

# **Columbia Liquid-Cooled Switch QSFP28**



## Columbia Liquid-Cooled Switch QSFP28



Multi-Mode Fiber (MMF) especially for liquid immersion environment. It is compliant with the QSFP28 MSA and IEEE 802.3bm 100GBASE-SR4 and CAUI-4. Digital diagnostics functions are available via ...



Liquid cooling technologies removes the heat more efficiently with dielectric fluids that have high heat capacity to improve the efficiency of energy in datacenter.



This interface uses a single address, A0h, with a memory map divided into a lower and upper area. Liquid cooling technologies removes the heat more efficiently with dielectric fluids that have high heat ...



Taking BOX+FPC+PCBA separate design, it has great reliability, airtightness and heat dissipation performance. This transceiver is compliant with IEEE 802.3ba 100GBASE-LR4 and IEEE 802.3bm ...



The DS280BR810 has been tested in an egress signal-conditioning configuration against the jitter and eye mask requirement for CAUI-4 using a 2x1 stacked QSFP28 connector and host compliance ...



This enables the QSFP-DD cages in switches to support backwards compatibility to 4-channel QSFP56, QSFP28, and QSFP+ devices, which engage only the first row of 4 pins in the 8 ...



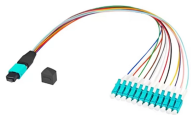
The QSFP28-100GBASE-CWDM4 is a 103 Gbps transceiver module designed for optical communication applications compliant to 100GBASE-LR4 of the IEEE P802.3ba standard.



QSFP28 100G, 4-channel parallel passive lookback module is for storages, servers, and switches QSFP28 port testing. The electrical loopback provides a cost effective method for QSFP28 port ...



100G QSFP28 optical transceivers are equipped with liquid cooling modules as one of their key components. The modules are meant to improve the performance of the coolant flow in these high ...



In 100G speed mode, these modules can be used in all QSFP and all Q-DD ports. Whereas, in 200G speed mode it can only be used in even numbered QSFP ports and all Q-DD ports.



Block Diagram Figure 2. Module Block Diagram  
The 100G QSFP28 SR4 is a parallel transceiver with the key technique of VCSEL and PIN array package, and can be contacted through I2C system.



QSP28 switches support 100Gbps per port, making them suitable for high-bandwidth applications. Key features include port density, which determines how many devices can be connected, and the type of ...

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.samastersbaseball.co.za>

Email: [sales@samastersbaseball.co.za](mailto:sales@samastersbaseball.co.za)

Phone: +27 63 874 2095

Address: 15 Innovation Drive, Technopark, Stellenbosch, 7600, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

