

# VX\_00042-C Datasheet

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DiGi Electronics Part Number	VX_00042-C-DG
Manufacturer	<a href="#">ATGBICS</a>
Manufacturer Product Number	VX_00042-C
Description	40GBASE-CSR4 QSFP+ 850nm 400m
Detailed Description	Transceiver Module Ethernet 40Gbps 850nm 3.3V MPO Pluggable, QSFP

This model VX\_00042-C is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

VX\_00042-C

Series:

-

Data Rate:

40Gbps

Applications:

Ethernet

Connector Type:

MPO

Manufacturer:

ATGBICS

Product Status:

Active

Wavelength:

850nm

Voltage - Supply:

3.3V

Mounting Type:

Pluggable, QSFP

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8517.70.6000

Moisture Sensitivity Level (MSL):

Vendor Undefined

ECCN:

EAR99

ATGBICS®

## ATGBICS VX\_00042 VSS Monitoring Compatible Transceiver QSFP+ 40GBase-CSR4 (850nm MMF 400m MPO DOM)



Brand : ATGBICS

Product code: VX\_00042-C

**Product name :** VX\_00042 VSS Monitoring Compatible Transceiver QSFP+ 40GBase-CSR4 (850nm MMF 400m MPO DOM)

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ATGBICS VX\_00042 VSS Monitoring Compatible Transceiver QSFP+ 40GBase-CSR4 (850nm MMF 400m MPO DOM):

ATGBICS VSS Monitoring compatible VX\_00042 QSFP+ 40GBase-CSR4 form factor network transceiver supports a distance of up to 400m over multi-mode fibre (MMF) using a wavelength of 850nm via an MPO-12 connector. This product operates within a commercial temperature range. Digital optical monitoring (DOM) support is also present enabling real-time monitoring of the parameters of the fibre optic transceiver. Our product meets the specification of VSS Monitoring VX\_00042 and we proudly offer a compatibility guarantee and limited lifetime warranty. Our rigorously tested products record a unique traceable serial number and are fully compliant with all MSA (Multi-Source Agreement) and IEEE standards & protocols.

Performance		Power	
SFP transceiver type *	Fiber optic	Maximum voltage	3.5 V
Maximum data transfer rate *	40000 Mbit/s	Power consumption (typical)	3.5 W
Interface type *	QSFP+	Certificates	
Single-mode fiber (SMF) supported	✗	Compliance certificates	TÜV mark, UKCA, UL, US FDA, REACH, Federal Communications Commission (FCC), RoHS, CE
Multi-mode fiber (MMF) supported	✓	Certification	CE, FCC, RoHS, REACH
Fiber optic connector	MPO-12	Sustainability	
SFP transceiver standard	CSR4	Sustainability compliance	✓
Maximum transfer distance	400 m	Doesn't contain	Lead
Wavelength	850 nm	Operational conditions	
Ethernet LAN	✓	Minimum operating temperature	0 °C
Ethernet interface type	40 Gigabit Ethernet	Maximum operating temperature	70 °C
Fiber ethernet cabling technology	40GBASE	Operating temperature (T-T)	0 - 70 °C
Digital Diagnostics Monitoring (DDM)	✓	Storage temperature (T-T)	-40 - 85 °C
Wavelength-division multiplexing (WDM)	✗	Operating relative humidity (H-H)	0 - 95%
		Storage relative humidity (H-H)	0 - 95%
Features		Weight & dimensions	
Product colour	Silver	Width	13.5 mm
Housing material	Metal	Depth	72.4 mm
Plug and Play	✓	Height	18.4 mm
Hot-Plug support	✓	Weight	100 g
Hot-swap	✓	Packaging content	
Easy to install	✓	Quantity per pack	1 pc(s)
Brand compatibility	VSS Monitoring	Packaging data	
Power		Package type	Box
Input voltage	3.3 V	Logistics data	
		Country of origin	United Kingdom

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