

CFP2-QSFP28-CV

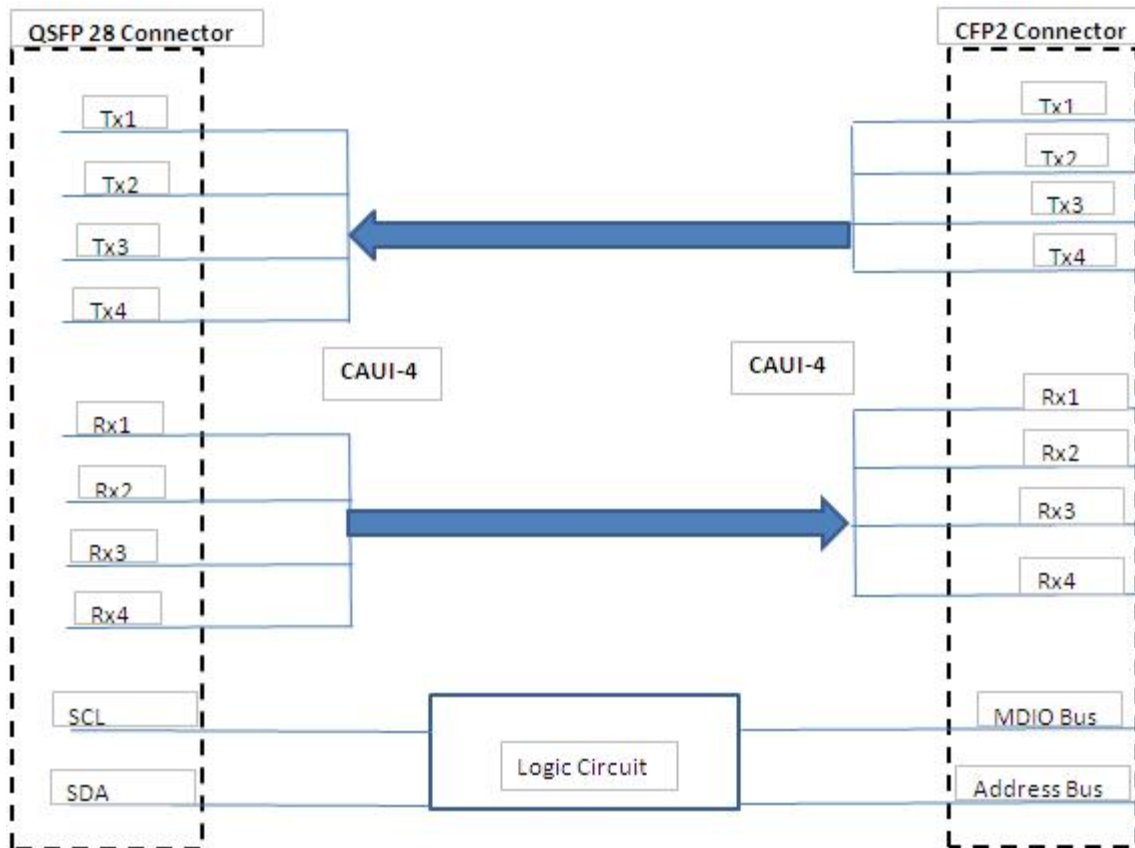
100G CFP2 to 100G QSFP28 Adaptor Module



General Information

Manufacturer Part Number	CFP2-QSFP28-CV
Product Name	100G CFP2 to 100G QSFP28 Converter
Product Type	Adaptor Module
Features	<ul style="list-style-type: none"> ❖ CAUI -4 Electrical Interface:4 Lanes @25.78Gbit/s for CFP2 port ❖ CAUI -4 Electrical Interface:4 Lanes @25.78Gbit/s for QSFP28 port ❖ Hot Pluggable ❖ MDIO, I2C Support ❖ Compliant to CFP2 MSA ❖ RoHS-6 compliant ❖ Case operating temperature: 0 to 70 °C ❖ The CFP2-QSFP28-CV Adaptor Module converts a 100 Gigabit CFP2 port into a 100 Gigabit QSFP28 port. With the Adaptor Module, customers have the flexibility to use the 100 Gigabit CFP2 interface port of a switch with CFP2 modules or QSFP28 modules.
I/O Expansions	
CFP2 Port	MDIO
QSFP28 Port	I2C
Physical Characteristics	
Form Factor	Internal
Dimensions	12.4mm x 41.5mm x 108.2 mm (HxWxD)

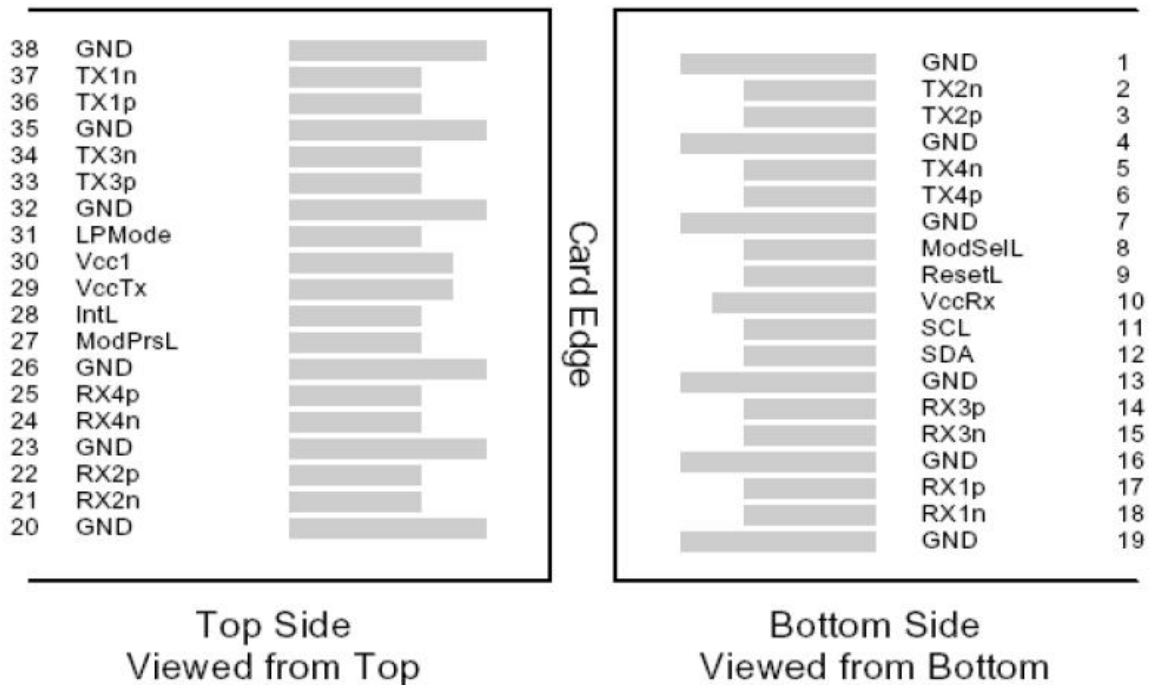
Block Diagram



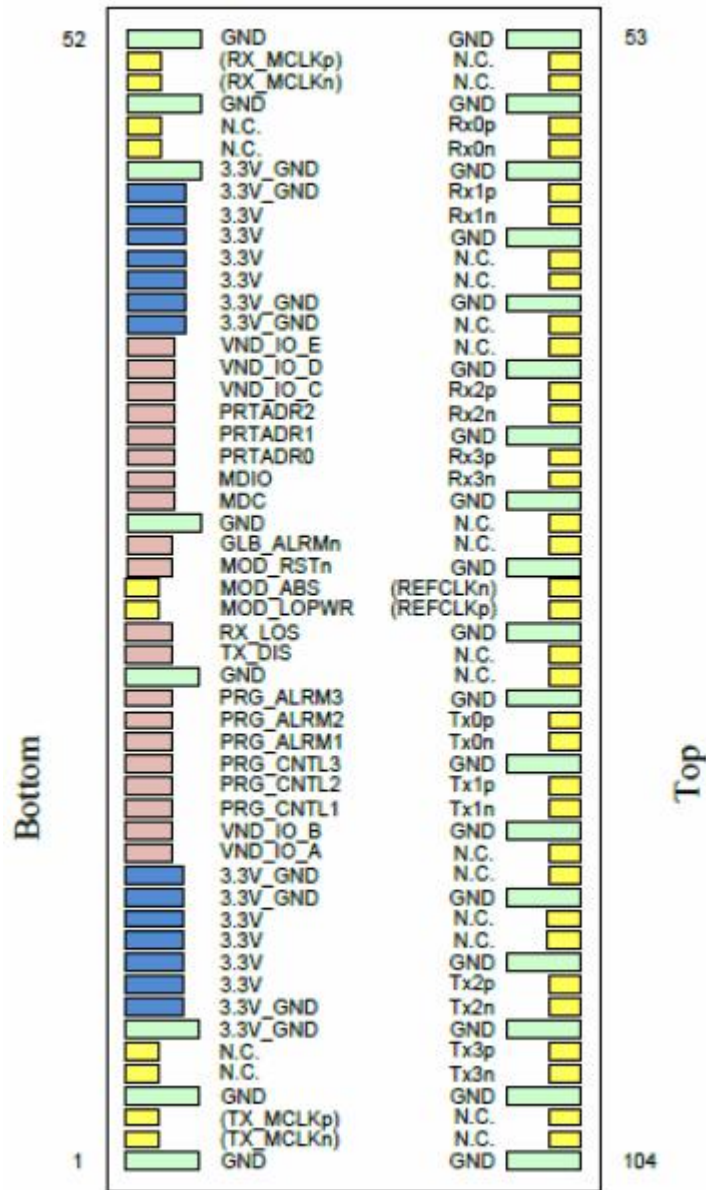
CAUI-4 Interface (QSFP28 Port & CFP2 Port)

CAUI Receiver Parameters	Symbol	Min	Typical	Max.	Unit	Note
Signal Rate Per Lane			25.78		Gb/s	
Differential Data Output Swing Per Lane	Vout,pp	CAUI-4 as defined by IEEE P802.3bm			mV	
Data Output Rise Time	tr				ps	
Data Output Fall Time	tf				ps	
CAUI Transmitter Parameters	Symbol	Min	Typical	Max	Unit	Note
Signal Rate Per Lane			25.78		Gb/s	
Input Differential Impedance	Rin	CAUI-4 as defined by IEEE P802.3bm			Ω	
Differential Data Input Swing Per Lane	Vin,pp				mV	
Data Input Rise Time Tolerance	tr				ps	
Data Input Fall Time Tolerance	tf				ps	

PIN Assignment of QSFP28 Port

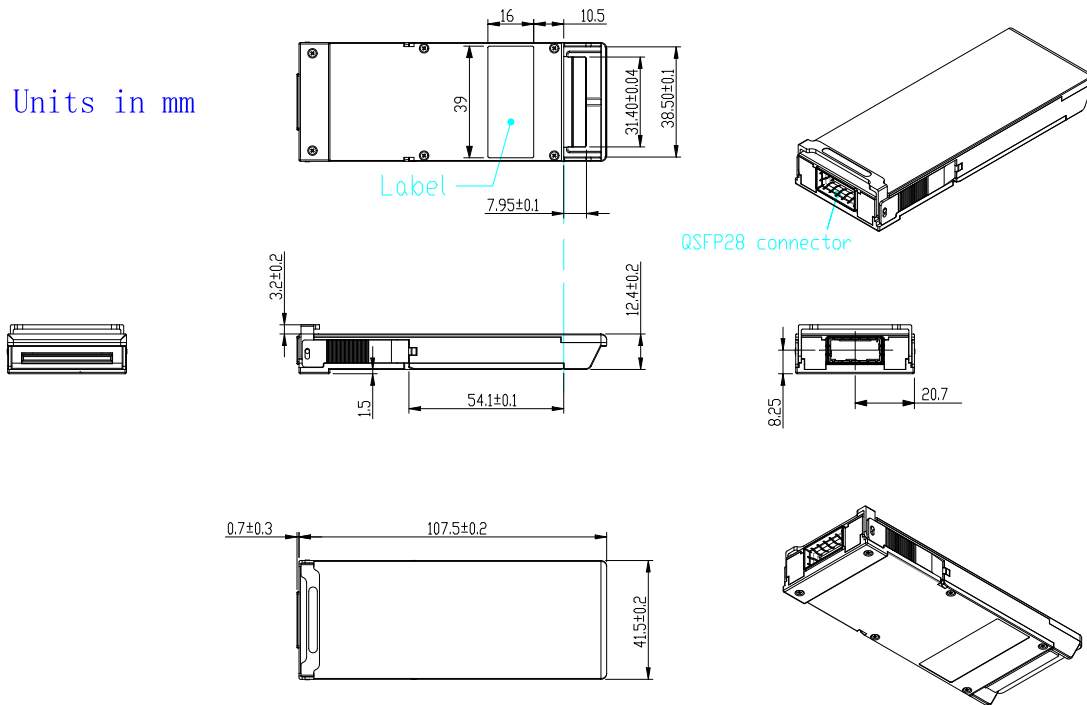


PIN Assignment of CFP2 Port



Mechanical Dimensions

Units in mm



Ordering Information

Part Number	Description
CFP2-QSFP28-CV	100G CFP2 to 100G QSFP28 Adaptor Module 0 to 70 °C