

Neutron KU60 A2.1 IO length details

*	Name	Node Count	Signal Length (mm)	Total	Routed	Unrouted (Manhattan) (mm)
False	DATA0	3	0	0	276.476	Net is Hidden
False	DATA1	3	0	0	276.474	Net is Hidden
False	DATA2	3	0	0	276.474	Net is Hidden
False	DATA3	3	0	0	276.474	Net is Hidden
False	DATA11	2	189.938	0	189.938	Net is Hidden
False	DATA13	2	189.967	0	189.983	Net is Hidden
False	DDR_CLK_N	2	1.861	0	1.908	Net is Hidden
False	DDR_CLK_P	2	1.9	0	1.939	Net is Hidden
False	FPGA_DATA0	2	44.662	0	44.662	Net is Hidden
False	FPGA_DATA1	2	44.628	0	44.644	Net is Hidden
False	FPGA_DATA2	2	44.662	0	44.662	Net is Hidden
False	FPGA_DATA3	2	44.673	0	44.673	Net is Hidden
False	FPGA_DATA4	2	44.649	0	44.662	Net is Hidden
False	FPGA_DATA5	2	44.566	0	44.577	Net is Hidden
False	FPGA_DATA6	2	44.561	0	44.558	Net is Hidden
False	FPGA_DATA7	2	44.674	0	44.662	Net is Hidden
False	HPC_LA06_N	2	50.274	0	50.274	Net is Hidden
False	HPC_LA06_P	2	50.264	0	50.264	Net is Hidden
False	IO0_35_N	2	79.356	0	79.356	Net is Hidden
False	IO0_35_P	2	79.356	0	79.356	Net is Hidden
False	IO0_N	2	80.537	0	80.537	Net is Hidden
False	IO0_P	2	78.829	0	78.846	Net is Hidden
False	IO1_35_N	2	79.356	0	79.356	Net is Hidden
False	IO1_35_P	2	79.353	0	79.353	Net is Hidden
False	IO1_N	2	77.781	0	77.772	Net is Hidden
False	IO1_P	2	79.235	0	79.225	Net is Hidden
False	IO2_35_N	2	79.356	0	79.372	Net is Hidden
False	IO2_35_P	2	79.354	0	79.37	Net is Hidden
False	IO3_35_N	2	79.234	0	79.25	Net is Hidden
False	IO3_35_P	2	79.207	0	79.223	Net is Hidden
False	IO4_35_N	2	79.356	0	79.356	Net is Hidden
False	IO4_35_P	2	79.356	0	79.356	Net is Hidden
False	IO5_35_N	2	79.211	0	79.23	Net is Hidden
False	IO5_35_P	2	79.211	0	79.227	Net is Hidden
False	QSPI1_CS	3	0	0	23.829	Net is Hidden
False	QSPI1_DATA0	2	32.703	0	32.703	Net is Hidden
False	QSPI1_DATA1	2	32.703	0	32.716	Net is Hidden
False	QSPI1_DATA2	3	0	0	32.691	Net is Hidden
False	QSPI1_DATA3	3	0	0	32.557	Net is Hidden
False	QSPI_CCLK	5	0	0	128.735	Net is Hidden
False	QSPI_CS	3	0	0	36.184	Net is Hidden
False	QSPI_DATA0	2	19.654	0	21.562	Net is Hidden
False	QSPI_DATA1	2	19.655	0	21.562	Net is Hidden
False	QSPI_DATA2	3	0	0	19.631	Net is Hidden
False	QSPI_DATA3	3	0	0	19.631	Net is Hidden
False	SFP_CLK_N	3	0	0	138.04	0
False	SFP_CLK_P	3	0	0	138.124	0
False	SPI_CS_N	3	0	0	21.547	Net is Hidden
False	SPI_DQ0	2	21.559	0	21.559	Net is Hidden
False	SPI_DQ1	2	21.559	0	21.559	Net is Hidden
False	SPI_DQ2	3	0	0	21.547	Net is Hidden
False	SPI_DQ3	3	0	0	21.547	Net is Hidden
False	SPI_RST	3	0	0	29.399	Net is Hidden
False	SPI_SCK	3	0	0	29.384	Net is Hidden
False	SYS_CLK_N	2	2.206	0	2.244	Net is Hidden
False	SYS_CLK_P	2	2.23	0	2.245	Net is Hidden
False	SYS_VREF_N	5	0	0	26.035	Net is Hidden

False	SYS_VREF_P	3	0	0	26.035	Net is Hidden
False	V_N	3	0	0	130.922	Net is Hidden
False	V_P	3	0	0	130.913	Net is Hidden
False	VREF_N	6	0	0	35.147	Net is Hidden
False	VREF_P	4	0	0	35.146	Net is Hidden
False	V_N	2	4.166	0	4.166	0
False	V_P	2	4.184	0	4.184	0
True	CLK_127_N	2	1.662	0	1.716	Net is Hidden
True	CLK_127_P	2	1.645	0	1.699	Net is Hidden
True	CLK_128_N	2	2.562	0	2.609	0
True	CLK_128_P	2	2.504	0	2.552	0
True	CLK_224_N	2	2.085	0	2.103	Net is Hidden
True	CLK_224_P	2	2.087	0	2.105	Net is Hidden
True	CLK_225_N	2	2.098	0	2.116	Net is Hidden
True	CLK_225_P	2	1.939	0	2.168	Net is Hidden
True	CLK_228_N	2	1.848	0	1.902	Net is Hidden
True	CLK_228_P	2	1.82	0	1.874	Net is Hidden
True	CSI_B	5	0	0	276.474	Net is Hidden
True	DATA4	3	0	0	276.474	Net is Hidden
True	DATA5	3	0	0	276.53	Net is Hidden
True	DATA6	3	0	0	276.474	Net is Hidden
True	DATA7	3	0	0	276.474	Net is Hidden
True	DATA8	2	189.938	0	189.94	Net is Hidden
True	DATA9	2	189.938	0	189.938	Net is Hidden
True	DATA10	2	189.967	0	189.967	Net is Hidden
True	DATA12	2	189.938	0	189.938	Net is Hidden
True	DATA14	2	189.967	0	189.967	Net is Hidden
True	DATA15	2	189.967	0	189.967	Net is Hidden
True	DDR4-A0	7	0	0	121.05	Net is Hidden
True	DDR4-A1	7	0	0	115.958	Net is Hidden
True	DDR4-A2	7	0	0	117.416	Net is Hidden
True	DDR4-A3	7	0	0	112.559	Net is Hidden
True	DDR4-A4	7	0	0	115.296	Net is Hidden
True	DDR4-A5	7	0	0	111.939	Net is Hidden
True	DDR4-A6	7	0	0	113.051	Net is Hidden
True	DDR4-A7	7	0	0	110.981	Net is Hidden
True	DDR4-A8	7	0	0	110.692	Net is Hidden
True	DDR4-A9	7	0	0	116.614	Net is Hidden
True	DDR4-A10	7	0	0	114.342	Net is Hidden
True	DDR4-A11	7	0	0	115.922	Net is Hidden
True	DDR4-A13	7	0	0	110.554	Net is Hidden
True	DDR4-ACT_n	7	0	0	115.334	Net is Hidden
True	DDR4-ALERT	7	0	0	135.785	Net is Hidden
True	DDR4-BA0	7	0	0	115.173	Net is Hidden
True	DDR4-BA1	7	0	0	111.304	Net is Hidden
True	DDR4-BC_n	7	0	0	111.969	Net is Hidden
True	DDR4-BG0	7	0	0	116.328	Net is Hidden
True	DDR4-CAS_n	7	0	0	111.494	Net is Hidden
True	DDR4-CKE	7	0	0	113.592	Net is Hidden
True	DDR4-CK_N	7	0	0	113.104	Net is Hidden
True	DDR4-CK_P	7	0	0	112.986	Net is Hidden
True	DDR4-CS_n	7	0	0	119.149	Net is Hidden
True	DDR4-DQ0	2	48.59	0	48.59	Net is Hidden
True	DDR4-DQ1	2	48.59	0	48.59	Net is Hidden
True	DDR4-DQ2	2	48.59	0	48.59	Net is Hidden
True	DDR4-DQ3	2	48.59	0	48.59	Net is Hidden
True	DDR4-DQ4	2	48.59	0	48.59	Net is Hidden
True	DDR4-DQ5	2	48.59	0	48.59	Net is Hidden
True	DDR4-DQ6	2	48.59	0	48.59	Net is Hidden
True	DDR4-DQ7	2	48.59	0	48.59	Net is Hidden

True	DDR4-DQ8	2	48.587	0	48.587	Net is Hidden
True	DDR4-DQ9	2	48.725	0	48.725	Net is Hidden
True	DDR4-DQ10	2	48.59	0	48.594	Net is Hidden
True	DDR4-DQ11	2	48.683	0	48.683	Net is Hidden
True	DDR4-DQ12	2	48.569	0	48.569	Net is Hidden
True	DDR4-DQ13	2	48.58	0	48.58	Net is Hidden
True	DDR4-DQ14	2	48.59	0	48.594	Net is Hidden
True	DDR4-DQ15	2	48.59	0	48.59	Net is Hidden
True	DDR4-DQ16	2	31.583	0	31.583	Net is Hidden
True	DDR4-DQ17	2	31.488	0	31.488	Net is Hidden
True	DDR4-DQ18	2	31.583	0	31.583	Net is Hidden
True	DDR4-DQ19	2	31.583	0	31.583	Net is Hidden
True	DDR4-DQ20	2	31.583	0	31.587	Net is Hidden
True	DDR4-DQ21	2	31.583	0	31.583	Net is Hidden
True	DDR4-DQ22	2	31.583	0	31.583	Net is Hidden
True	DDR4-DQ23	2	31.583	0	31.583	Net is Hidden
True	DDR4-DQ24	2	31.583	0	31.606	Net is Hidden
True	DDR4-DQ25	2	31.583	0	31.583	Net is Hidden
True	DDR4-DQ26	2	31.583	0	31.583	Net is Hidden
True	DDR4-DQ27	2	31.583	0	31.583	Net is Hidden
True	DDR4-DQ28	2	31.579	0	31.579	Net is Hidden
True	DDR4-DQ29	2	31.583	0	31.583	Net is Hidden
True	DDR4-DQ30	2	31.583	0	31.583	Net is Hidden
True	DDR4-DQ31	2	31.583	0	31.583	Net is Hidden
True	DDR4-DQ32	2	47.659	0	47.659	Net is Hidden
True	DDR4-DQ33	2	47.659	0	47.659	Net is Hidden
True	DDR4-DQ34	2	47.659	0	47.659	Net is Hidden
True	DDR4-DQ35	2	47.659	0	47.659	Net is Hidden
True	DDR4-DQ36	2	47.659	0	47.659	Net is Hidden
True	DDR4-DQ37	2	47.659	0	47.659	Net is Hidden
True	DDR4-DQ38	2	47.659	0	47.659	Net is Hidden
True	DDR4-DQ39	2	47.659	0	47.553	Net is Hidden
True	DDR4-DQ40	2	47.739	0	47.979	Net is Hidden
True	DDR4-DQ41	2	47.731	0	48.324	Net is Hidden
True	DDR4-DQ42	2	47.756	0	47.756	Net is Hidden
True	DDR4-DQ43	2	47.659	0	47.659	Net is Hidden
True	DDR4-DQ44	2	47.648	0	47.648	Net is Hidden
True	DDR4-DQ45	2	47.659	0	47.659	Net is Hidden
True	DDR4-DQ46	2	47.617	0	47.617	Net is Hidden
True	DDR4-DQ47	2	47.659	0	47.662	Net is Hidden
True	DDR4-DQ48	2	67.133	0	67.437	Net is Hidden
True	DDR4-DQ49	2	67.145	0	67.145	Net is Hidden
True	DDR4-DQ50	2	67.145	0	67.145	Net is Hidden
True	DDR4-DQ51	2	67.145	0	67.145	Net is Hidden
True	DDR4-DQ52	2	67.145	0	67.145	Net is Hidden
True	DDR4-DQ53	2	67.109	0	67.109	Net is Hidden
True	DDR4-DQ54	2	67.156	0	67.156	Net is Hidden
True	DDR4-DQ55	2	67.134	0	67.134	Net is Hidden
True	DDR4-DQ56	2	67.156	0	67.156	Net is Hidden
True	DDR4-DQ57	2	67.156	0	67.159	Net is Hidden
True	DDR4-DQ58	2	67.145	0	67.153	Net is Hidden
True	DDR4-DQ59	2	67.145	0	67.145	Net is Hidden
True	DDR4-DQ60	2	67.138	0	67.141	Net is Hidden
True	DDR4-DQ61	2	67.145	0	67.149	Net is Hidden
True	DDR4-DQ62	2	67.145	0	67.149	Net is Hidden
True	DDR4-DQ63	2	67.145	0	67.145	Net is Hidden
True	DDR4-DQ64	2	72.88	0	73.236	Net is Hidden
True	DDR4-DQ65	2	72.33	0	72.35	Net is Hidden
True	DDR4-DQ66	2	72.88	0	72.884	Net is Hidden
True	DDR4-DQ67	2	72.979	0	72.982	Net is Hidden

True	DDR4-DQ68	2	72.857	0	72.865	Net is Hidden
True	DDR4-DQ69	2	72.88	0	72.88	Net is Hidden
True	DDR4-DQ70	2	72.88	0	72.88	Net is Hidden
True	DDR4-DQ71	2	72.91	0	72.913	Net is Hidden
True	DDR4-ODT	7	0	0	116.938	Net is Hidden
True	DDR4-RAS_n	7	0	0	111.604	Net is Hidden
True	DDR4-RESET_n	7	0	0	117.75	Net is Hidden
True	DDR4-TEN	7	0	0	125.892	Net is Hidden
True	DDR4-WE_n	7	0	0	115.344	Net is Hidden
True	DDR4_DM0	2	48.59	0	48.59	Net is Hidden
True	DDR4_DM1	2	48.605	0	48.606	Net is Hidden
True	DDR4_DM2	2	32.115	0	32.115	Net is Hidden
True	DDR4_DM3	2	31.583	0	31.587	Net is Hidden
True	DDR4_DM4	2	47.659	0	47.659	Net is Hidden
True	DDR4_DM5	2	47.659	0	48.019	Net is Hidden
True	DDR4_DM6	2	67.145	0	67.145	Net is Hidden
True	DDR4_DM7	2	67.145	0	67.145	Net is Hidden
True	DDR4_DM8	2	72.881	0	72.882	Net is Hidden
True	DDR4_DQS0_N	2	48.59	0	48.592	Net is Hidden
True	DDR4_DQS0_P	2	48.59	0	48.59	Net is Hidden
True	DDR4_DQS1_N	2	48.59	0	48.59	Net is Hidden
True	DDR4_DQS1_P	2	48.59	0	48.59	Net is Hidden
True	DDR4_DQS2_N	2	31.583	0	31.583	Net is Hidden
True	DDR4_DQS2_P	2	31.583	0	31.583	Net is Hidden
True	DDR4_DQS3_N	2	31.583	0	31.903	Net is Hidden
True	DDR4_DQS3_P	2	31.583	0	31.583	Net is Hidden
True	DDR4_DQS4_N	2	47.669	0	47.669	Net is Hidden
True	DDR4_DQS4_P	2	47.669	0	47.669	Net is Hidden
True	DDR4_DQS5_N	2	47.669	0	47.669	Net is Hidden
True	DDR4_DQS5_P	2	47.669	0	47.669	Net is Hidden
True	DDR4_DQS6_N	2	67.126	0	67.126	Net is Hidden
True	DDR4_DQS6_P	2	67.134	0	67.134	Net is Hidden
True	DDR4_DQS7_N	2	67.134	0	67.134	Net is Hidden
True	DDR4_DQS7_P	2	67.134	0	67.135	Net is Hidden
True	DDR4_DQS8_N	2	72.877	0	72.878	Net is Hidden
True	DDR4_DQS8_P	2	72.878	0	72.878	Net is Hidden
True	DDR4_PAR	7	0	0	121.551	Net is Hidden
True	DDR4_REFCLK_N	5	0	0	28.224	Net is Hidden
True	DDR4_REFCLK_P	5	0	0	28.244	Net is Hidden
True	D_N	4	0	0	32.917	Net is Hidden
True	D_P	4	0	0	32.897	Net is Hidden
True	ETH_MDC	2	120.88	0	120.885	Net is Hidden
True	ETH_MDIO	3	0	0	126.584	Net is Hidden
True	ETH_RST_OUT	2	123.318	0	123.318	Net is Hidden
True	ETH_RXD0	4	0	0	119.122	Net is Hidden
True	ETH_RXD1	4	0	0	119.138	Net is Hidden
True	ETH_RXD2	3	0	0	119.149	Net is Hidden
True	ETH_RXD3	3	0	0	119.149	Net is Hidden
True	ETH_RX_CLK	4	0	0	119.138	Net is Hidden
True	ETH_RX_CTL	4	0	0	119.138	Net is Hidden
True	ETH_TXCLK	2	116.042	0	116.053	Net is Hidden
True	ETH_TXD0	2	116.056	0	116.056	Net is Hidden
True	ETH_TXD1	2	116.042	0	116.06	Net is Hidden
True	ETH_TXD2	2	116.042	0	116.042	Net is Hidden
True	ETH_TXD3	2	116.042	0	116.044	Net is Hidden
True	ETH_TX_CTL	2	116.042	0	116.042	Net is Hidden
True	FABRIC_CLK_N	2	2.311	0	2.311	Net is Hidden
True	FABRIC_CLK_P	2	2.328	0	2.328	Net is Hidden
True	FABRIC_REFCLK_N	5	17.868	0	17.868	Net is Hidden
True	FABRIC_REFCLK_P	5	17.868	0	17.868	Net is Hidden

	GPHY_ATXRX_N	2	12.843	0	12.897	Net is Hidden
True	GPHY_ATXRX_P	2	12.841	0	12.863	Net is Hidden
True	GPHY_BTXXRX_N	2	12.829	0	12.829	Net is Hidden
True	GPHY_BTXXRX_P	2	12.823	0	12.823	Net is Hidden
True	GPHY_CTXRX_N	2	12.814	0	12.811	Net is Hidden
True	GPHY_CTXRX_P	2	12.811	0	13.251	Net is Hidden
True	GPHY_DTXRX_N	2	12.862	0	13.449	Net is Hidden
True	GPHY_DTXRX_P	2	12.861	0	13.518	Net is Hidden
True	HPC_CLK0_M2C_N	2	82.95	0	82.95	Net is Hidden
True	HPC_CLK0_M2C_P	2	82.95	0	82.95	Net is Hidden
True	HPC_CLK1_M2C_N	2	82.925	0	82.925	Net is Hidden
True	HPC_CLK1_M2C_P	2	82.925	0	82.925	Net is Hidden
True	HPC_CLK2_BIDIR_N	2	82.95	0	82.95	Net is Hidden
True	HPC_CLK2_BIDIR_P	2	82.95	0	82.95	Net is Hidden
True	HPC_CLK3_BIDIR_N	2	82.95	0	82.95	Net is Hidden
True	HPC_CLK3_BIDIR_P	2	82.95	0	82.95	Net is Hidden
True	HPC_DP0_C2M_N	2	70.768	0	70.768	Net is Hidden
True	HPC_DP0_C2M_P	2	70.642	0	70.642	Net is Hidden
True	HPC_DP0_M2C_N	2	62.603	0	62.603	Net is Hidden
True	HPC_DP0_M2C_P	2	62.603	0	62.603	Net is Hidden
True	HPC_DP1_C2M_N	2	70.692	0	70.692	Net is Hidden
True	HPC_DP1_C2M_P	2	70.692	0	70.692	Net is Hidden
True	HPC_DP1_M2C_N	2	62.563	0	62.563	Net is Hidden
True	HPC_DP1_M2C_P	2	62.633	0	62.633	Net is Hidden
True	HPC_DP2_C2M_N	2	70.767	0	70.767	Net is Hidden
True	HPC_DP2_C2M_P	2	70.767	0	70.767	Net is Hidden
True	HPC_DP2_M2C_N	2	62.556	0	62.564	Net is Hidden
True	HPC_DP2_M2C_P	2	62.556	0	62.954	Net is Hidden
True	HPC_DP3_C2M_N	2	70.488	0	70.494	Net is Hidden
True	HPC_DP3_C2M_P	2	70.488	0	70.488	Net is Hidden
True	HPC_DP3_M2C_N	2	62.556	0	62.556	Net is Hidden
True	HPC_DP3_M2C_P	2	62.556	0	62.556	Net is Hidden
True	HPC_DP4_C2M_N	2	81.473	0	81.473	Net is Hidden
True	HPC_DP4_C2M_P	2	81.473	0	81.473	Net is Hidden
True	HPC_DP4_M2C_N	2	39.951	0	39.985	Net is Hidden
True	HPC_DP4_M2C_P	2	39.903	0	39.92	Net is Hidden
True	HPC_DP5_C2M_N	2	81.408	0	81.408	Net is Hidden
True	HPC_DP5_C2M_P	2	81.408	0	81.408	Net is Hidden
True	HPC_DP5_M2C_N	2	39.951	0	39.951	Net is Hidden
True	HPC_DP5_M2C_P	2	39.951	0	39.951	Net is Hidden
True	HPC_DP6_C2M_N	2	81.415	0	82.422	Net is Hidden
True	HPC_DP6_C2M_P	2	81.415	0	81.421	Net is Hidden
True	HPC_DP6_M2C_N	2	39.951	0	39.988	Net is Hidden
True	HPC_DP6_M2C_P	2	39.931	0	39.971	Net is Hidden
True	HPC_DP7_C2M_N	2	81.449	0	81.791	Net is Hidden
True	HPC_DP7_C2M_P	2	81.449	0	81.879	Net is Hidden
True	HPC_DP7_M2C_N	2	39.901	0	39.951	Net is Hidden
True	HPC_DP7_M2C_P	2	39.886	0	39.926	Net is Hidden
True	HPC_GBTCLK0_M2C_C_N	2	12.696	0	12.658	Net is Hidden
True	HPC_GBTCLK0_M2C_C_P	2	12.696	0	12.658	Net is Hidden
True	HPC_GBTCLK0_M2C_N	2	42.113	0	42.113	Net is Hidden
True	HPC_GBTCLK0_M2C_P	2	42.197	0	42.197	Net is Hidden
True	HPC_GBTCLK1_M2C_C_N	2	12.865	0	12.827	Net is Hidden
True	HPC_GBTCLK1_M2C_C_P	2	12.865	0	12.827	Net is Hidden
True	HPC_GBTCLK1_M2C_N	2	42.415	0	42.377	Net is Hidden
True	HPC_GBTCLK1_M2C_P	2	42.415	0	42.377	Net is Hidden
True	HPC_HA00_CC_N	2	42.794	0	42.794	Net is Hidden
True	HPC_HA00_CC_P	2	42.794	0	42.794	Net is Hidden
True	HPC_HA01_CC_N	2	39.324	0	39.327	Net is Hidden
True	HPC_HA01_CC_P	2	39.324	0	39.324	Net is Hidden

True	HPC_HA02_N	2	63.437	0	63.437	Net is Hidden
True	HPC_HA02_P	2	63.437	0	63.437	Net is Hidden
True	HPC_HA03_N	2	58.058	0	58.073	Net is Hidden
True	HPC_HA03_P	2	58.051	0	58.066	Net is Hidden
True	HPC_HA04_N	2	39.974	0	39.974	Net is Hidden
True	HPC_HA04_P	2	39.956	0	39.956	Net is Hidden
True	HPC_HA05_N	2	39.325	0	39.325	Net is Hidden
True	HPC_HA05_P	2	39.325	0	39.325	Net is Hidden
True	HPC_HA06_N	2	85.511	0	85.511	Net is Hidden
True	HPC_HA06_P	2	85.511	0	85.504	Net is Hidden
True	HPC_HA07_N	2	76.396	0	76.396	Net is Hidden
True	HPC_HA07_P	2	76.396	0	76.396	Net is Hidden
True	HPC_HA08_N	2	45.182	0	45.171	Net is Hidden
True	HPC_HA08_P	2	45.173	0	45.168	Net is Hidden
True	HPC_HA09_N	2	39.456	0	39.456	Net is Hidden
True	HPC_HA09_P	2	39.456	0	39.456	Net is Hidden
True	HPC_HA10_N	2	54.165	0	54.165	Net is Hidden
True	HPC_HA10_P	2	54.165	0	54.165	Net is Hidden
True	HPC_HA11_N	2	58.544	0	58.544	Net is Hidden
True	HPC_HA11_P	2	58.544	0	58.544	Net is Hidden
True	HPC_HA12_N	2	42.398	0	42.398	Net is Hidden
True	HPC_HA12_P	2	42.398	0	42.398	Net is Hidden
True	HPC_HA13_N	2	40.665	0	40.665	Net is Hidden
True	HPC_HA13_P	2	40.665	0	40.665	Net is Hidden
True	HPC_HA14_N	2	50.522	0	50.522	Net is Hidden
True	HPC_HA14_P	2	50.522	0	50.522	Net is Hidden
True	HPC_HA15_N	2	47.211	0	47.211	Net is Hidden
True	HPC_HA15_P	2	47.211	0	47.211	Net is Hidden
True	HPC_HA16_N	2	41.059	0	41.059	Net is Hidden
True	HPC_HA16_P	2	41.059	0	41.059	Net is Hidden
True	HPC_HA17_CC_N	2	53.534	0	53.534	Net is Hidden
True	HPC_HA17_CC_P	2	53.541	0	53.541	Net is Hidden
True	HPC_HA18_N	2	60.688	0	60.688	Net is Hidden
True	HPC_HA18_P	2	60.687	0	60.683	Net is Hidden
True	HPC_HA19_N	2	48.44	0	48.44	Net is Hidden
True	HPC_HA19_P	2	48.44	0	48.44	Net is Hidden
True	HPC_HA20_N	2	46.429	0	46.429	Net is Hidden
True	HPC_HA20_P	2	46.429	0	46.429	Net is Hidden
True	HPC_HA21_N	2	63.927	0	63.927	Net is Hidden
True	HPC_HA21_P	2	63.927	0	63.927	Net is Hidden
True	HPC_HA22_N	2	67.639	0	67.639	Net is Hidden
True	HPC_HA22_P	2	67.639	0	67.639	Net is Hidden
True	HPC_HA23_N	2	75.686	0	75.687	Net is Hidden
True	HPC_HA23_P	2	75.686	0	75.686	Net is Hidden
True	HPC_HB00_CC_N	2	84.525	0	84.526	Net is Hidden
True	HPC_HB00_CC_P	2	84.525	0	84.526	Net is Hidden
True	HPC_HB01_N	2	77.237	0	77.237	Net is Hidden
True	HPC_HB01_P	2	77.237	0	77.238	Net is Hidden
True	HPC_HB02_N	2	58.692	0	58.692	Net is Hidden
True	HPC_HB02_P	2	58.692	0	58.692	Net is Hidden
True	HPC_HB03_N	2	64.97	0	64.97	Net is Hidden
True	HPC_HB03_P	2	64.97	0	64.97	Net is Hidden
True	HPC_HB04_N	2	56.097	0	56.097	Net is Hidden
True	HPC_HB04_P	2	56.097	0	56.097	Net is Hidden
True	HPC_HB05_N	2	56.319	0	56.319	Net is Hidden
True	HPC_HB05_P	2	56.319	0	56.319	Net is Hidden
True	HPC_HB06_CC_N	2	75.784	0	75.784	Net is Hidden
True	HPC_HB06_CC_P	2	75.784	0	75.784	Net is Hidden
True	HPC_HB07_N	2	62.637	0	62.637	Net is Hidden
True	HPC_HB07_P	2	62.616	0	62.616	Net is Hidden

True	HPC_HB08_N	2	59.391	0	59.391	Net is Hidden
True	HPC_HB08_P	2	59.391	0	59.389	Net is Hidden
True	HPC_HB09_N	2	54.395	0	54.395	Net is Hidden
True	HPC_HB09_P	2	54.395	0	54.393	Net is Hidden
True	HPC_HB10_N	2	97.052	0	97.073	Net is Hidden
True	HPC_HB10_P	2	97.039	0	97.06	Net is Hidden
True	HPC_HB11_N	2	87.389	0	87.389	Net is Hidden
True	HPC_HB11_P	2	87.373	0	87.389	Net is Hidden
True	HPC_HB12_N	2	59.893	0	59.893	Net is Hidden
True	HPC_HB12_P	2	59.893	0	59.893	Net is Hidden
True	HPC_HB13_N	2	56.179	0	56.21	Net is Hidden
True	HPC_HB13_P	2	56.179	0	56.194	Net is Hidden
True	HPC_HB14_N	2	70.124	0	70.124	Net is Hidden
True	HPC_HB14_P	2	70.124	0	70.129	Net is Hidden
True	HPC_HB15_N	2	63.6	0	63.605	Net is Hidden
True	HPC_HB15_P	2	63.6	0	63.6	Net is Hidden
True	HPC_HB16_N	2	69.7	0	69.7	Net is Hidden
True	HPC_HB16_P	2	69.7	0	69.701	Net is Hidden
True	HPC_HB17_CC_N	2	72.449	0	72.449	Net is Hidden
True	HPC_HB17_CC_P	2	72.449	0	72.449	Net is Hidden
True	HPC_HB18_N	2	76.779	0	76.779	Net is Hidden
True	HPC_HB18_P	2	76.779	0	76.779	Net is Hidden
True	HPC_HB19_N	2	64.754	0	64.754	Net is Hidden
True	HPC_HB19_P	2	64.754	0	64.755	Net is Hidden
True	HPC_HB20_N	2	77.714	0	77.714	Net is Hidden
True	HPC_HB20_P	2	77.694	0	77.694	Net is Hidden
True	HPC_HB21_N	2	72.654	0	72.654	Net is Hidden
True	HPC_HB21_P	2	72.634	0	72.634	Net is Hidden
True	HPC_LA00_CC_N	2	66.258	0	66.682	Net is Hidden
True	HPC_LA00_CC_P	2	66.258	0	66.682	Net is Hidden
True	HPC_LA01_CC_N	2	50.785	0	50.805	Net is Hidden
True	HPC_LA01_CC_P	2	50.785	0	50.785	Net is Hidden
True	HPC_LA02_N	2	80.537	0	80.552	Net is Hidden
True	HPC_LA02_P	2	80.537	0	80.544	Net is Hidden
True	HPC_LA03_N	2	59.908	0	59.908	Net is Hidden
True	HPC_LA03_P	2	59.908	0	59.915	Net is Hidden
True	HPC_LA04_N	2	88.968	0	88.968	Net is Hidden
True	HPC_LA04_P	2	88.968	0	88.996	Net is Hidden
True	HPC_LA05_N	2	58.486	0	58.488	Net is Hidden
True	HPC_LA05_P	2	58.486	0	58.486	Net is Hidden
True	HPC_LA07_N	2	102.592	0	102.592	Net is Hidden
True	HPC_LA07_P	2	102.592	0	102.592	Net is Hidden
True	HPC_LA08_N	2	60.135	0	60.135	Net is Hidden
True	HPC_LA08_P	2	60.135	0	60.135	Net is Hidden
True	HPC_LA09_N	2	54.595	0	55.029	Net is Hidden
True	HPC_LA09_P	2	54.621	0	55.132	Net is Hidden
True	HPC_LA10_N	2	53.022	0	53.022	Net is Hidden
True	HPC_LA10_P	2	53.022	0	53.022	Net is Hidden
True	HPC_LA11_N	2	129.678	0	129.669	Net is Hidden
True	HPC_LA11_P	2	129.654	0	129.644	Net is Hidden
True	HPC_LA12_N	2	57.733	0	57.733	Net is Hidden
True	HPC_LA12_P	2	57.733	0	57.722	Net is Hidden
True	HPC_LA13_N	2	57.686	0	58.099	Net is Hidden
True	HPC_LA13_P	2	57.686	0	58.014	Net is Hidden
True	HPC_LA14_N	2	64.21	0	64.21	Net is Hidden
True	HPC_LA14_P	2	64.21	0	64.199	Net is Hidden
True	HPC_LA15_N	2	119.65	0	119.65	Net is Hidden
True	HPC_LA15_P	2	119.65	0	119.65	Net is Hidden
True	HPC_LA16_N	2	63.622	0	63.612	Net is Hidden
True	HPC_LA16_P	2	63.622	0	63.613	Net is Hidden

True	HPC_LA17_CC_N	2	69.21	0	69.21	Net is Hidden
True	HPC_LA17_CC_P	2	69.21	0	69.213	Net is Hidden
True	HPC_LA18_CC_N	2	69.586	0	69.586	Net is Hidden
True	HPC_LA18_CC_P	2	69.963	0	69.963	Net is Hidden
True	HPC_LA19_N	2	88.796	0	88.799	Net is Hidden
True	HPC_LA19_P	2	88.796	0	88.796	Net is Hidden
True	HPC_LA20_N	2	85.793	0	85.793	Net is Hidden
True	HPC_LA20_P	2	85.832	0	85.832	Net is Hidden
True	HPC_LA21_N	2	117.228	0	117.228	Net is Hidden
True	HPC_LA21_P	2	117.228	0	117.228	Net is Hidden
True	HPC_LA22_N	2	100.093	0	100.093	Net is Hidden
True	HPC_LA22_P	2	100.103	0	100.103	Net is Hidden
True	HPC_LA23_N	2	76.409	0	76.748	Net is Hidden
True	HPC_LA23_P	2	76.409	0	76.832	Net is Hidden
True	HPC_LA24_N	2	69.463	0	69.453	Net is Hidden
True	HPC_LA24_P	2	69.463	0	69.463	Net is Hidden
True	HPC_LA25_N	2	129.485	0	129.485	Net is Hidden
True	HPC_LA25_P	2	129.485	0	129.485	Net is Hidden
True	HPC_LA26_N	2	67.092	0	67.092	Net is Hidden
True	HPC_LA26_P	2	67.079	0	67.075	Net is Hidden
True	HPC_LA27_N	2	65.854	0	66.277	Net is Hidden
True	HPC_LA27_P	2	65.854	0	66.642	Net is Hidden
True	HPC_LA28_N	2	67.344	0	67.344	Net is Hidden
True	HPC_LA28_P	2	67.345	0	67.345	Net is Hidden
True	HPC_LA29_N	2	68.023	0	68.023	Net is Hidden
True	HPC_LA29_P	2	68.023	0	68.023	Net is Hidden
True	HPC_LA30_N	2	71.837	0	71.837	Net is Hidden
True	HPC_LA30_P	2	71.826	0	71.826	Net is Hidden
True	HPC_LA31_N	2	67.94	0	67.94	Net is Hidden
True	HPC_LA31_P	2	67.929	0	67.929	Net is Hidden
True	HPC_LA32_N	2	80.186	0	80.186	Net is Hidden
True	HPC_LA32_P	2	80.202	0	80.202	Net is Hidden
True	HPC_LA33_N	2	79.976	0	79.976	Net is Hidden
True	HPC_LA33_P	2	80.016	0	80.016	Net is Hidden
True	HSPC_CLK0_M2C_N	2	73.702	0	73.723	Net is Hidden
True	HSPC_CLK0_M2C_P	2	73.718	0	73.741	Net is Hidden
True	HSPC_CLK1_M2C_N	2	73.686	0	73.707	Net is Hidden
True	HSPC_CLK1_M2C_P	2	73.686	0	73.707	Net is Hidden
True	HSPC_CLK2_BIDIR_N	2	73.685	0	73.706	Net is Hidden
True	HSPC_CLK2_BIDIR_P	2	73.686	0	73.707	Net is Hidden
True	HSPC_CLK3_BIDIR_N	2	73.686	0	73.707	Net is Hidden
True	HSPC_CLK3_BIDIR_P	2	73.686	0	73.707	Net is Hidden
True	HSPC_DP0_C2M_N	2	97.905	0	97.917	Net is Hidden
True	HSPC_DP0_C2M_P	2	97.924	0	97.945	Net is Hidden
True	HSPC_DP0_M2C_N	2	74.821	0	74.821	Net is Hidden
True	HSPC_DP0_M2C_P	2	74.821	0	74.821	Net is Hidden
True	HSPC_DP1_C2M_N	2	97.905	0	97.93	Net is Hidden
True	HSPC_DP1_C2M_P	2	97.905	0	97.926	Net is Hidden
True	HSPC_DP1_M2C_N	2	74.821	0	74.903	Net is Hidden
True	HSPC_DP1_M2C_P	2	74.821	0	74.917	Net is Hidden
True	HSPC_DP2_C2M_N	2	97.905	0	97.926	Net is Hidden
True	HSPC_DP2_C2M_P	2	97.905	0	97.926	Net is Hidden
True	HSPC_DP2_M2C_N	2	74.824	0	74.845	Net is Hidden
True	HSPC_DP2_M2C_P	2	74.824	0	74.845	Net is Hidden
True	HSPC_DP3_C2M_N	2	97.901	0	97.922	Net is Hidden
True	HSPC_DP3_C2M_P	2	97.902	0	97.923	Net is Hidden
True	HSPC_DP3_M2C_N	2	74.814	0	74.938	Net is Hidden
True	HSPC_DP3_M2C_P	2	74.824	0	74.85	Net is Hidden
True	HSPC_DP4_C2M_N	2	47.963	0	47.984	Net is Hidden
True	HSPC_DP4_C2M_P	2	47.938	0	47.959	Net is Hidden

True	HSPC_DP4_M2C_N	2	55.796	0	55.818	Net is Hidden
True	HSPC_DP4_M2C_P	2	55.796	0	55.818	Net is Hidden
True	HSPC_DP5_C2M_N	2	48.211	0	48.233	Net is Hidden
True	HSPC_DP5_C2M_P	2	48.211	0	48.233	Net is Hidden
True	HSPC_DP5_M2C_N	2	55.737	0	55.769	Net is Hidden
True	HSPC_DP5_M2C_P	2	55.737	0	55.762	Net is Hidden
True	HSPC_DP6_C2M_N	2	48.042	0	48.063	Net is Hidden
True	HSPC_DP6_C2M_P	2	48.066	0	48.087	Net is Hidden
True	HSPC_DP6_M2C_N	2	55.704	0	55.87	Net is Hidden
True	HSPC_DP6_M2C_P	2	55.704	0	55.786	Net is Hidden
True	HSPC_DP7_C2M_N	2	48.135	0	48.157	Net is Hidden
True	HSPC_DP7_C2M_P	2	48.135	0	48.157	Net is Hidden
True	HSPC_DP7_M2C_N	2	55.693	0	55.715	Net is Hidden
True	HSPC_DP7_M2C_P	2	55.717	0	55.739	Net is Hidden
True	HSPC_DP8_C2M_N	2	56.956	0	56.977	Net is Hidden
True	HSPC_DP8_C2M_P	2	56.956	0	56.977	Net is Hidden
True	HSPC_DP8_M2C_N	2	56.897	0	56.919	Net is Hidden
True	HSPC_DP8_M2C_P	2	56.897	0	56.919	Net is Hidden
True	HSPC_DP9_C2M_N	2	56.951	0	56.972	Net is Hidden
True	HSPC_DP9_C2M_P	2	56.951	0	56.972	Net is Hidden
True	HSPC_DP9_M2C_N	2	56.896	0	56.917	Net is Hidden
True	HSPC_DP9_M2C_P	2	56.896	0	56.917	Net is Hidden
True	HSPC_DP10_C2M_N	2	56.85	0	56.872	Net is Hidden
True	HSPC_DP10_C2M_P	2	56.85	0	56.872	Net is Hidden
True	HSPC_DP10_M2C_N	2	56.943	0	56.946	Net is Hidden
True	HSPC_DP10_M2C_P	2	56.909	0	56.912	Net is Hidden
True	HSPC_DP11_C2M_N	2	56.85	0	56.922	Net is Hidden
True	HSPC_DP11_C2M_P	2	56.85	0	56.922	Net is Hidden
True	HSPC_DP11_M2C_N	2	56.884	0	56.906	Net is Hidden
True	HSPC_DP11_M2C_P	2	56.884	0	56.906	Net is Hidden
True	HSPC_DP12_C2M_N	2	73.827	0	73.849	Net is Hidden
True	HSPC_DP12_C2M_P	2	73.857	0	73.878	Net is Hidden
True	HSPC_DP12_M2C_N	2	90.769	0	90.739	Net is Hidden
True	HSPC_DP12_M2C_P	2	90.751	0	90.784	Net is Hidden
True	HSPC_DP13_C2M_N	2	73.869	0	73.866	Net is Hidden
True	HSPC_DP13_C2M_P	2	73.869	0	73.86	Net is Hidden
True	HSPC_DP13_M2C_N	2	90.713	0	90.752	Net is Hidden
True	HSPC_DP13_M2C_P	2	90.739	0	90.784	Net is Hidden
True	HSPC_DP14_C2M_N	2	73.857	0	73.878	Net is Hidden
True	HSPC_DP14_C2M_P	2	73.857	0	73.878	Net is Hidden
True	HSPC_DP14_M2C_N	2	90.927	0	90.949	Net is Hidden
True	HSPC_DP14_M2C_P	2	90.927	0	90.949	Net is Hidden
True	HSPC_DP15_C2M_N	2	73.857	0	73.857	Net is Hidden
True	HSPC_DP15_C2M_P	2	73.857	0	73.857	Net is Hidden
True	HSPC_DP15_M2C_N	2	90.82	0	90.841	Net is Hidden
True	HSPC_DP15_M2C_P	2	90.821	0	90.843	Net is Hidden
True	HSPC_GBTCLK0_M2C_C_N	2	14.028	0	14.028	Net is Hidden
True	HSPC_GBTCLK0_M2C_C_P	2	14.028	0	14.028	Net is Hidden
True	HSPC_GBTCLK0_M2C_N	2	62.958	0	62.996	Net is Hidden
True	HSPC_GBTCLK0_M2C_P	2	62.962	0	63.027	Net is Hidden
True	HSPC_GBTCLK1_M2C_C_N	2	14.067	0	14.068	Net is Hidden
True	HSPC_GBTCLK1_M2C_C_P	2	14.067	0	14.067	Net is Hidden
True	HSPC_GBTCLK1_M2C_N	2	62.962	0	62.983	Net is Hidden
True	HSPC_GBTCLK1_M2C_P	2	62.962	0	62.983	Net is Hidden
True	HSPC_GBTCLK2_M2C_C_N	2	13.098	0	13.095	Net is Hidden
True	HSPC_GBTCLK2_M2C_C_P	2	13.098	0	13.115	Net is Hidden
True	HSPC_GBTCLK2_M2C_N	2	61.315	0	61.286	Net is Hidden
True	HSPC_GBTCLK2_M2C_P	2	61.3	0	61.271	Net is Hidden
True	HSPC_GBTCLK3_M2C_C_N	2	15.097	0	15.094	Net is Hidden
True	HSPC_GBTCLK3_M2C_C_P	2	15.097	0	15.115	Net is Hidden

True	HSPC_GBTCLK3_M2C_N	2	61.315	0	61.286	Net is Hidden
True	HSPC_GBTCLK3_M2C_P	2	61.315	0	62.175	Net is Hidden
True	HSPC_HA00_CC_N	2	69.794	0	69.815	Net is Hidden
True	HSPC_HA00_CC_P	2	69.794	0	69.815	Net is Hidden
True	HSPC_HA01_CC_N	2	63.822	0	63.844	Net is Hidden
True	HSPC_HA01_CC_P	2	63.824	0	63.851	Net is Hidden
True	HSPC_HA02_N	2	75.721	0	75.742	Net is Hidden
True	HSPC_HA02_P	2	75.721	0	75.742	Net is Hidden
True	HSPC_HA03_N	2	72.701	0	72.722	Net is Hidden
True	HSPC_HA03_P	2	72.701	0	72.891	Net is Hidden
True	HSPC_HA04_N	2	65.124	0	65.24	Net is Hidden
True	HSPC_HA04_P	2	65.124	0	65.145	Net is Hidden
True	HSPC_HA05_N	2	68.078	0	68.099	Net is Hidden
True	HSPC_HA05_P	2	68.078	0	68.099	Net is Hidden
True	HSPC_HA06_N	2	91.428	0	91.934	Net is Hidden
True	HSPC_HA06_P	2	91.428	0	91.934	Net is Hidden
True	HSPC_HA07_N	2	83.857	0	84.245	Net is Hidden
True	HSPC_HA07_P	2	83.857	0	83.878	Net is Hidden
True	HSPC_HA08_N	2	64.245	0	64.267	Net is Hidden
True	HSPC_HA08_P	2	64.245	0	64.256	Net is Hidden
True	HSPC_HA09_N	2	62.079	0	62.101	Net is Hidden
True	HSPC_HA09_P	2	62.079	0	62.101	Net is Hidden
True	HSPC_HA10_N	2	106.817	0	106.838	Net is Hidden
True	HSPC_HA10_P	2	106.817	0	106.838	Net is Hidden
True	HSPC_HA11_N	2	78.59	0	78.611	Net is Hidden
True	HSPC_HA11_P	2	78.59	0	78.611	Net is Hidden
True	HSPC_HA12_N	2	58.909	0	58.93	Net is Hidden
True	HSPC_HA12_P	2	58.909	0	58.93	Net is Hidden
True	HSPC_HA13_N	2	62.431	0	62.453	Net is Hidden
True	HSPC_HA13_P	2	62.431	0	62.453	Net is Hidden
True	HSPC_HA14_N	2	75.96	0	75.982	Net is Hidden
True	HSPC_HA14_P	2	75.96	0	75.982	Net is Hidden
True	HSPC_HA15_N	2	62.135	0	62.156	Net is Hidden
True	HSPC_HA15_P	2	62.135	0	62.156	Net is Hidden
True	HSPC_HA16_N	2	59.544	0	59.565	Net is Hidden
True	HSPC_HA16_P	2	59.544	0	59.565	Net is Hidden
True	HSPC_HA17_CC_N	2	118.454	0	118.476	Net is Hidden
True	HSPC_HA17_CC_P	2	118.46	0	118.484	Net is Hidden
True	HSPC_HA18_N	2	112.991	0	113.015	Net is Hidden
True	HSPC_HA18_P	2	112.991	0	113.012	Net is Hidden
True	HSPC_HA19_N	2	60.096	0	60.096	Net is Hidden
True	HSPC_HA19_P	2	60.096	0	60.096	Net is Hidden
True	HSPC_HA20_N	2	61.178	0	61.2	Net is Hidden
True	HSPC_HA20_P	2	61.178	0	61.2	Net is Hidden
True	HSPC_HA21_N	2	98.12	0	98.136	Net is Hidden
True	HSPC_HA21_P	2	98.077	0	98.104	Net is Hidden
True	HSPC_HA22_N	2	76.247	0	76.269	Net is Hidden
True	HSPC_HA22_P	2	76.247	0	76.269	Net is Hidden
True	HSPC_HA23_N	2	86.543	0	86.567	Net is Hidden
True	HSPC_HA23_P	2	86.543	0	86.564	Net is Hidden
True	HSPC_HB00_CC_N	2	67.838	0	68.053	Net is Hidden
True	HSPC_HB00_CC_P	2	67.832	0	67.916	Net is Hidden
True	HSPC_HB01_N	2	58.447	0	58.468	Net is Hidden
True	HSPC_HB01_P	2	58.457	0	58.479	Net is Hidden
True	HSPC_HB02_N	2	54.26	0	54.281	Net is Hidden
True	HSPC_HB02_P	2	54.271	0	54.292	Net is Hidden
True	HSPC_HB03_N	2	51.956	0	51.977	Net is Hidden
True	HSPC_HB03_P	2	51.945	0	51.966	Net is Hidden
True	HSPC_HB04_N	2	58.554	0	58.575	Net is Hidden
True	HSPC_HB04_P	2	57.536	0	57.558	Net is Hidden

True	HSPC_HB05_N	2	53.395	0	53.416	Net is Hidden
True	HSPC_HB05_P	2	53.425	0	53.446	Net is Hidden
True	HSPC_HB06_CC_N	2	75.789	0	75.81	Net is Hidden
True	HSPC_HB06_CC_P	2	75.789	0	75.81	Net is Hidden
True	HSPC_HB07_N	2	59.172	0	59.176	Net is Hidden
True	HSPC_HB07_P	2	59.183	0	59.197	Net is Hidden
True	HSPC_HB08_N	2	56.987	0	57.184	Net is Hidden
True	HSPC_HB08_P	2	57.006	0	57.028	Net is Hidden
True	HSPC_HB09_N	2	59.762	0	59.784	Net is Hidden
True	HSPC_HB09_P	2	59.762	0	59.784	Net is Hidden
True	HSPC_HB10_N	2	116.775	0	116.796	Net is Hidden
True	HSPC_HB10_P	2	116.775	0	116.787	Net is Hidden
True	HSPC_HB11_N	2	88.019	0	88.041	Net is Hidden
True	HSPC_HB11_P	2	88.019	0	88.041	Net is Hidden
True	HSPC_HB12_N	2	56.571	0	56.592	Net is Hidden
True	HSPC_HB12_P	2	56.56	0	56.581	Net is Hidden
True	HSPC_HB13_N	2	58.738	0	58.749	Net is Hidden
True	HSPC_HB13_P	2	58.727	0	58.749	Net is Hidden
True	HSPC_HB14_N	2	100.046	0	100.068	Net is Hidden
True	HSPC_HB14_P	2	100.046	0	100.057	Net is Hidden
True	HSPC_HB15_N	2	108.121	0	108.142	Net is Hidden
True	HSPC_HB15_P	2	108.121	0	108.142	Net is Hidden
True	HSPC_HB16_N	2	64.112	0	64.126	Net is Hidden
True	HSPC_HB16_P	2	64.112	0	64.134	Net is Hidden
True	HSPC_HB17_CC_N	2	72.84	0	73.581	Net is Hidden
True	HSPC_HB17_CC_P	2	72.84	0	72.861	Net is Hidden
True	HSPC_HB18_N	2	78.862	0	78.884	Net is Hidden
True	HSPC_HB18_P	2	78.841	0	78.863	Net is Hidden
True	HSPC_HB19_N	2	98.426	0	98.931	Net is Hidden
True	HSPC_HB19_P	2	98.426	0	98.931	Net is Hidden
True	HSPC_HB20_N	2	56.992	0	57.013	Net is Hidden
True	HSPC_HB20_P	2	56.992	0	57.013	Net is Hidden
True	HSPC_HB21_N	2	52.392	0	52.413	Net is Hidden
True	HSPC_HB21_P	2	52.392	0	52.413	Net is Hidden
True	HSPC_LA00_CC_N	2	61.837	0	61.858	Net is Hidden
True	HSPC_LA00_CC_P	2	61.847	0	61.869	Net is Hidden
True	HSPC_LA01_CC_N	2	47.658	0	47.68	Net is Hidden
True	HSPC_LA01_CC_P	2	47.648	0	47.669	Net is Hidden
True	HSPC_LA02_N	2	67.908	0	67.908	Net is Hidden
True	HSPC_LA02_P	2	67.919	0	67.919	Net is Hidden
True	HSPC_LA03_N	2	76.124	0	76.145	Net is Hidden
True	HSPC_LA03_P	2	76.121	0	76.142	Net is Hidden
True	HSPC_LA04_N	2	59.823	0	59.854	Net is Hidden
True	HSPC_LA04_P	2	59.812	0	59.843	Net is Hidden
True	HSPC_LA05_N	2	46.405	0	46.426	Net is Hidden
True	HSPC_LA05_P	2	46.416	0	46.437	Net is Hidden
True	HSPC_LA06_N	2	46.108	0	46.129	Net is Hidden
True	HSPC_LA06_P	2	46.111	0	46.132	Net is Hidden
True	HSPC_LA07_N	2	58.935	0	58.96	Net is Hidden
True	HSPC_LA07_P	2	58.928	0	59.014	Net is Hidden
True	HSPC_LA08_N	2	60.759	0	60.781	Net is Hidden
True	HSPC_LA08_P	2	60.738	0	60.76	Net is Hidden
True	HSPC_LA09_N	2	47.689	0	47.71	Net is Hidden
True	HSPC_LA09_P	2	47.693	0	47.714	Net is Hidden
True	HSPC_LA10_N	2	43.636	0	43.657	Net is Hidden
True	HSPC_LA10_P	2	43.625	0	43.647	Net is Hidden
True	HSPC_LA11_N	2	87.696	0	87.717	Net is Hidden
True	HSPC_LA11_P	2	87.696	0	87.717	Net is Hidden
True	HSPC_LA12_N	2	52.861	0	52.886	Net is Hidden
True	HSPC_LA12_P	2	52.861	0	52.882	Net is Hidden

True	HSPC_LA13_N	2	50.885	0	50.906	Net is Hidden
True	HSPC_LA13_P	2	50.955	0	50.977	Net is Hidden
True	HSPC_LA14_N	2	46.083	0	46.104	Net is Hidden
True	HSPC_LA14_P	2	46.08	0	46.102	Net is Hidden
True	HSPC_LA15_N	2	60.53	0	60.987	Net is Hidden
True	HSPC_LA15_P	2	60.53	0	60.551	Net is Hidden
True	HSPC_LA16_N	2	52.194	0	52.215	Net is Hidden
True	HSPC_LA16_P	2	52.184	0	52.205	Net is Hidden
True	HSPC_LA17_CC_N	2	99.862	0	99.883	Net is Hidden
True	HSPC_LA17_CC_P	2	99.857	0	99.878	Net is Hidden
True	HSPC_LA18_CC_N	2	97.079	0	97.076	Net is Hidden
True	HSPC_LA18_CC_P	2	97.03	0	97.043	Net is Hidden
True	HSPC_LA19_N	2	113.343	0	113.364	Net is Hidden
True	HSPC_LA19_P	2	113.339	0	113.361	Net is Hidden
True	HSPC_LA20_N	2	108.17	0	108.191	Net is Hidden
True	HSPC_LA20_P	2	108.18	0	108.202	Net is Hidden
True	HSPC_LA21_N	2	128.498	0	128.519	Net is Hidden
True	HSPC_LA21_P	2	128.508	0	128.53	Net is Hidden
True	HSPC_LA22_N	2	127.391	0	127.412	Net is Hidden
True	HSPC_LA22_P	2	127.374	0	127.396	Net is Hidden
True	HSPC_LA23_N	2	99.526	0	99.547	Net is Hidden
True	HSPC_LA23_P	2	99.494	0	99.626	Net is Hidden
True	HSPC_LA24_N	2	106.357	0	106.371	Net is Hidden
True	HSPC_LA24_P	2	106.357	0	106.379	Net is Hidden
True	HSPC_LA25_N	2	100.95	0	101.54	Net is Hidden
True	HSPC_LA25_P	2	100.95	0	101.459	Net is Hidden
True	HSPC_LA26_N	2	97.769	0	97.79	Net is Hidden
True	HSPC_LA26_P	2	97.769	0	97.79	Net is Hidden
True	HSPC_LA27_N	2	98.094	0	98.116	Net is Hidden
True	HSPC_LA27_P	2	98.147	0	98.168	Net is Hidden
True	HSPC_LA28_N	2	120.046	0	120.058	Net is Hidden
True	HSPC_LA28_P	2	119.978	0	120.021	Net is Hidden
True	HSPC_LA29_N	2	137.866	0	137.887	Net is Hidden
True	HSPC_LA29_P	2	137.866	0	137.889	Net is Hidden
True	HSPC_LA30_N	2	102.248	0	102.27	Net is Hidden
True	HSPC_LA30_P	2	102.217	0	102.238	Net is Hidden
True	HSPC_LA31_N	2	113.169	0	113.169	Net is Hidden
True	HSPC_LA31_P	2	113.171	0	113.171	Net is Hidden
True	HSPC_LA32_N	2	102.246	0	102.267	Net is Hidden
True	HSPC_LA32_P	2	102.246	0	102.267	Net is Hidden
True	HSPC_LA33_N	2	90.078	0	90.099	Net is Hidden
True	HSPC_LA33_P	2	90.046	0	90.067	Net is Hidden
True	HSPC_REFCLK_C2M_N	2	73.859	0	73.88	Net is Hidden
True	HSPC_REFCLK_C2M_P	2	73.876	0	73.898	Net is Hidden
True	HSPC_REFCLK_M2C_N	2	73.67	0	73.691	Net is Hidden
True	HSPC_REFCLK_M2C_P	2	73.67	0	73.681	Net is Hidden
True	HSPC_SYNC_C2M_N	2	73.654	0	73.675	Net is Hidden
True	HSPC_SYNC_C2M_P	2	73.654	0	73.665	Net is Hidden
True	HSPC_SYNC_M2C_N	2	73.67	0	74.115	Net is Hidden
True	HSPC_SYNC_M2C_P	2	73.67	0	74.115	Net is Hidden
True	M.2_CLK_N	2	1.633	0	1.687	Net is Hidden
True	M.2_CLK_P	2	1.664	0	1.718	Net is Hidden
True	M.2_REFCLK_N	3	0	0	55.885	Net is Hidden
True	M.2_REFCLK_P	3	0	0	55.854	Net is Hidden
True	M.2_RX0_N	2	78.29	0	78.232	Net is Hidden
True	M.2_RX0_P	2	78.29	0	78.366	Net is Hidden
True	M.2_RX1_N	2	78.29	0	78.212	Net is Hidden
True	M.2_RX1_P	2	78.29	0	78.208	Net is Hidden
True	M.2_RX2_N	2	78.29	0	78.29	Net is Hidden
True	M.2_RX2_P	2	78.29	0	78.29	Net is Hidden

True	M.2_RX3_N	2	78.29	0	78.335	Net is Hidden
True	M.2_RX3_P	2	78.273	0	78.32	Net is Hidden
True	M.2_TX0_N	2	78.625	0	78.642	Net is Hidden
True	M.2_TX0_P	2	78.625	0	78.642	Net is Hidden
True	M.2_TX1_N	2	78.565	0	78.582	Net is Hidden
True	M.2_TX1_P	2	78.556	0	78.574	Net is Hidden
True	M.2_TX2_N	2	78.584	0	78.602	Net is Hidden
True	M.2_TX2_P	2	78.584	0	78.602	Net is Hidden
True	M.2_TX3_N	2	78.565	0	78.582	Net is Hidden
True	M.2_TX3_P	2	78.565	0	78.582	Net is Hidden
True	M2_TX0_N	2	2.311	0	2.311	Net is Hidden
True	M2_TX0_P	2	2.317	0	2.317	Net is Hidden
True	M2_TX1_N	2	2.305	0	2.305	Net is Hidden
True	M2_TX1_P	2	2.297	0	2.297	Net is Hidden
True	M2_TX2_N	2	2.324	0	2.324	Net is Hidden
True	M2_TX2_P	2	2.33	0	2.33	Net is Hidden
True	M2_TX3_N	2	2.352	0	2.352	Net is Hidden
True	M2_TX3_P	2	2.363	0	2.363	Net is Hidden
True	REFCLK_127_N	3	0	0	67.223	Net is Hidden
True	REFCLK_127_P	3	0	0	67.224	Net is Hidden
True	REFCLK_224_N	3	0	0	20.619	Net is Hidden
True	REFCLK_224_P	3	0	0	20.561	Net is Hidden
True	REFCLK_225_N	3	0	0	36.122	Net is Hidden
True	REFCLK_225_P	3	0	0	36.122	Net is Hidden
True	REFCLK_228_N	3	0	0	36.122	Net is Hidden
True	REFCLK_228_P	3	0	0	51.479	Net is Hidden
True	SFP0_RX_N	2	116.867	0	117.122	Net is Hidden
True	SFP0_RX_P	2	116.867	0	117.122	Net is Hidden
True	SFP0_TX_N	2	114.735	0	114.752	Net is Hidden
True	SFP0_TX_P	2	114.735	0	114.752	Net is Hidden
True	SFP1_RX_N	2	116.795	0	116.541	Net is Hidden
True	SFP1_RX_P	2	116.795	0	116.546	Net is Hidden
True	SFP1_TX_N	2	114.807	0	115.061	Net is Hidden
True	SFP1_TX_P	2	114.807	0	115.061	Net is Hidden
True	SMA_CLK0_C_N	2	12.592	0	12.554	Net is Hidden
True	SMA_CLK0_C_P	2	12.592	0	12.554	Net is Hidden
True	SMA_CLK0_N	2	134.696	0	134.576	Net is Hidden
True	SMA_CLK0_P	2	133.68	0	133.748	Net is Hidden
True	SMA_RX0_C_N	2	4.865	0	4.86	Net is Hidden
True	SMA_RX0_C_P	2	4.67	0	4.665	Net is Hidden
True	SMA_RX0_N	2	135.424	0	135.428	Net is Hidden
True	SMA_RX0_P	2	135.424	0	135.431	Net is Hidden
True	SMA_RX1_C_N	2	4.842	0	4.86	Net is Hidden
True	SMA_RX1_C_P	2	4.647	0	4.665	Net is Hidden
True	SMA_RX1_N	2	135.426	0	135.427	Net is Hidden
True	SMA_RX1_P	2	135.426	0	135.429	Net is Hidden
True	SMA_TX0_N	2	137.593	0	137.598	Net is Hidden
True	SMA_TX0_P	2	137.593	0	137.598	Net is Hidden
True	SMA_TX1_N	2	137.673	0	137.673	Net is Hidden
True	SMA_TX1_P	2	137.673	0	137.673	Net is Hidden
True	SYS_REFCLK_N	5	0	0	14.622	Net is Hidden
True	SYS_REFCLK_P	5	0	0	14.622	Net is Hidden