U16.F13		0.0841 ns	5804.82
Net	◀ HD_DP_06_GC_P			5216.96
PPr	CON1.G2:U16.F14		0.085 ns	5804.42
DPr	◀ HD_DP_07			
Net	◀ HD_DP_07_GC_N			5142.29
PPr	CON1.H17:U16.E12		0.0969 ns	5801.15
Net	◀ HD_DP_07_GC_P			5141.80
PPr	CON1.H16:U16.E13		0.0971 ns	5801.86
DPr	◀ HD_DP_08			
Net	◀ HD_DP_08_GC_N			5156.14
PPr	CON1.G31:U16.D13		0.0951 ns	5804.20
Net	◀ HD_DP_08_GC_P			5154.33
PPr	CON1.G30:U16.D14		0.0955 ns	5804.79
DPr	◀ HD_DP_09			
Net	◀ HD_DP_09_N			5157.57
PPr	CON1.H35:U16.C13		0.0948 ns	5803.83
Net	◀ HD_DP_09_P			5181.72
PPr	CON1.H34:U16.C14		0.0907 ns	5803.38
DPr	◀ HD_DP_10			

Net		----- ◀ HD_DP_10_N			5124.97
PPr		----- CON1.G34:U16.B12		<b>0.1003 ns</b>	5804.23
Net		----- ◀ HD_DP_10_P			5145.04
PPr		----- CON1.G33:U16.C12		<b>0.0969 ns</b>	5803.90
DPr		----- ◀ HD_DP_11			
Net		----- ◀ HD_DP_11_N			5065.89
PPr		----- CON1.H38:U16.A12		<b>0.11 ns</b>	5803.35
Net		----- ◀ HD_DP_11_P			5084.29
PPr		----- CON1.H37:U16.A13		<b>0.107 ns</b>	5803.75
DPr		----- ◀ HD_DP_12			
Net		----- ◀ HD_DP_12_N			5121.36
PPr		----- CON1.G25:U16.A14		<b>0.1007 ns</b>	5803.02
Net		----- ◀ HD_DP_12_P			5138.73
PPr		----- CON1.G24:U16.B14		<b>0.0979 ns</b>	5803.59
DPr		----- ◀ HP_DP_01			
Net		----- ◀ HP_DP_01_N			5213.13
PPr		----- CON1.G16:U16.K18		<b>0.0852 ns</b>	5801.79
Net		----- ◀ HP_DP_01_P			5216.93
PPr		----- CON1.G15:U16.L18		<b>0.0846 ns</b>	5801.99
DPr		----- ◀ HP_DP_02			
Net		----- ◀ HP_DP_02_N			5312.97
PPr		----- CON1.G10:U16.M21		<b>0.0743 ns</b>	5803.03
Net		----- ◀ HP_DP_02_P			5295.91
PPr		----- CON1.G9:U16.M20		<b>0.0771 ns</b>	5802.77
DPr		----- ◀ HP_DP_03			
Net		----- ◀ HP_DP_03_N			5188.01
PPr		----- CON1.H11:U16.J20		<b>0.0893 ns</b>	5801.27
Net		----- ◀ HP_DP_03_P			5128.27
PPr		----- CON1.H10:U16.J19		<b>0.0993 ns</b>	5801.53
DPr		----- ◀ HP_DP_04			
Net		----- ◀ HP_DP_04_N			5314.66
PPr		----- CON1.D12:U16.L19		<b>0.0742 ns</b>	5804.12
Net		----- ◀ HP_DP_04_P			5320.44
PPr		----- CON1.D11:U16.M19		<b>0.0732 ns</b>	5803.90
DPr		----- ◀ HP_DP_05			
Net		----- ◀ HP_DP_05_N			5163.96
PPr		----- CON1.H20:U16.J21		<b>0.0933 ns</b>	5801.22
Net		----- ◀ HP_DP_05_P			5170.59
PPr		----- CON1.H19:U16.K21		<b>0.0923 ns</b>	5801.85
DPr		----- ◀ HP_DP_06			
Net		----- ◀ HP_DP_06_N			5273.20
PPr		----- CON1.C19:U16.K20		<b>0.0755 ns</b>	5803.66
Net		----- ◀ HP_DP_06_P			5279.03
PPr		----- CON1.C18:U16.L20		<b>0.0745 ns</b>	5803.49
DPr		----- ◀ HP_DP_07			

Net		----- ◀ HP_DP_07_N			5230.74
PPr		----- CON1.D27:U16.L23		<b>0.0915 ns</b>	5801.50
Net		----- ◀ HP_DP_07_P			5227.18
PPr		----- CON1.D26:U16.L22		<b>0.0921 ns</b>	5801.54
DPr		----- ◀ HP_DP_08			
Net		----- ◀ HP_DP_08_N			5209.29
PPr		----- CON1.G37:U16.M26		<b>0.0915 ns</b>	5802.55
Net		----- ◀ HP_DP_08_P			5240.88
PPr		----- CON1.G36:U16.M25		<b>0.0863 ns</b>	5802.94
DPr		----- ◀ HP_DP_09			
Net		----- ◀ HP_DP_09_N			5174.63
PPr		----- CON1.H32:U16.K26		<b>0.0972 ns</b>	5802.09
Net		----- ◀ HP_DP_09_P			5204.09
PPr		----- CON1.H31:U16.K25		<b>0.0922 ns</b>	5801.55
DPr		----- ◀ HP_DP_10			
Net		----- ◀ HP_DP_10_N			5292.71
PPr		----- CON1.G19:U16.L25		<b>0.0816 ns</b>	5804.07
Net		----- ◀ HP_DP_10_P			5298.85
PPr		----- CON1.G18:U16.L24		<b>0.0806 ns</b>	5804.21
DPr		----- ◀ HP_DP_11_GC			
Net		----- ◀ HP_DP_11_GC_N			5269.27
PPr		----- CON1.D18:U16.K23		<b>0.0853 ns</b>	5802.83
Net		----- ◀ HP_DP_11_GC_P			5271.36
PPr		----- CON1.D17:U16.K22		<b>0.0849 ns</b>	5802.52
DPr		----- ◀ HP_DP_12_GC			
Net		----- ◀ HP_DP_12_GC_N			5223.09
PPr		----- CON1.D9:U16.J24		<b>0.0929 ns</b>	5802.25
Net		----- ◀ HP_DP_12_GC_P			5218.30
PPr		----- CON1.D8:U16.J23		<b>0.0937 ns</b>	5802.26
DPr		----- ◀ HP_DP_13_GC			
Net		----- ◀ HP_DP_13_GC_N			5115.68
PPr		----- CON1.C23:U16.G25		<b>0.1113 ns</b>	5805.24
Net		----- ◀ HP_DP_13_GC_P			5114.39
PPr		----- CON1.C22:U16.G24		<b>0.1115 ns</b>	5805.15
DPr		----- ◀ HP_DP_14_GC			
Net		----- ◀ HP_DP_14_GC_N			5265.59
PPr		----- CON1.H29:U16.H24		<b>0.0857 ns</b>	5801.55
Net		----- ◀ HP_DP_14_GC_P			5260.82
PPr		----- CON1.H28:U16.H23		<b>0.0865 ns</b>	5801.58
DPr		----- ◀ HP_DP_15			
Net		----- ◀ HP_DP_15_N			5159.71
PPr		----- CON1.D21:U16.J26		<b>0.0997 ns</b>	5802.17
Net		----- ◀ HP_DP_15_P			5187.39
PPr		----- CON1.D20:U16.J25		<b>0.0951 ns</b>	5802.25
DPr		----- ◀ HP_DP_16			

Net		----- ◀ HP_DP_16_N			5164.83
PPr		----- CON1.G7:U16.F25		<b>0.0988 ns</b>	5801.89
Net		----- ◀ HP_DP_16_P			5171.45
PPr		----- CON1.G6:U16.F24		<b>0.0977 ns</b>	5801.91
DPr		----- ◀ HP_DP_17			
Net		----- ◀ HP_DP_17_N			5134.34
PPr		----- CON1.H8:U16.G26		<b>0.1039 ns</b>	5802.00
Net		----- ◀ HP_DP_17_P			5127.44
PPr		----- CON1.H7:U16.H26		<b>0.105 ns</b>	5801.70
DPr		----- ◀ HP_DP_18			
Net		----- ◀ HP_DP_18_N			5267.47
PPr		----- CON1.D15:U16.H22		<b>0.0852 ns</b>	5800.43
Net		----- ◀ HP_DP_18_P			5253.55
PPr		----- CON1.D14:U16.H21		<b>0.0875 ns</b>	5800.31
DPr		----- ◀ HP_DP_19			
Net		----- ◀ HP_DP_19_N			5096.36
PPr		----- CON1.C15:U16.E26		<b>0.1101 ns</b>	5801.22
Net		----- ◀ HP_DP_19_P			5093.94
PPr		----- CON1.C14:U16.E25		<b>0.1105 ns</b>	5801.20
DPr		----- ◀ HP_DP_20			
Net		----- ◀ HP_DP_20_N			5217.59
PPr		----- CON1.H23:U16.E23		<b>0.0938 ns</b>	5802.15
Net		----- ◀ HP_DP_20_P			5212.46
PPr		----- CON1.H22:U16.F23		<b>0.0948 ns</b>	5803.02
DPr		----- ◀ HP_DP_21			
Net		----- ◀ HP_DP_21_N			5146.68
PPr		----- CON1.G22:U16.D25		<b>0.1055 ns</b>	5801.44
Net		----- ◀ HP_DP_21_P			5161.27
PPr		----- CON1.G21:U16.D24		<b>0.103 ns</b>	5801.03
DPr		----- ◀ HP_DP_22			
Net		----- ◀ HP_DP_22_N			5113.03
PPr		----- CON1.H26:U16.C24		<b>0.1021 ns</b>	5803.09
Net		----- ◀ HP_DP_22_P			5113.82
PPr		----- CON1.H25:U16.D23		<b>0.1021 ns</b>	5803.88
DPr		----- ◀ HP_DP_23			
Net		----- ◀ HP_DP_23_N			5090.20
PPr		----- CON1.C11:U16.C26		<b>0.1113 ns</b>	5802.26
Net		----- ◀ HP_DP_23_P			5087.58
PPr		----- CON1.C10:U16.D26		<b>0.1117 ns</b>	5802.04
DPr		----- ◀ HP_DP_24			
Net		----- ◀ HP_DP_24_N			5024.87
PPr		----- CON1.D24:U16.B26		<b>0.1166 ns</b>	5801.93
Net		----- ◀ HP_DP_24_P			5041.03
PPr		----- CON1.D23:U16.B25		<b>0.114 ns</b>	5802.49
DPr		----- ◀ REF_IN_			

Net		----- REF_IN_N			254.56
Net		----- REF_IN_P			253.33
DPr		----- ◀ RX			
Net		----- ◀ RXM			703.16
PPr		----- U25.4:J12.6			747.42
Net		----- ◀ RXP			703.38
PPr		----- U25.5:J12.4			747.64
DPr		----- ◀ RX_TMDS_CLK			
Net		----- RX_TMDS_CLK_N			368.81
Net		----- RX_TMDS_CLK_P			367.88
DPr		----- ◀ RX_TMDS_D0			
Net		----- RX_TMDS_D0_N			365.80
Net		----- RX_TMDS_D0_P			364.94
DPr		----- ◀ RX_TMDS_D1			
Net		----- RX_TMDS_D1_N			366.90
Net		----- RX_TMDS_D1_P			367.16
DPr		----- ◀ RX_TMDS_D2			
Net		----- RX_TMDS_D2_N			369.80
Net		----- RX_TMDS_D2_P			368.84
DPr		----- ◀ SFP1_RD			
XNet		----- SFP1_RDN			988.28
XNet		----- SFP1_RDP			987.24
DPr		----- ◀ SFP1_TD			
XNet		----- SFP1_TDN			1367.57
XNet		----- SFP1_TDP			1367.18
DPr		----- ◀ SYSMON_DX			
Net		----- SYSMON_DX_N			1873.27
Net		----- SYSMON_DX_P			1858.48
DPr		----- ◀ SYSMON_V			
Net		----- SYSMON_V_N			380.91
Net		----- SYSMON_V_P			380.52
DPr		----- ◀ SYSMON_VR			
Net		----- SYSMON_VR_N			1403.43
Net		----- SYSMON_VR_P			1429.35
DPr		----- ◀ SYSMON_VR_I2C			
Net		----- SYSMON_VR_I2C_N			89.98
Net		----- SYSMON_VR_I2C_P			91.78
DPr		----- ◀ SYS_REFCLK			
Net		----- SYS_CLK_N			404.67
Net		----- SYS_CLK_P			407.36
DPr		----- ◀ TX			
Net		----- ◀ TXM			746.04
PPr		----- U25.6:J12.10			746.04
Net		----- ◀ TXP			746.49
PPr		----- U25.7:J12.12			746.49
DPr		----- ◀ TX_TMDS_CLK			

Net		----- TX_TMDS_CLK_N			387.35
Net		----- TX_TMDS_CLK_P			387.08
DPr		----- ◀ TX_TMDS_D0			
Net		----- TX_TMDS_D0_N			386.31
Net		----- TX_TMDS_D0_P			387.02
DPr		----- ◀ TX_TMDS_D1			
Net		----- TX_TMDS_D1_N			387.82
Net		----- TX_TMDS_D1_P			387.33
DPr		----- ◀ TX_TMDS_D2			
Net		----- TX_TMDS_D2_N			386.94
Net		----- TX_TMDS_D2_P			386.93
DPr		----- ◀ USBD			
Net		----- USBDM			84.41
Net		----- USBDP			84.58
Net		----- +ADP_12V			0.00
Net		----- +BAR_12V			382.88
Net		----- +PCIE_12V			587.69
Net		----- +SYSMON_VREF			645.64
Net		----- +SYSMON_VREFP			2204.46
Net		----- ADP_GND			2312.14
Net		----- ADP_12V			896.94
Net		----- ADP_12V_60W			801.32
Net		----- A0			122.92
Net		----- A1			116.78
Net		----- A2			121.04
Net		----- CEC_SOURCE			434.44
Net		----- CLICK_AN			593.07
Net		----- CLICK_CS0_3V3			161.67
Net		----- CLICK_CS1_3V3			95.19
Net		----- CLICK_INT_3V3			3327.29
Net		----- CLICK_MISO_3V3			427.81
Net		----- CLICK_MOSI_3V3			190.04
Net		----- CLICK_PWM_3V3			3591.40
Net		----- CLICK_RST_3V3			2729.72
Net		----- CLICK_RX_3V3			3099.97
Net		----- CLICK_SCK_3V3			382.85
Net		----- CLICK_SCL_3V3			565.08
Net		----- CLICK_SDA_3V3			558.74
Net		----- CLICK_TX_3V3			2829.36
Net		----- CLICK_3V3			169.99
Net		----- CLICK_5V			729.26
Net		----- CLK_A0			130.02
Net		----- CLK_A1			85.03
Net		----- CLK_150M			2519.59
Net		----- CTL_SCL			2130.26
Net		----- CTL_SDA			2136.94
Net		----- ◀ DDR4_ACT_N			3054.12

PPr		----- U16.Y21:U19.L3	0.113 ns		2905.05
PPr		----- U16.Y21:U20.L3	0.113 ns		3431.96
Net		----- DDR4_ALERTN			591.65
Net		----- ◀ DDR4_A0			3172.35
PPr		----- U16.AE22:U19.P3	0.1227 ns		2905.00
PPr		----- U16.AE22:U20.P3	0.1227 ns		3431.84
Net		----- ◀ DDR4_A1			3011.06
PPr		----- U16.AF22:U19.P7	0.1219 ns		2904.67
PPr		----- U16.AF22:U20.P7	0.1219 ns		3432.25
Net		----- ◀ DDR4_A2			3059.06
PPr		----- U16.AD23:U19.R3	0.1477 ns		2904.88
PPr		----- U16.AD23:U20.R3	0.1477 ns		3431.78
Net		----- ◀ DDR4_A3			2935.04
PPr		----- U16.AE23:U19.N7	0.1447 ns		2905.02
PPr		----- U16.AE23:U20.N7	0.1447 ns		3431.79
Net		----- ◀ DDR4_A4			3278.94
PPr		----- U16.AC22:U19.N3	0.1269 ns		2904.41
PPr		----- U16.AC22:U20.N3	0.1269 ns		3432.17
Net		----- ◀ DDR4_A5			2913.49
PPr		----- U16.AC23:U19.P8	0.1301 ns		2904.97
PPr		----- U16.AC23:U20.P8	0.1301 ns		3431.88
Net		----- ◀ DDR4_A6			3087.56
PPr		----- U16.AB21:U19.P2	0.1244 ns		2905.08
PPr		----- U16.AB21:U20.P2	0.1244 ns		3432.15
Net		----- ◀ DDR4_A7			3089.58
PPr		----- U16.AC21:U19.R8	0.1257 ns		2905.04
PPr		----- U16.AC21:U20.R8	0.1257 ns		3431.88
Net		----- ◀ DDR4_A8			3028.91
PPr		----- U16.AF20:U19.R2	0.1281 ns		2904.90
PPr		----- U16.AF20:U20.R2	0.1281 ns		3432.00
Net		----- ◀ DDR4_A9			3008.89
PPr		----- U16.AD20:U19.R7	0.1187 ns		2904.81
PPr		----- U16.AD20:U20.R7	0.1187 ns		3432.26
Net		----- ◀ DDR4_A10			3099.33
PPr		----- U16.AE20:U19.M3	0.1192 ns		2904.74
PPr		----- U16.AE20:U20.M3	0.1192 ns		3432.36
Net		----- ◀ DDR4_A11			3328.53
PPr		----- U16.AC19:U19.T2	0.1191 ns		2905.19
PPr		----- U16.AC19:U20.T2	0.1191 ns		3431.45
Net		----- ◀ DDR4_A12			3162.13
PPr		----- U16.AD19:U19.M7	0.1203 ns		2904.45
PPr		----- U16.AD19:U20.M7	0.1203 ns		3432.08
Net		----- ◀ DDR4_A13			2936.82
PPr		----- U16.AF18:U19.T8	0.1281 ns		2905.20
PPr		----- U16.AF18:U20.T8	0.1281 ns		3432.30
Net		----- ◀ DDR4_A14/WE_N			3074.76

PPr		----- U16.AF19:U19.L2	0.1272 ns		2904.34
PPr		----- U16.AF19:U20.L2	0.1272 ns		3431.10
Net		----- ◀ DDR4_A15/CAS_N			3202.30
PPr		----- U16.AC18:U19.M8	0.1249 ns		2904.55
PPr		----- U16.AC18:U20.M8	0.1249 ns		3431.19
Net		----- ◀ DDR4_A16/RAS_N			2867.85
PPr		----- U16.AD18:U19.L8	0.1244 ns		2904.73
PPr		----- U16.AD18:U20.L8	0.1244 ns		3431.32
Net		----- ◀ DDR4_BA0			3173.06
PPr		----- U16.AE17:U19.N2	0.1449 ns		2904.20
PPr		----- U16.AE17:U20.N2	0.1449 ns		3431.41
Net		----- ◀ DDR4_BA1			2732.02
PPr		----- U16.AF17:U19.N8	0.1454 ns		2905.03
PPr		----- U16.AF17:U20.N8	0.1454 ns		3432.18
Net		----- ◀ DDR4_BG0			3179.66
PPr		----- U16.AD16:U19.M2	0.1428 ns		2905.00
PPr		----- U16.AD16:U20.M2	0.1428 ns		3431.29
Net		----- ◀ DDR4_CKE			3281.97
PPr		----- U16.AE18:U19.K2	0.1262 ns		2904.77
PPr		----- U16.AE18:U20.K2	0.1262 ns		3431.72
Net		----- ◀ DDR4_CS_N			2959.54
PPr		----- U16.AE16:U19.L7	0.1445 ns		2904.09
PPr		----- U16.AE16:U20.L7	0.1445 ns		3431.27
Net		----- ◀ DDR4_DM_N0			1183.71
PPr		----- U16.AE25:U19.E7	0.1374 ns		2029.87
Net		----- ◀ DDR4_DM_N1			1555.15
PPr		----- U16.Y20:U19.E2	0.1141 ns		2339.71
Net		----- ◀ DDR4_DM_N2			1253.05
PPr		----- U16.U19:U20.E7	0.08 ns		1833.01
Net		----- ◀ DDR4_DM_N3			1016.69
PPr		----- U16.Y22:U20.E2	0.0992 ns		1633.65
Net		----- ◀ DDR4_DQ0			1289.19
PPr		----- U16.AB25:U19.G2	0.1199 ns		2030.35
Net		----- ◀ DDR4_DQ1			1281.80
PPr		----- U16.AB26:U19.F7	0.1211 ns		2030.16
Net		----- ◀ DDR4_DQ2			1158.00
PPr		----- U16.AF24:U19.H3	0.1417 ns		2029.96
Net		----- ◀ DDR4_DQ3			1149.94
PPr		----- U16.AF25:U19.H7	0.1431 ns		2030.30
Net		----- ◀ DDR4_DQ4			1177.20
PPr		----- U16.AD24:U19.H2	0.1385 ns		2029.96
Net		----- ◀ DDR4_DQ5			1178.40
PPr		----- U16.AD25:U19.H8	0.1383 ns		2029.96
Net		----- ◀ DDR4_DQ6			1259.08
PPr		----- U16.AB24:U19.J3	0.1249 ns		2030.24
Net		----- ◀ DDR4_DQ7			1249.55

PPr		----- U16.AC24:U19.J7	0.1264 ns		2029.71
Net		----- ◀ DDR4_DQ8			1608.18
PPr		----- U16.AA19:U19.A3	0.1052 ns		2339.34
Net		----- ◀ DDR4_DQ9			1612.23
PPr		----- U16.AB19:U19.B8	0.1045 ns		2339.19
Net		----- ◀ DDR4_DQ10			1615.81
PPr		----- U16.AA20:U19.C3	0.104 ns		2339.77
Net		----- ◀ DDR4_DQ11			1602.38
PPr		----- U16.AB20:U19.C7	0.1062 ns		2339.54
Net		----- ◀ DDR4_DQ12			1559.34
PPr		----- U16.Y17:U19.C2	0.1133 ns		2339.10
Net		----- ◀ DDR4_DQ13			1556.43
PPr		----- U16.AA17:U19.C8	0.1139 ns		2339.79
Net		----- ◀ DDR4_DQ14			1567.45
PPr		----- U16.Y18:U19.D3	0.112 ns		2339.41
Net		----- ◀ DDR4_DQ15			1555.05
PPr		----- U16.AA18:U19.D7	0.114 ns		2339.01
Net		----- ◀ DDR4_DQ16			1323.56
PPr		----- U16.U21:U20.G2	0.0683 ns		1833.32
Net		----- ◀ DDR4_DQ17			1247.48
PPr		----- U16.U22:U20.F7	0.0809 ns		1832.84
Net		----- ◀ DDR4_DQ18			1273.65
PPr		----- U16.T20:U20.H3	0.0765 ns		1832.61
Net		----- ◀ DDR4_DQ19			1283.41
PPr		----- U16.U20:U20.H7	0.0749 ns		1832.77
Net		----- ◀ DDR4_DQ20			1281.92
PPr		----- U16.T22:U20.H2	0.0751 ns		1832.48
Net		----- ◀ DDR4_DQ21			1262.41
PPr		----- U16.T23:U20.H8	0.0783 ns		1832.17
Net		----- ◀ DDR4_DQ22			1164.71
PPr		----- U16.W19:U20.J3	0.0946 ns		1832.27
Net		----- ◀ DDR4_DQ23			1205.25
PPr		----- U16.W20:U20.J7	0.0879 ns		1832.61
Net		----- ◀ DDR4_DQ24			976.04
PPr		----- U16.Y25:U20.A3	0.106 ns		1633.80
Net		----- ◀ DDR4_DQ25			954.50
PPr		----- U16.Y26:U20.B8	0.1096 ns		1633.86
Net		----- ◀ DDR4_DQ26			929.32
PPr		----- U16.AA24:U20.C3	0.1137 ns		1633.28
Net		----- ◀ DDR4_DQ27			914.09
PPr		----- U16.AA25:U20.C7	0.1164 ns		1634.25
Net		----- ◀ DDR4_DQ28			1043.32
PPr		----- U16.V23:U20.C2	0.0949 ns		1634.48
Net		----- ◀ DDR4_DQ29			1041.53
PPr		----- U16.W23:U20.C8	0.0952 ns		1634.49

Net		----- ◀ DDR4_DQ30			1041.61
PPr		----- U16.V24:U20.D3	0.0952 ns		1634.57
Net		----- ◀ DDR4_DQ31			1041.30
PPr		----- U16.W24:U20.D7	0.0951 ns		1633.66
Net		----- ◀ DDR4_ODT			3040.79
PPr		----- U16.AE26:U19.K3	0.1377 ns		2905.13
PPr		----- U16.AE26:U20.K3	0.1377 ns		3432.04
Net		----- ◀ DDR4_RESET_N			2674.50
PPr		----- U16.AC16:U19.P1	0.1308 ns		2905.10
PPr		----- U16.AC16:U20.P1	0.1308 ns		3431.95
Net		----- DONE_0			2506.21
Net		----- DRAM_PARITY			641.86
Net		----- DRAM_VREF			4418.33
Net		----- DRAM_VTT			736.88
Net		----- ENET_COL			2955.17
Net		----- ENET_CRCS			3039.74
Net		----- ENET_MDC			2316.96
Net		----- ENET_MDIO			2080.66
Net		----- ◀ ENET_RD0			2156.58
PPr		----- U16.W15:U25.16	0.0809 ns		2718.69
Net		----- ◀ ENET_RD1			2213.15
PPr		----- U16.W14:U25.15	0.0717 ns		2717.85
Net		----- ◀ ENET_RD2			2072.77
PPr		----- U16.Y16:U25.14	0.0949 ns		2718.67
Net		----- ◀ ENET_RD3			2118.68
PPr		----- U16.W16:U25.13	0.0885 ns		2718.94
Net		----- ENET_RSTN			2149.05
Net		----- ◀ ENET_RX_CLK			2256.51
PPr		----- U16.Y15:U25.19	0.0836 ns		2719.07
Net		----- ◀ ENET_RX_DV			2276.49
PPr		----- U16.AA15:U25.18	0.0837 ns		2718.97
Net		----- ◀ ENET_RX_ER			2172.76
PPr		----- U16.AB16:U25.20	0.0978 ns		2718.45
Net		----- ◀ ENET_TD0			2443.75
PPr		----- U16.W13:U25.24	0.0778 ns		2932.31
Net		----- ◀ ENET_TD1			2447.20
PPr		----- U16.W12:U25.25	0.0772 ns		2932.16
Net		----- ◀ ENET_TD2			2385.49
PPr		----- U16.AA13:U25.26	0.0875 ns		2932.25
Net		----- ◀ ENET_TD3			2420.13
PPr		----- U16.Y13:U25.27	0.0817 ns		2932.09
Net		----- ◀ ENET_TXEN			2362.23
PPr		----- U16.AB14:U25.23	0.0913 ns		2931.79
Net		----- ◀ ENET_TXER			2299.94
PPr		----- U16.AE13:U25.31	0.1016 ns		2931.30
Net		----- ◀ ENET_TX_CLK			2427.65

PPr		----- U16.AA14:U25.22	0.0921 ns		2932.34
Net		----- EN1			3179.31
Net		----- EN2			712.97
Net		----- EN3			1421.52
Net		----- EN4			3423.49
Net		----- EN5			3430.64
Net		----- EN6			2995.28
Net		----- E0			118.50
Net		----- E1			108.04
Net		----- E2			115.87
Net		----- FMC_SCL			4294.89
Net		----- FMC_SDA			4270.17
Net		----- FMC_TDO			2441.77
Net		----- FMC_12V			610.09
Net		----- FPGA_TDO			6016.16
Net		----- FTDIC_RX			1835.89
Net		----- FTDIC_TX			1741.77
XNet		----- ◀ FTDI_TCK			7314.02
PPr		----- U21.16:J10.6			1387.02
XNet		----- ◀ FTDI_TDI			1555.19
PPr		----- U21.17:J10.10			1386.63
XNet		----- ◀ FTDI_TDO			4159.01
PPr		----- U21.18:J10.8			1382.27
XNet		----- ◀ FTDI_TMS			7168.73
PPr		----- U21.19:J10.4			1383.57
Net		----- FT_OSCI			342.94
Net		----- FT_OSCO			210.36
Net		----- FT_1V8			344.48
Net		----- GA0			2577.40
Net		----- GA1			2570.17
Net		----- GND_SYSMON			2679.56
Net		----- GPIO_PB1			2246.80
Net		----- GPIO_PB2			2422.13
Net		----- GPIO_PB3			2358.52
Net		----- GPIO_PB4			2541.76
Net		----- GPIO_SW1			2824.16
Net		----- GPIO_SW2			2642.85
Net		----- GPIO_SW3			2697.83
Net		----- GPIO_SW4			2653.90
Net		----- HDMI_CTL_SCL			2747.39
Net		----- HDMI_CTL_SDA			2845.86
Net		----- HDMI_RX_GND			1226.88
Net		----- HDMI_RX_HPD			3130.19
Net		----- HDMI_RX_HPD_3V3			109.50
Net		----- HDMI_RX_PWR_DET			2884.45
Net		----- HDMI_RX_SNK_SCL			2634.20
Net		----- HDMI_RX_SNK_SCL_BUF			381.65

Net		----- HDMI_RX_SNK_SDA			2308.16
Net		----- HDMI_RX_SNK_SDA_BUF			319.82
Net		----- HDMI_RX_1V2			615.17
Net		----- HDMI_RX_3V3			1064.06
Net		----- HDMI_RX_5V			1034.84
Net		----- HDMI_TX_CEC			2720.27
Net		----- HDMI_TX_EN			3320.00
Net		----- HDMI_TX_GND			1209.77
Net		----- HDMI_TX_HPD			2815.06
Net		----- HDMI_TX_SRC_SCL			3157.96
Net		----- HDMI_TX_SRC_SDA			3118.43
Net		----- HDMI_TX_1V2			438.61
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Net		----- HDMI_TX_5V			212.92
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Net		----- HDMI_8T49N241_LOL			1012.44
Net		----- HDMI_8T49N241_LOL_3V3			2331.32
Net		----- HDMI_8T49N241_RST_N			1240.67
Net		----- HDMI_8T49N241_RST_N_3V3			2057.41
Net		----- IO_BANK66_M22			115.31
Net		----- I2C_SCL_3V3			2855.97
Net		----- I2C_SDA_3V3			2608.68
Net		----- LED_LINK_1V8			716.49
Net		----- LED_LINK_3V3			142.25
Net		----- LED_RGB_B1			3045.92
Net		----- LED_RGB_B2			2377.76
Net		----- LED_RGB_G1			2651.34
Net		----- LED_RGB_G2			2229.69
Net		----- LED_RGB_R1			2848.27
Net		----- LED_RGB_R2			2311.08
Net		----- LED1			1269.97
Net		----- LED2			1424.40
Net		----- LED3			1522.19
Net		----- LED4			1666.75
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Net		----- MGTAVTT_AUP			554.70
Net		----- MGTVCCAUX			1323.34
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Net		----- PG3B			920.36
Net		----- PG4			3074.66
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Net		----- PG5B			1487.83
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Net		----- PRSNT_M2C_L			5311.57
Net		----- PRSNT1N			1863.93
Net		----- PRSNT2N_B17			77.00
Net		----- PRSNT2N_B31			77.00
Net		----- PUDC_B			3461.56
Net		----- PVCC			603.43
Net		----- PWREN_N			892.89
XNet		----- ◀ QSPI_CLK			1128.96

PPr		----- U16.Y11:U17.6	0.0921 ns		1781.52
XNet		----- ◀ QSPI_CSN			1098.89
PPr		----- U16.AA12:U17.1	0.1014 ns		1767.25
XNet		----- ◀ QSPI_D0			951.84
PPr		----- U16.AD11:U17.5	0.1215 ns		1780.81
XNet		----- ◀ QSPI_D1			1006.57
PPr		----- U16.AC12:U17.2	0.11 ns		1766.53
XNet		----- ◀ QSPI_D2			1041.16
PPr		----- U16.AC11:U17.3	0.1123 ns		1776.92
XNet		----- ◀ QSPI_D3			925.34
PPr		----- U16.AE11:U17.7	0.1255 ns		1778.30
Net		----- RX_HPD_OUT			272.44
Net		----- RX_HPD_SRC			436.82
Net		----- RX_SCL			1653.62
Net		----- RX_SDA			1700.32
Net		----- SCL_SCLK			3939.17
Net		----- SDA_NCS			3939.78
Net		----- SENSOR_SCL			367.71
Net		----- SENSOR_SDA			334.41
Net		----- SFP_SCL			2923.99
Net		----- SFP_SDA			2893.36
Net		----- SFP1_LOS			2550.67
Net		----- SFP1_RATE_SELECT0			458.16
Net		----- SFP1_RATE_SELECT1			606.95
Net		----- SFP1_TDIS_1V2			1141.20
Net		----- SFP1_TDIS_3V3			2647.60
Net		----- SFP1_TFAULT_1V2			1880.58
Net		----- SFP1_TFAULT_3V3			1952.06
Net		----- SYS_RST_N			4398.12
Net		----- SYS_RST_N_FT			176.63
Net		----- S_A0			118.66
Net		----- S_A1			116.10
Net		----- TCK_1V8			3409.84
Net		----- TDI_1V8			3271.63
Net		----- TDO_1V8			3115.64
Net		----- TEMP_INT			129.74
Net		----- TMS_1V8			3291.24
Net		----- TRST_L			4363.88
Net		----- TX_EN			174.35
Net		----- TX_HPD_SNK			571.90
Net		----- TX_SNK_SCL			854.94
Net		----- TX_SNK_SDA			869.83
Net		----- TX_SRC_SCL			405.61
Net		----- TX_SRC_SDA			300.08
Net		----- UART_RX			3688.26
Net		----- UART_TX			3713.25
Net		----- USB_5V			630.01

Net		----- U58_A0			150.86
Net		----- U58_A1			106.15
Net		----- U58_A2			111.06
Net		----- VCCA			462.46
Net		----- VCCADC			1154.25
Net		----- VCCAUX			359.76
Net		----- VCCA_REF_3V3_8T49N241			636.20
Net		----- VCCA_3V3_8T49N241			520.58
Net		----- VCCCS			513.19
Net		----- VCCINT			4251.08
Net		----- VCCINT_IO			403.71
Net		----- VCCO			857.91
Net		----- VCCO_0_84			5750.75
Net		----- VCCO_3V3_8T49N241			1025.77
Net		----- VCCO_64_65			10730.69
Net		----- VCCO_66_86			1600.42
Net		----- VCCO_85			11613.51
Net		----- VCC_BATT			3830.59
Net		----- VCC_FT_VPHY			184.86
Net		----- VCC_FT_VPLL			194.60
Net		----- VCC_3V3			273.83
Net		----- VCC_3V3_8T49N241			701.82
Net		----- VCC5			450.49
Net		----- VDD_1V8			187.57
Net		----- VDD5V_PG			2977.07
Net		----- VIN_12V			7132.81
Net		----- WC			93.32
Net		----- WP			4034.61
Net		----- 2V5_UTIL			1481.20
Net		----- 3V3_AVDD_MII0			205.63
Net		----- 3V3_UTIL			9846.40
Net		----- 3V3_UTIL_PG			4430.90
Net		----- 5V_UTIL			11918.27