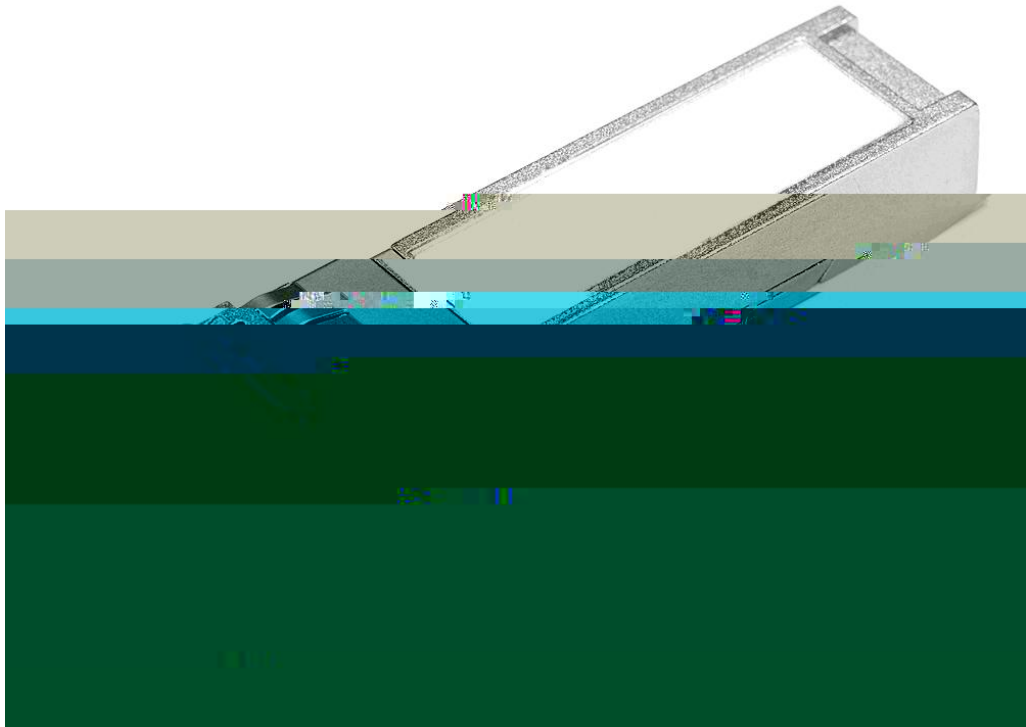


16GFC SFP+ 850nm
RTXM228-561



RTXM228-561 16GFC 850nm VCSEL
14.025Gb/s FC-PI-5 SFF-8432 SFF-8472 SFF-8431
I2C SFF-8472.

SFP+
RoHS

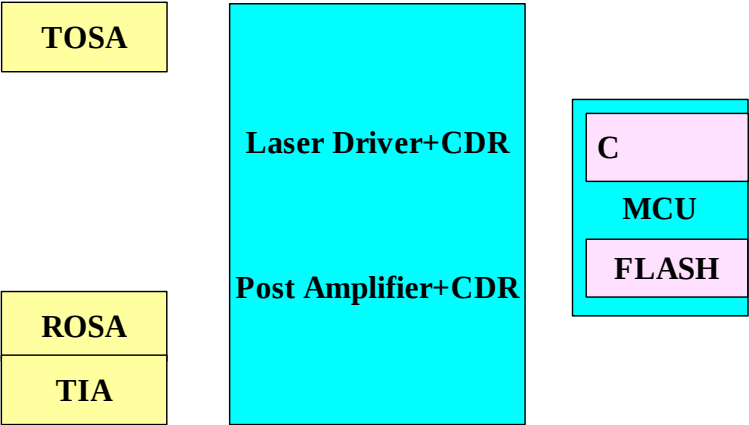
EMI
SFF-8432
14.025Gb/s

1.0
0 ~ 70
+3.3V
SFF-8472

4.25/8.5/14.025Gb/s

FC-PI-5 Rev 6.00
SFF-8431 Rev 4
SFF-8432
SFF-8472 Rev 11

Specifications										
				(OMA)			(OM3)			
RTXM228-561	SFP+	4.25~14.025 Gb/s	850nm VCSEL	>-7.8dBm	PIN	< 89uW	0~70 °C	100m	DDM	16GFC



V_{CC}	V	-0.3	4.0
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	Tc	°C	0		70
	Vcc	V	3.14	3.3	3.46
	BR	Gb/s	4.25		14.025
	BER		10 ⁻¹²		1
50um (OM3)(2000MHz.km)	L	m	100		@14.025G
			150		@8.5G
			380		@4.25G

Note1: PRBS 2^7-1 for 4GFC and 8GFC. PRBS $2^{31}-1$ for 16GFC.

	V _{CC}	V	3.14	3.3	3.46	
	I _{CC}	mA		180	285	
Transmitter						
	R _{IN}	Ω	80	100	120	1
	V _{IN}	mVp-p	180		850	

Transmit Disable

Transmitter					
	λ	nm	840	850	860
	P_{av}	dBm	-7.8		1
@ 14.025Gb/s	σ	nm		0.59	
@ 14.025 Gb/s	OMA	μW	331		
@ 8.5 Gb/s	OMA	μW	302		
@ 4.25 Gb/s	OMA	μW	247		
@ 14.025Gb/s	VECP	dB		2.56	2
@ 8.5Gb/s	TWDP	dB		4.3	3
	R_{IN}	dB/Hz		-128	
Receiver					
	P_{in}	dBm		0	
OMA 14.025 Gb/s	S	dBm		-10.5	4
(OMA)		dBm		-6.7	5
(OMA)					
OMA 8.5 Gb/s					

