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1.6T OSFP   800G OSFP/QSFP-DD(DSP)   800G OSFP(LPO)   400G OSFP(DSP)   400G OSFP/QSFP112(LPO) 400G QSFP-DD(DSP)   400G QSFP112(DSP)   200G QSFP56/QSFP112   100G QSFP28   40G QSFP+ 25G SFP28/10G SFP+/ BIDI   PON SERIES PRODUCTS   AOC DESCRIPTION

1.6 T OSFP

Features

Supports 1x1.6T or 2x800G
Single 3.3V Power Supply
OSFP MSA Compliant
8x212.5 Gb/s (PAM4) optical interface
8x212.5 Gb/s (PAM4) electrical interface
Commercial case temperature range of
0°C to 70°C
CMIS 5.0 or later version

Part Number: RMCC-OSFP16DR8-12D

Rate: 1.6T

Wavelength(nm): 1311

Reach: 500m

Source: CW/PN

Fiber: SMF

Interface: Dual MPO-12

TX Power(dBm): -3.3 ~ +4

Sen(dBm):-4.3dBm + TDECQ

Optical Transceivers

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800G OSFP(LPO)

Features:
Supports 850Gb/s
Single 3.3V Power Supply OSFP MSA Compliant
8x106.25Gbps (PAM4) optical interface
8x106.25 Gb/s (PAM4) electrical interface
Commercial case temperature range of 0°C to 70°C CMIS 5.0 or later version

800G OSFP/QSFP-DD（DSP）

Features:
Supports 2x 425Gb/s or 850Gb/s
Single 3.3V Power Supply
OSFP MSA Compliant
8x106.25 Gb/s (PAM4) optical interface
8x106.25 Gb/s (PAM4) electrical interface
Commercial case temperature range of 0°C to 70°C
CMIS 5.0 or later version

800G OSFP(LPO)

Package	Part Number	Rate	Wavelength(nm)	Reach	Source	Fiber	Interface	TX Power(dBm)	Sen(dBm)
OSFP VR8	RMCC-OSFP08VR8-12L	800G	850	50m	VCSEL/PIN	MMF	DualMPO-12	-1~+3	<-4.6
OSFPDR8	RMCC-OSFP08DR8-12L	800G	1310	500m	CW/PIN	SMF	Dual MPO-12	-2.9~+4	<-5.1

800G OSFP/QSFP-DD（DSP）

Package	Ccloud Part Number	Rate	Wavelength(nm)	Reach	Source	Fiber	Interface	TX Power(dBm)	Sen(dBm)
OSFP VR8	RMCC-OSFP08VR8-12D	800G	850	50m	VCSEL/PIN	MMF	Dual MPO-12	-4.6~+4	<-4.4
QSFP-DD SR8	RMCC-QSFD08SR8-16D	800G	850	50m	VCSEL/PIN	MMF	MPO-16	-4.6~+4	<-4.4
OSFP SR8	RMCC-OSFP08SR8-12D	800G	850	100m	VCSEL/PIN	MMF	Dual MPO-12	-4.6~+4	<-4.6
OSFP DR8	RMCC-OSFP08DR8-12D	800G	1310	500m	EML/CW/PIN	SMF	Dual MPO-12	-2.9~+4	<-5.1
OSFP2*FR4	RMCC-OSFP08FR4-LCD	800G	1271-1331	2km	EML/CW/PIN	SMF	Dual Duplex LC	-3.2~+4.4	<-7.2

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400G OSFP/QSFP112(LPO)

Features:

Supports 425Gb/s
Single 3.3V Power Supply
OSFP/QSFP112 MSA Compliant
4x106.25Gbps (PAM4) optical interface
4x106.25Gbps (PAM4) electrical interface
Commercial case temperature range of 0°C to 70°C CMIS 5.0 or later version

400G QSFP112(DSP)

Features:

Supports 425Gb/s
Single 3.3V Power Supply QSFP112
MSA Compliant
4x106.25 Gb/s (PAM4) optical interface
4x106.25 Gb/s (PAM4) electrical interface
Commercial case temperature range of 0°C to 70°C CMIS 5.0 or later version.

400G OSFP/QSFP112(LPO)

Package	CcloudPart Number	Rate	Wavelength(nm)	Reach	Source	Fiber	Interface	TX Power(dBm)	Sen(dBm)
QSFP112 VR4	RMCC-QSFP04VR4-12L	400G	850	50m	VCSEL/PIN	MMF	MPO-12	-4.6~+4	<-4.4
OSFP VR4	RMCC-OSFP04SR4-12L	400G	850	50m	VCSEL/PIN	MMF	MPO-12	-4.6~+4	<-4.6
OSFP DR4	RMCC-OSFP04DR4-12L	400G	1310	500m	CW/PIN	SMF	MPO-12	-2.9~+4.0	<-5.1
QSFP112DR4	RMCC-QSFP04DR4-12L	400G	1310	500m	CW/PIN	SMF	MPO-12	-2.9~+4.0	<-5.9

400G QSFP112(DSP)

Package	CcloudPart Number	Rate	Wavelength(nm)	Reach	Source	Fiber	Interface	TX Power(dBm)	Sen(dBm)
QSFP112 VR4	RMCC-QSFP04VR4-12D	400G	850	50m	VCSEL/PIN	MMF	MPO-12	-4.6~+4	<-4.4
QSFP112SR4	RMCC-QSFP04SR4-12D	400G	850	100m	VCSEL/PIN	MMF	MPO-12	-4.6~+4	<-4.6
QSFP112DR4	RMCC-QSFP04DR4-12D	400G	1310	500m	EML/PIN	SMF	MPO-12	-2.9~+4.0	<-5.9
QSFP112FR4	RMCC-QSFP04FR4-LCD	400G	1271-1331	2km	CWDM4EML/PIN	SMF	LC	-3.2~+4.4	<-7.2

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400G OSFP (DSP)

Features:

Supports 2x 212.5Gb/s, 4x106.25Gb/s or 425Gb/s
Single 3.3V Power Supply
OSFP MSA Compliant
8x53.125Gb/s(PAM4) or 4x106.25 Gb/s(PAM4) optical interface
8x53.125Gb/s(PAM4) electrical interface
Commercial case temperature range of 0°C to 70°C
CMIS 5.0 or later version

400G QSFP-DD(DSP)

Features:

Supports 2x 212.5Gb/s, 4x106.25Gb/s or 425Gb/s Single 3.3V Power Supply
QSFP-DD MSA Compliant
8x53.125Gb/s(PAM4),4x106.25 Gb/s(PAM4) or 400G DP-16QAM optical interface
8x53.125Gb/s(PAM4) electrical interface
Commercial case temperature range of 0°C to 70°C CMIS 5.0 or later version.

400G OSFP (DSP)

Package	CcloudPart Number	Rate	Wavelength(nm)	Reach	Source	Fiber	Interface	TX Power(dBm)	Sen(dBm)
OSFP VR4	RMCC-OSFP04VR4-12D	400G	850	50m	VCSEL/PIN	MMF	MPO-12	-4.6~+4	<-4.4
OSFP SR4	RMCC-OSFP04SR4-12D	400G	850	100m	VCSEL/PIN	MMF	MPO-12	-4.6~+4	<-4.6
OSFP SR8	RMCC-OSFP04SR8-16D	400G	850	100m	VCSEL/PIN	MMF	MPO-16	-6.5~+4	<-6.5
OSFP DR4	RMCC-OSFP04DR4-12D	400G	1310	500m	EML/CW/PIN	SMF	MPO-12	-2.9~+4.0	<-5.1

400G QSFP-DD(DSP)

Package	CcloudPart Number	Rate	Wavelength(nm)	Reach	Source	Fiber	Interface	TX Power(dBm)	Sen(dBm)
QSFP-DD VR4	RMCC-QSFD04VR4-12D	400G	850	50m	VCSEL/PIN	MMF	MPO-12	-4.6~+4	<-4.4
QSFP-DD SR8	RMCC-QSFD04SR8-16D	400G	850	100m	VCSEL/PIN	MMF	MPO-16	-6.5~+4	<-7.9
QSFP-DD DR4	RMCC-QSFD04DR4-12D	400G	1310	500m	EML/PIN	SMF	MPO-12	-2.9~+4	<-5.9

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200G QSFP56/QSFP112

Features:

Supports 212Gb/s
Single 3.3V Power Supply QSFP56 MSA Compliant
4x53.125Gb/s (PAM4) electrical and optical interface Commercial case temperature range of 0°C to 70°C SFF 8636

100G QSFP28

Features:

Supports 103Gb/s and 112 Gb/s
4x25.78 Gb/s and 4x27.95 Gb/s (NRZ) electrical interface
4x25.78 Gb/s (NRZ) or 2x53.125 Gb/s (PAM4) optical interface Commercial case temperature range of 0°C to 70°C

200G QSFP56/QSFP112

Package	CcloudPart Number	Rate	Wavelength(nm)	Reach	Source	Fiber	Interface	TX Power(dBm)	Sen(dBm)
QSFP112 VR2	RMCC-QSFP02VR2-12C	200G	850	50m	VCSEL/PIN	MMF	MPO-12	-4.6~+4	<-4.4
QSFP56 SR4	RMCC-QSFP02SR4-12C	200G	850	100m	VCSEL/PIN	MMF	MPO-12	-6.5~+4	<-8.4
QSFP56FR4	RMCC-QSFP02FR4-LCD	200G	1310	2km	DFB/PIN	SMF	LC	-4.2~+4.7	<-6

100G QSFP28

Package	Part No	Rate	Wavelength(nm)	Reach	Source	Fiber	Interface	TX Power(dBm)	Sen(dBm)
QSFP28 SR4	RMCC-QKK110M-SD	100G	850	100m	VCSEL/PIN	MMF	MPO	-8.4~+2.4	≤-10.3
QSFP28CWDM4	RMCC-QKKCC0L-SD	100G	1271-1331	2km	CWDMDFB/PIN	SMF	LC	-6.5~+2.5	≤-11.5
QSFP28LR4	RMCC-QKKLL1L-SD	100G	1294-1310	10km	LWDM DFB/PIN	SMF	LC	-4.3~+4.5	≤-10.6
QSFP28ER4	RMCC-QKKLL4L-SD	100G	1294-1310	40km	LWDMDML/APD	SMF	LC	-2.9~+6.5	≤-20.5
QSFP28ZR4	RMCC-QKKLL8L-SD	100G	1294-1310	80km	LWDM EML/APD	SMF	LC	-1~+4	≤-12.5

Optical Transceivers

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40G QSFP+

Features:

4 independent full-duplex channels up to 11.2Gbps per channel bandwidth Digital diagnostic capabilities
Commercial case temperature range of 0°C to 70°C

25G SFP28

Features:

Operating Data Rate Support 24.33Gbps and 25.78Gbps with CDR engaged Mode or 9.95Gbps and 10.31Gbps with CDR bypassed Mode
Distances up to 10km, 20km, 30km, 40km and 80km
Duplex LC Connector Interface, Hot Pluggable
Commercial case temperature range of 0°C to 70°C or Industrial case temperature range of -40°C to 85°C

40G QSFP+

Package	Part No	Rate	Wavelength(nm)	Reach	Source	Fiber	Interface	TX Power(dBm)	Sen(dBm)
QSFP+SR4	RMCC-QJJ110M-SD	40G	850	100m	VCSEL/PIN	MMF	MPO	-8~+1	≤-13
QSFP+LR4	RMCC-QJJCC1L-SD	40G	1271-1310	10km	CWDMDFB/PIN	SMF	LC	-7~+2.3	≤-14
QSFP+ER4	RMCC-QJJCC4L-SD	40G	1271-1310	40km	CWDMDFB/PIN	SMF	LC	-3.7~+4.5	≤-22

25G SFP28

Package	Part Number	Rate	Wavelength(nm)	Reach	Source	Fiber	Interface	TX Power(dBm)	Sen(dBm)
SFP28SR	RMCC-PMM110L-SD	25G	850	100m	VCSEL/PIN	SMF	LC	-6.0~+2.4	≤-10.3
SFP28LR	RMCC-PMM221L-(S)ID	25G	1310	10km	DFB/PIN	SMF	LC	-4.5~+2.5	≤-11.4
SFP28BIDI	RMCC-PMM56(65)1L-(S)D	25G	TX1270(1330)RX1330(1270)	10km	DFB/PIN	SMF	LC	-4~+4	≤-13.3