Electrical Rules Check Report

Class	Document	Message
Fatal Error	003_Power.SchDoc	Conflicting Harness Definition for H1
Warning	201_USB3Hub.SchDoc	Global Power-Object +1V05 at 2700mil, 15100mil has been reduced to local level by
Warning	003_Power.SchDoc	presence of port at 1000mil,14400mil Global Power-Object +1V05 at 19500mil,14100mil has been reduced to local level by
Warning	301_USB3Framework.SchDoc	presence of port at 21000mil,13200mil Global Power-Object +3V3 at 1700mil,14100mil has been reduced to local level by presence
Warning	201_USB3Hub.SchDoc	of port at 1000mil, 14000mil Global Power-Object +3V3 at 2400mil, 15100mil has been reduced to local level by presence
Warning	003_Power.SchDoc	of port at 1000mil,14600mil Global Power-Object +3V3 at 19800mil,14100mil has been reduced to local level by
Warning	101_RPiCM4.SchDoc	presence of port at 21000mil,13400mil Global Power-Object +5VR at 1600mil,14100mil has been reduced to local level by presence
Warning	201_USB3Hub.SchDoc	of port at 1000mil,14000mil Global Power-Object +5VR at 2100mil,15100mil has been reduced to local level by presence
Warning	003_Power.SchDoc	of port at 1000mil,14800mil Global Power-Object +5VR at 20400mil,14100mil has been reduced to local level by
Warning	003_Power.SchDoc	presence of port at 21000mil,13800mil Global Power-Object GND at 17200mil,700mil has been reduced to local level by presence of port at 16600mil,800mil
Warning	201_USB3Hub.SchDoc	Global Power-Object GND at 17200mil,700mil has been reduced to local level by presence of port at 16600mil.800mil
Warning	301_USB3Framework.SchDoc	Global Power-Object GND at 17200mil,700mil has been reduced to local level by presence of port at 16600mil.800mil
Warning	101_RPiCM4.SchDoc	Global Power-Object GND at 17200mil,700mil has been reduced to local level by presence of port at 16600mil,800mil
Warning	201_USB3Hub.SchDoc	Global Power-Object VPWR at 1800mil,15100mil has been reduced to local level by presence of port at 1000mil,15000mil
Warning	003_Power.SchDoc	Global Power-Object VPWR at 20700mil,14100mil has been reduced to local level by presence of port at 21000mil,14000mil
Warning	201_USB3Hub.SchDoc	Multiple Harness Types on harness, H0
Warning	201_USB3Hub.SchDoc	Multiple Harness Types on harness, H1
Warning	201_USB3Hub.SchDoc	Multiple Harness Types on harness, H2
Warning	301_USB3Framework.SchDoc	Multiple Harness Types on harness, HF0
Warning	301_USB3Framework.SchDoc	Multiple Harness Types on harness, HF1
Warning	201_USB3Hub.SchDoc	Multiple Harness Types on harness, HG
Warning	101_RPiCM4.SchDoc	Net CK_N has no driving source (Pin CO103-12, Pin MO102-190)
Warning	101_RPiCM4.SchDoc	Net CK_P has no driving source (Pin CO103-10, Pin MO102-188)
Warning	101_RPiCM4.SchDoc	Net HDMI_SCL has no driving source (Pin CO103-15, Pin MO102-200)
Warning	101_RPiCM4.SchDoc	Net NPI_LED_PWR has no driving source (Pin IC 102-2, Pin MO101-95)
Warning	001_OverViewTower1.SchDoc	Nets Wire F0_SEL has multiple names (Net Label F0_SEL (4), Sheet Entry USB3 Hub-USBF0.USBF0_SEL(Passive), Sheet Entry USB-C
\A/	001 O	Framework-USBF0_USBF0_SEL(Passive)) Nets Wire F1_SEL has multiple names (Net Label F1_SEL (4), Sheet Entry USB3
Warning	001_OverViewTower1.SchDoc	Hub-USBF1.USBF1_SEL(Passive), Sheet Entry USB-C
Morning	001 OverNiewTower1 Cab Dag	Framework-USBE1_USBE1_SEL(Passive)) Nets Wire GND has multiple names (Power Object GND (128), Power Object SHD (6), Sheet
Warning	001_OverViewTower1.SchDoc	Entry Power-GND(Passive), Sheet Entry Raspberry Pi Compute Module 4-GND(Passive),
Warning	001_OverViewTower1.SchDoc	Sheet Entry USB3 Hub-GND(Passive), Sheet Entry USB-C Framework-GND(Passive)) Nets Wire 12C_IRQ_F0 has multiple names (Net Label 12C_IRQ_F0 (4), Sheet Entry
		Power-Control.USBF0_IRQ(Passive), Sheet Entry Raspberry Pi Compute Module 4-Control.USBF0_IRQ(Passive), Sheet Entry USB3 Hub-Control.USBF0_IRQ(Passive))
Warning	001_OverViewTower1.SchDoc	Nets Wire I2C_IRQ_F1 has multiple names (Net Label I2C_IRQ_F1 (4), Sheet Entry Power-Control.USBF1_IRQ(Passive), Sheet Entry Raspberry Pi Compute Module
Warning	001_OverViewTower1.SchDoc	4-Control USBF1_IRQ(Passive), Sheet Entry USB3 Hub-Control USBF1_IRQ(Passive)) Nets Wire I2C_SCL has multiple names (Net Label I2C_SCL (7), Sheet Entry
rvaning	001_07 GIVIEW 10WEH.36HDUC	Power-Control.SCL(Passive), Sheet Entry Raspberry Pi Compute Module
Warning	001_OverViewTower1.SchDoc	4-Control SCL (Passive), Sheet Entry USB3 Hub-Control SCL (Passive)) Nets Wire I2C_SDA has multiple names (Net Label I2C_SDA (7), Sheet Entry
		Power-Control.SDA(Passive), Sheet Entry Raspberry Pi Compute Module
Marnina	001 OverViewTower1 Cab Da-	4-Control SDA(Passive), Sheet Entry USB3 Hub-Control SDA(Passive))
Warning	001_OverViewTower1.SchDoc	Nets Wire PCIE_CLK_N has multiple names (Net Label PCIE_CLK_N (4), Sheet Entry

Class	Document	Message
		Raspberry Pi Compute Module 4-PCIE.PCIE_CLK_N(Passive), Sheet Entry USB3
Warning	001_OverViewTower1.SchDoc	Hub-PCIE.PCIE_CLK_N(Passive)) Nets Wire PCIE_CLK_NREQ has multiple names (Net Label PCIE_CLK_NREQ (4), Sheet
, varing		Entry Raspberry Pi Compute Module 4-PCIE.PCIE_CLK_NREQ(Passive), Sheet Entry
Marning	001_OverViewTower1.SchDoc	USB3 Note Wire DCIE CLV D has multiple pames (Not Label DCIE CLV D (A) Shoot Entry
Warning	001_Overview fower i.Scriboc	Nels Wire PCIE CLK, P. has multiple pames (Net Label PCIE_CLK_P (4), Sheet Entry Raspberry Pi Compute Module 4-PCIE.PCIE_CLK_P(Passive), Sheet Entry USB3
		Hub-PCIE_PCIE_CLK_P(Passive)) Nets Wire PCIe_NRSThas multiple names (Net Label PCIe_NRST (4), Sheet Entry
Warning	001_OverViewTower1.SchDoc	Nets Wire PCIe_NRST has multiple names (Net Label PCIe_NRST (4), Sheet Entry Raspberry Pi Compute Module 4-PCIE.PCIE_NRST(Passive), Sheet Entry USB3
		Hub-PCIF PCIF NRST(Passive))
Warning	001_OverViewTower1.SchDoc	Nets Wire PCIE_RX_N has multiple names (Net Label PCIE_RX_N (4), Sheet Entry
		Raspberry Pi Compute Module 4-PCIE.PCIE_RX_N(Passive), Sheet Entry USB3 Hub-PCIE.PCIE_RX_N(Passive))
Warning	001_OverViewTower1.SchDoc	Nets Wire PCIE_RX_P has multiple names (Net Label PCIE_RX_P (4), Sheet Entry
		Raspberry Pi Compute Module 4-PCIE.PCIE_RX_P(Passive), Sheet Entry USB3
Warning	001_OverViewTower1.SchDoc	Hub-PCIE_PCIE_RX_P(Passive)) Nets Wire PCIE_TX_N has multiple names (Net Label PCIE_TX_N (4), Sheet Entry
		Raspberry Pi Compute Module 4-PCIE.PCIE_TX_N (Passive), Sheet Entry USB3
Warning	001 OverViewTower1.SchDoc	Hub-PCIE_PCIE_TX_N(Passive)) Nets Wire PCIE_TX_P has multiple names (Net Label PCIE_TX_P (4), Sheet Entry
VVaring	001_0 varview fowar i.ocii.boc	Raspberry Pi Compute Module 4-PCIE.PCIE_TX_P(Passive), Sheet Entry USB3
Warning	001 OverViewTower1.SchDoc	Hub-PCIE_PCIE_TX_P(Passive)) Nets Wire USB0_N has multiple names (Net Label USB0_N (5), Sheet Entry
Waltillig	001_Overview fower i.Scriboc	Power-USB0.USB0_N(Passive), Sheet Entry USB3 Hub-USB0.USB0_N(Passive))
Warning	001_OverViewTower1.SchDoc	Nets Wire USB0_P has multiple names (Net Label USB0_P (5), Sheet Entry
Warning	001_OverViewTower1.SchDoc	Power-USB0.USB0_P(Passive). Sheet Entry_USB3 Hub-USB0.USB0_P(Passive)) Nets Wire USB0_RX_N has multiple names (Net Label USB0_RX_N (5), Sheet Entry
Vvairing	001_0 valview fowal i. Scribbe	Power-USB0.USB0 RX N(Passive), Sheet Entry USB3 Hub-USB0.USB0 RX N(Passive))
Warning	001_OverViewTower1.SchDoc	Nets Wire USB0_RX_P has multiple names (Net Label USB0_RX_P (5), Sheet Entry
Warning	001_OverViewTower1.SchDoc	Power-USB0.USB0 RX P(Passive), Sheet Entry USB3 Hub-USB0.USB0 RX P(Passive)) Nets Wire USB0_TX_N has multiple names (Net Label USB0_TX_N (5), Sheet Entry
		Power-USB0.USB0 TX N(Passive), Sheet Entry USB3 Hub-USB0.USB0 TX N(Passive))
Warning	001_OverViewTower1.SchDoc	Nets Wire USB0_TX_P has multiple names (Net Label USB0_TX_P (5), Sheet Entry Power-USB0.USB0 TX P(Passive), Sheet Entry USB3 Hub-USB0.USB0 TX P(Passive))
Warning	001_OverViewTower1.SchDoc	Nets Wire USB_RESET has multiple names (Net Label USB_RESET (3), Sheet Entry
		Power-Control.USB_RESET(Passive), Sheet Entry Raspberry Pi Compute Module
Warning	001_OverViewTower1.SchDoc	4-Control.USB_RESET(Passive), Sheet Entry USB3 Hub-Control.USB_RESET(Passive)) Nets Wire USBF0_5V has multiple names (Net Label USBF0_5V (5), Sheet Entry USB3
		Hub-USBF0.USBF0_5V(Passive), Sheet Entry USB-C
Warning	001_OverViewTower1.SchDoc	Framework-USBF0_USBF0_5V(Passive)) Nets Wire USBF0_CC1 has multiple names (Net Label USBF0_CC1 (4), Sheet Entry USB3
VVairing	001_0 valview fowal i. Scribbe	Hub-USBF0.USBF0_CC(Passive), Sheet Entry USB-C
Morring	001 Overlieu-Tevert Cab Dee	Framework-USBF0_USBF0_CC(Passive)) Nets Wire USBF0_CC2 has multiple names (Net Label USBF0_CC2 (4), Sheet Entry USB3
Warning	001_OverViewTower1.SchDoc	Hub-USBF0.USBF0_SBU(Passive), Sheet Entry USB-C
		Framework-USBF0_USBF0_SBU(Passive)) Nets Wire USBF0_GPI01 has multiple names (Net Label USBF0_GPI01, Sheet Entry
Warning	001_OverViewTower1.SchDoc	the state of the s
		Power-Control.USBF0_GPIO1(Passive), Sheet Entry Raspberry Pi Compute Module 4-Control.USBF0_GPIO1(Passive), Sheet Entry USB3
Warning	001_OverViewTower1.SchDoc	Nets Wire USBFO_GPIO2 has multiple names (Net Label USBFO_GPIO2, Sheet Entry
		Power-Control.USBF0_GPIO2(Passive), Sheet Entry Raspberry Pi Compute Module
Warning	001_OverViewTower1.SchDoc	4-Control USBF0_GPIO2(Passive), Sheet Entry USB3 Hels Wire USBF0 Last multiple sames (Net Label USBF0_N (6), Sheet Entry USB3 Hub-USBF0.USBF0_N(Passive), Sheet Entry USB-C
Warning	001_OverViewTower1.SchDoc	Framework-USBF0_USBF0_N(Passive)) Nets Wire USBF0_P has multiple names (Net Label USBF0_P (6), Sheet Entry USB3
		Hub-USBF0.USBF0_P(Passive), Sheet Entry USB-C
Warning	001_OverViewTower1.SchDoc	Framework-USBF0_USBF0_P(Passive)) Nets Wire USBF0_RX_N has multiple names (Net Label USBF0_RX_N (5), Sheet Entry
, vvairing		USB3 Hub-USBF0.USBF0_RX_N(Passive), Sheet Entry USB-C
Morning	001 Overlieu-Tower Cakb	Framework-USBF0.USBF0_RX_N(Passive)) Nets Wire USBF0_RX_P has multiple names (Net Label USBF0_RX_P (5), Sheet Entry
Warning	001_OverViewTower1.SchDoc	Neis wire USBFU_KX_P has muliple hames (Net Label USBFU_KX_P (5), Sheet Entry

Class	Document	Message
0.14 00	2 countries	USB3 Hub-USBF0.USBF0_RX_P(Passive), Sheet Entry USB-C
Warning	001_OverViewTower1.SchDoc	Framework-USBF0.USBF0_RX_P(Passive)) Nets Wire USBF0_TX_N has multiple names (Net Label USBF0_TX_N (5), Sheet Entry
	001_0 varview fowart.5chboc	USB3 Hub-USBF0.USBF0_TX_N(Passive), Sheet Entry USB-C
		Framework-USBF0.USBF0 TX N(Passive))
Warning	001_OverViewTower1.SchDoc	Nets Wire USBF0_TX_P has multiple names (Net Label USBF0_TX_P (5), Sheet Entry
		USB3 Hub-USBF0.USBF0_TX_P(Passive), Sheet Entry USB-C
		Framework-USBF0_USBF0_TX_P(Passive)) Nets Wire USBF1_5V has multiple names (Net Label USBF1_5V (5), Sheet Entry USB3
Warning	001_OverViewTower1.SchDoc	
		Hub-USBF1.USBF1_5V(Passive), Sheet Entry USB-C
Warning	001_OverViewTower1.SchDoc	Framework-USBF1_USBF1_5V(Passive)) Nets Wire USBF1_CC1 has multiple names (Net Label USBF1_CC1 (4), Sheet Entry USB3
VVairing	001_0 va view 10wa 1.5chboc	Hub-USBF1.USBF1_CC(Passive), Sheet Entry USB-C
		Framework-USBF1.USBF1_CC(Passive))
Warning	001_OverViewTower1.SchDoc	Nets Wire USBF1_CC2 has multiple names (Net Label USBF1_CC2 (4), Sheet Entry USB3
	_	Hub-USBF1.USBF1_SBU(Passive), Sheet Entry USB-C
		Framework-USBF1_USBF1_SBU(Passive)) Nets Wire USBF1_GPI01 has multiple names (Net Label USBF1_GPI01, Sheet Entry
Warning	001_OverViewTower1.SchDoc	
		Power-Control.USBF1_GPIO1(Passive), Sheet Entry Raspberry Pi Compute Module
Warning	001_OverViewTower1.SchDoc	4-Control USBF1_GPIO1(Passive), Sheet Entry USB3 Nels Wire USBF1_GPIO2 has multiple names (Net Label USBF1_GPIO2, Sheet Entry Power-Control USBF1_GPIO2(Passive), Sheet Entry Raspberry Pi Compute Module
Waiting	001_Overview tower i.Scriboc	Neb Wille U Joseph Jan Module Indines (Net Laber U SDF I GP102, Sheet Entry Dever Control U SDF 1, CDIO/(Descive) Sheet Entry Deephorn Di Compute Medule
		4-Control.USBF1_GP102(Passive), Sheet Entry USB3
Warning	001_OverViewTower1.SchDoc	Nets-Control USBF1 GP102(Passive), Sheet Entry USB3 Nets-Control USBF1 Approximately Sheet Entry USB3
	_	Hub-USBF1.USBF1_N(Passive), Sheet Entry USB-C
		Framework-IISRF1 IISRF1 N(Passive))
Warning	001_OverViewTower1.SchDoc	Nets Wire USBF1_P has multiple names (Net Label USBF1_P (6), Sheet Entry USB3
		Hub-USBF1.USBF1_P(Passive), Sheet Entry USB-C
Morning	001 OverNiewTewer1 Cab Dag	Framework-USBF1 USBF1 P(Passive))
Warning	001_OverViewTower1.SchDoc	Nets Wire USBF1_RX_N has multiple names (Net Label USBF1_RX_N (5), Sheet Entry
		USB3 Hub-USBF1.USBF1_RX_N(Passive), Sheet Entry USB-C
Warning	001_OverViewTower1.SchDoc	Framework-USBF1_USBF1_RX_N(Passive)) Nets Wire USBF1_RX_P has multiple names (Net Label USBF1_RX_P (5), Sheet Entry
		USB3 Hub-USBF1_USBF1_RX_P(Passive), Sheet Entry USB-C
Warning	001_OverViewTower1.SchDoc	Framework-USBF1_USBF1_RX_P(Passive)) Nets Wire USBF1_TX_N has multiple names (Net Label USBF1_TX_N (5), Sheet Entry
		USB3 Hub-USBF1.USBF1_TX_N(Passive), Sheet Entry USB-C
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	001 O. ad Fau Tau ad Cal Da	Framework-USBF1_USBF1_TX_N(Passive))
Warning	001_OverViewTower1.SchDoc	Nets Wire USBF1_TX_P has multiple names" (Net Label USBF1_TX_P (5), Sheet Entry
		USB3 Hub-USBF1_USBF1_TX_P(Passive), Sheet Entry USB-C
Warning	001_OverViewTower1.SchDoc	Framework-USBF1_USBF1_TX_P(Passive)) Nets Wire USBG_N has multiple names (Net Label USBG_N (6), Sheet Entry
1.79	200.1	Power-USBG.USBG N(Passive), Sheet Entry USB3 Hub-USBG.USBG N(Passive))
Warning	001_OverViewTower1.SchDoc	Nets Wire USBG_P has multiple names (Net Label USBG_P (6), Sheet Entry
		Power-USBG.USBG_P(Passive), Sheet Entry USB3 Hub-USBG.USBG_P(Passive))
Warning	001_OverViewTower1.SchDoc	Nets Wire USBG_RX_N has multiple names (Net Label USBG_RX_N (5), Sheet Entry
Morning	001 Overlieu-Terrent Cabb	Power-USBG.USBG_RX_N(Passive), Sheet Entry_USB3
Warning	001_OverViewTower1.SchDoc	Nets Were & Specific Paragraphing names (Net Label USBG_RX_P (5), Sheet Entry
Warning	001_OverViewTower1.SchDoc	Power-USBG.USBG RX P(Passive), Sheet Entry USB3 Nells Wife USBG TX N bas skylling names (Net Label USBG_TX_N (5), Sheet Entry
I vvairing	001_0vGvIcW10WG1.3GHD0C	Power-USBG_TX_N(Passive), Sheet Entry USB3
Warning	001_OverViewTower1.SchDoc	POWER-USBG_USBG_IX_N(Passive), Sheet Entry USBS N 的 い い の い の い の い の い の い の い の い の い の
	222.2.2.2.000	Power-USBG.USBG TX P(Passive), Sheet Entry USB3
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Hub-USBG.USBG_TX_P(Passive))