WTC2Q00000C1CN1 CFP2 to QSFP28 Adapter

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1. Product Overview

I/O Expansions
Physical Characteristics
Block Diagram
CAUI-4 Interface (QSFP28 port&CFP2 port)
Pin Diagram

Features

- 100 Gigabit CFP2-to-QSFP28 adaptor module.
- CAUI-4 electrical interfaces: 4 lanes at 25.78 Gb/s.
- Hot-pluggable; MDIO at the CFP2 port and I2C at the QSFP28 port.
- Maximum power consumption: 0.25 W at 3.3 V.
- Operating case temperature: -40 to 85 °C.

Applications

2. Ordering Information

Manufacturer Part Number	WTC2Q00000C1CN1
Product Name	CFP2 to QSFP28 Adaptor Module
Product Type	Adaptor Module
Power consumption	Max: 0.25W (3.3V voltage，max current 0.08A)
Features	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: -40 to 85 °C The CFP2 to QSFP28 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.

3. Optical Parameters

CAUI Receiver Parameters	Symbol	Min.	Typ.	Max.	Unit	Note
Signal Rate Per Lane			25.78		Gb/s	

CAUI Receiver Parameters	Symbol	Min.	Typ.	Max.	Unit	Note
Differential data output swing per lane	Vout,pp	CAUI-4 as defined by IEEE P802.3bm	CAUI-4 as defined by IEEE P802.3bm	CAUI-4 as defined by IEEE P802.3bm	mV	
Data output rise time	tr	CAUI-4 as defined by IEEE P802.3bm	CAUI-4 as defined by IEEE P802.3bm	CAUI-4 as defined by IEEE P802.3bm	ps	
Data output fall time	tf	CAUI-4 as defined by IEEE P802.3bm	CAUI-4 as defined by IEEE P802.3bm	CAUI-4 as defined by IEEE P802.3bm	ps	
CAUI Transmitter Parameters	Symbol	Min.	Typ.	Max.	Unit	Note
Signal Rate Per Lane			25.78		Gb/s	
Frequency offset		-100		100	ppm	100G Ethernet
Frequency offset		-20		20	ppm	OTU4
Input differential impedance	Rin	CAUI-4 as defined by IEEE P802.3bm	CAUI-4 as defined by IEEE P802.3bm	CAUI-4 as defined by IEEE P802.3bm	Ω	
Differential data input swing per lane	Vin,pp	CAUI-4 as defined by IEEE P802.3bm	CAUI-4 as defined by IEEE P802.3bm	CAUI-4 as defined by IEEE P802.3bm	mV	
Data input rise time tolerance	tr	CAUI-4 as defined by IEEE P802.3bm	CAUI-4 as defined by IEEE P802.3bm	CAUI-4 as defined by IEEE P802.3bm	ps	
Data input fall time tolerance	tf	CAUI-4 as defined by IEEE P802.3bm	CAUI-4 as defined by IEEE P802.3bm	CAUI-4 as defined by IEEE P802.3bm	ps	

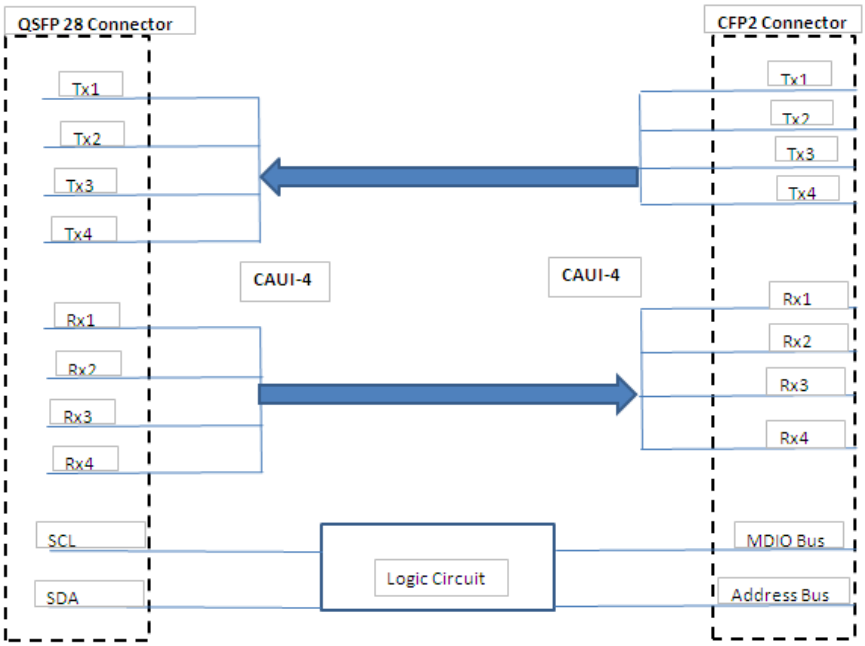
4. Additional Specifications

CFP2 port	MDIO
QSFP28 port	I2C

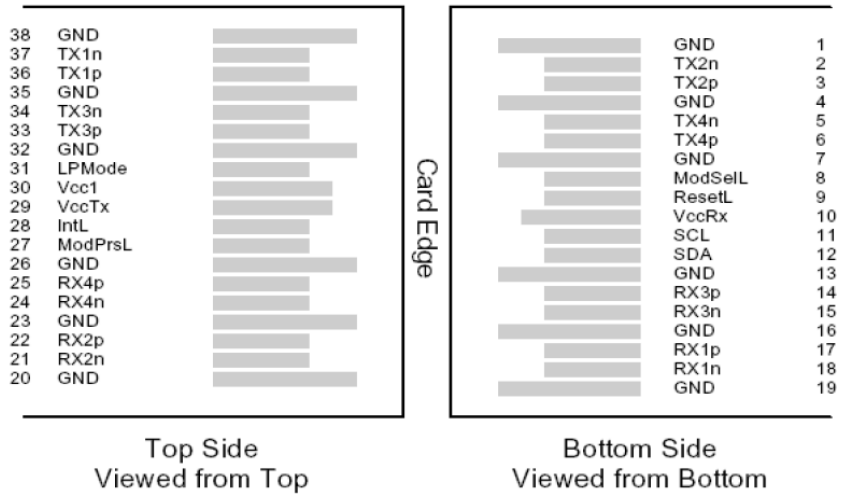
5. Additional Specifications

Dimensions	12.4mmHeight x 41.5Width x 108.2 Depth

6. Technical Figure 1



7. Technical Figure 2



8. Revision History

Version	Date	Description	Prepared by
V6	2025	Unified WincoTek datasheet format	WincoTek
V6.1	2026-10-23	Engineering and format review	WincoTek