

# YAMASAKI 100G QSFP



**Palm sized, Powerful and Easy to use.**

The 100G QSFP is the next generation of QSFP modules from Yamasaki. The 100G QSFP transceivers are lightweight, hot pluggable, and compact while still being able to support speeds of up to 100Gbp/s.

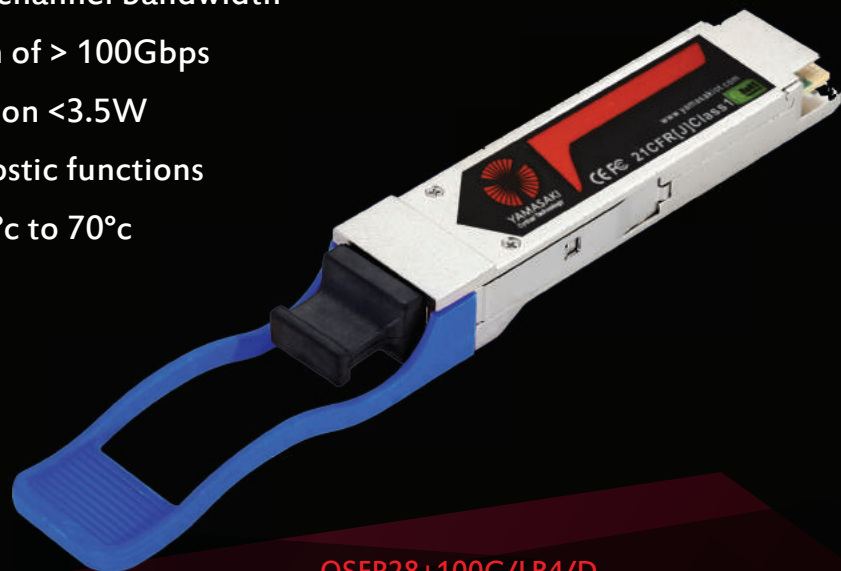
The Yamasaki 100G QSFP are simple to use and are a cost effective and environmentally friendly development.

All Yamasaki QSFP's are compatible with most major switch brands and provides an instant hot pluggable fibre port for your switches.

The Yamasaki 100G QSFP's support digital optical monitoring (DOM) and digital diagnostic interface according to the SFP Multi-Source Agreement (MSA). This feature gives the end user the ability to monitor real-time parameters of the QSFP, such as optical output power, optical input power, temperature, laser bias current and transceiver supply voltage.

## **Features:**

- Hot Pluggable QSFP Form factor
- Four-channel full-duplex transceiver modules – LC
- Four Parallel lanes design - MPO
- Up to 25.78Gbps per channel bandwidth
- Aggregate bandwidth of > 100Gbps
- Low Power consumption <3.5W
- Built-in Digital diagnostic functions
- Temperature range 0°C to 70°C
- RoHS 6 Compliant
- Lead Free



**QSFP28+100G/LR4/D**

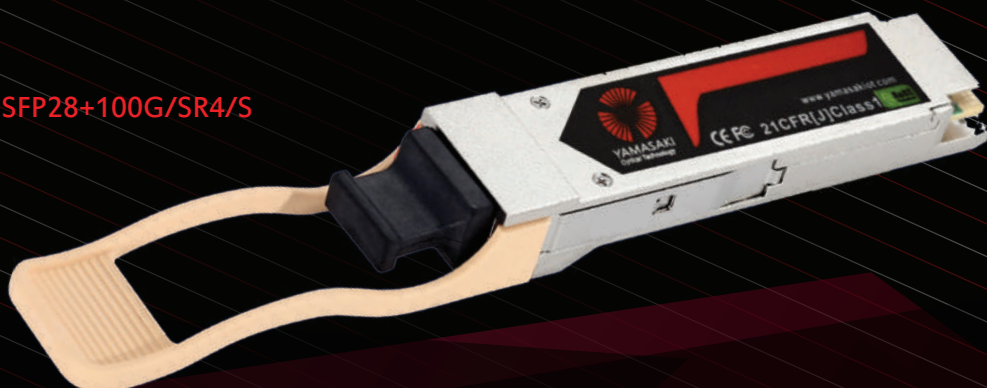
<b>Performance:</b>	-up to 25.78Gbps per channel bandwidth, 4 independent full-duplex channels, Aggregate bandwidth of > 100Gbps
<b>Connector Type:</b>	Duplex LC, MTP/MPO
<b>Power Supply:</b>	Single + 3.3V Power Supply
<b>Application:</b>	100Gbps
<b>Cable Type:</b>	Singlemode / Multimode

**QSFP28+100G/ZR4/D**



Model		100G QSFPs				
SFP Type	Output Power Range (dbm)	Received Power Range (dbm)	Transmit and Receive Wavelength Range (nm)	Distance	Source	Connector
QSFP28+100G/SR4/S	-8.4~2.4	<-10.3	850nm	100m	VCSEL+PIN	MTP/MPO
QSFP28+100G/IR4/S	-4~2	<-12	1310nm	2km	DFB+PIN	MTP/MPO
QSFP28+100G/IR4/D	-4~8.3	<-10.6	1271nm, 1291nm, 1311nm and 1331nm	2km	DFB+PIN	Duplex LC
QSFP28+100G/LR4/D	-4~4.5	<-10.6	1271nm, 1291nm, 1311nm and 1331nm	10km	DFB+PIN	Duplex LC
QSFP28+100G/ER4/30D	-2.5~4.5	<-16.5	1271nm, 1291nm, 1311nm and 1331nm	30km	DFB+PIN	Duplex LC
QSFP28+100G/ER4/40D	-2.5~4.5	<-16.5	1271nm, 1291nm, 1311nm and 1331nm	40km	EML+PIN	DuplexLC
QSFP28+100G/ZR4/D	-2~6.5	<-28	1271nm, 1291nm, 1311nm and 1331nm	80km	EML & SOA PIN	DuplexLC

**QSFP28+100G/SR4/S**



# YAMASAKI 100G QSFP

QSFP28+100G/IR4/S

QSFP28+100G/IR4/D



Ordering Code:	Description:
QSFP28+ 100G Series (MTP/MPO)	
QSFP28+100G/SR4/S	Yamasaki 100G Multimode QSFP+ Transceiver MTP/MPO - 100m (850nm VCSEL+PIN)
QSFP28+100G/IR4/S	Yamasaki 100G Singlemode QSFP+ Transceiver MTP/MPO -2km (1310nm DFB+PIN)
QSFP28+ 100G Series (LC)	
QSFP28+100G/IR4/D	Yamasaki 100G Multimode CWDM QSFP+ Transceiver LC -2km (1271/1291/1311/1331 DFB+PIN)
QSFP28+100G/LR4/D	Yamasaki 100G Singlemode CWDM QSFP+ Transceiver LC -10km (1271/1291/1311/1331 DFB+PIN)
QSFP28+100G/ER4/30D	Yamasaki 100G Singlemode CWDM QSFP+ Transceiver LC -30km (1271/1291/1311/1331 DFB+PIN)
QSFP28+100G/ER4/40D	Yamasaki 100G Singlemode CWDM QSFP+ Transceiver LC -40km (1271/1291/1311/1331 EML+PIN)
QSFP28+100G/ZR4/D	Yamasaki 100G Singlemode CWDM QSFP+ Transceiver LC -80km (1271/1291/1311/1331 EML & SOA PIN)

QSFP28+100G/ER4/30D

QSFP28+100G/ER4/40D



YAMASAKI  
Optical Technology

More information and details visit  
[www.yamasakiot.com](http://www.yamasakiot.com)

Specifications and descriptions are  
subject to change without prior notice.

To contact us, please email:  
[sales@yamasakiot.com](mailto:sales@yamasakiot.com)