

100G / CFP4 O

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RTXM290-701



F

Direct LC receptacle optical interface
Single +3.3V power supply
Hot-pluggable
Operating optical data rate up to 112Gbps
Operating electrical serial data rate up to 28Gbps
10 parallel electrical serial interface
Transmission distance up to 10km
AC coupling of CML signals
1310 nm window cooled EA-DFB LD
PIN ROSA
Low power dissipation(Max:6W)
Built in digital diagnostic function
Operating case temperature range:0℃ to 70℃
Compliant with RoHs
MDIO Communication Interface

A

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OTN-OTU4
Switch to switch interface

Switch to router interface
P to P Access Network

8

Compliant with IEEE 802.3ba

Compliant with CFP4 MSA hardware specification,Version0.1

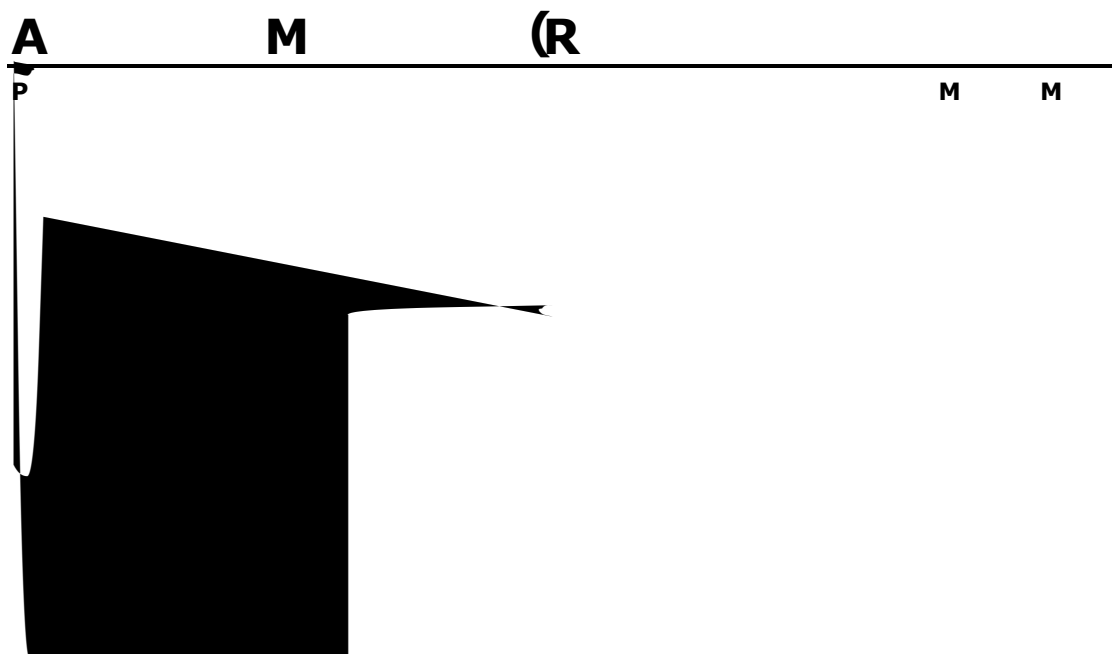
March 02,2014

Compliant with CFP MSA management specification,

Version2.2July 01, 2013

Compliant with ITU-T G.959.1 411-9D1F

Compliant with RoHS&WEEE





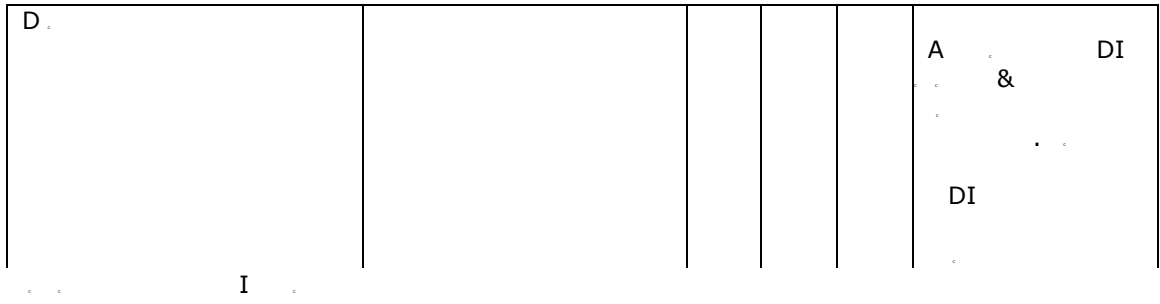
IC	H		1.2	IH	0.84	1.5
C			1.2	I	-0.3	0.36
I		C	1.2	II	A	-100
C	H		1.2	H	1.0	1.5
C			1.2		-0.3	0.2
	H	C	1.2	I	H	A
		C	1.2	I	A	+4
I	C			C	F	10
C						
(100G E)		E			-	25.78125
		E		G		
(4)						27.95249
				λ1	1294.53	1295.56 1296.59
F C C				λ2	1299.02	1300.05



A	E		
A		B	-12
D	-	B	-19
H		B	



13	G B A	G A	I	3.3		A	
18	DI			C			





CFP N R1

CF 1						
H A		A	B		C (HE)	B
B ID I						
8000	1		7 0	I	12	/A
8001	1		7 0	E I	E4	/A
8002	1		7 0	C C	07	/A
8003	1		7 0	E A C	01	/A



809A	2		7 0	A . C 1 C H .		
809C	2		7 0	A . 1 C .		
809E	2		7 0	A . 1 A		
80A0	2		7 0	A . C 2 H A		
80A2	2		7 0	A . C 2 C H .		



				0 15		
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CFP N R4

H A		A	B		C (HE)	B
B ID I						
8180	1		7 0	CF 3 C		
8181	127		7 1			

CFP R1

H A		A	B		C (HE)	B
C C /						
A000	2		15 0			
A002	2		15 0			
A004	1			N R A C		
			8 6 4			



-			11	G C 2 C		
			10	G C 1 C		
			9	G B A		
	-		8 6			
			5	DI		
			4	D		
			3	G C 3		
G C 3						



			9	9 F		
			8	8 F		
			7	7 F		
			6	6 F		
			5	5 F		





		/ H/C	4	A		
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CFP N

L

R1

N L R1						
1						
H		A	B			C
A						(HE)
N L FA R						
A200	16			N	L	A
			15	B	H	A
			14	BC	H	





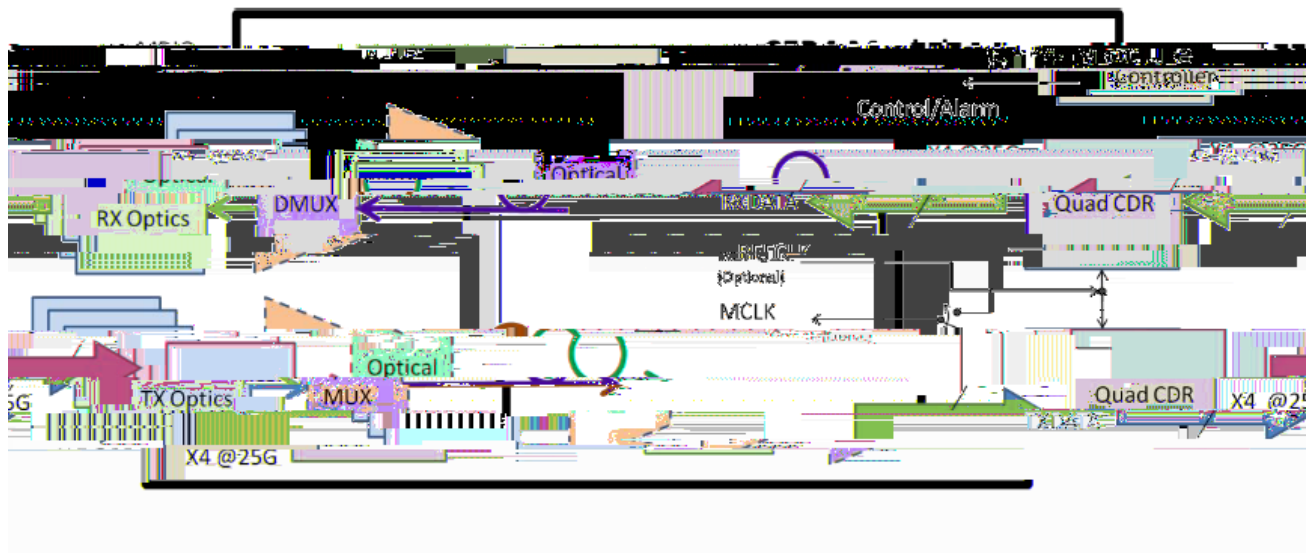
			14	C			
				F	E		
			13		A D		
				F	E		
			12 8				



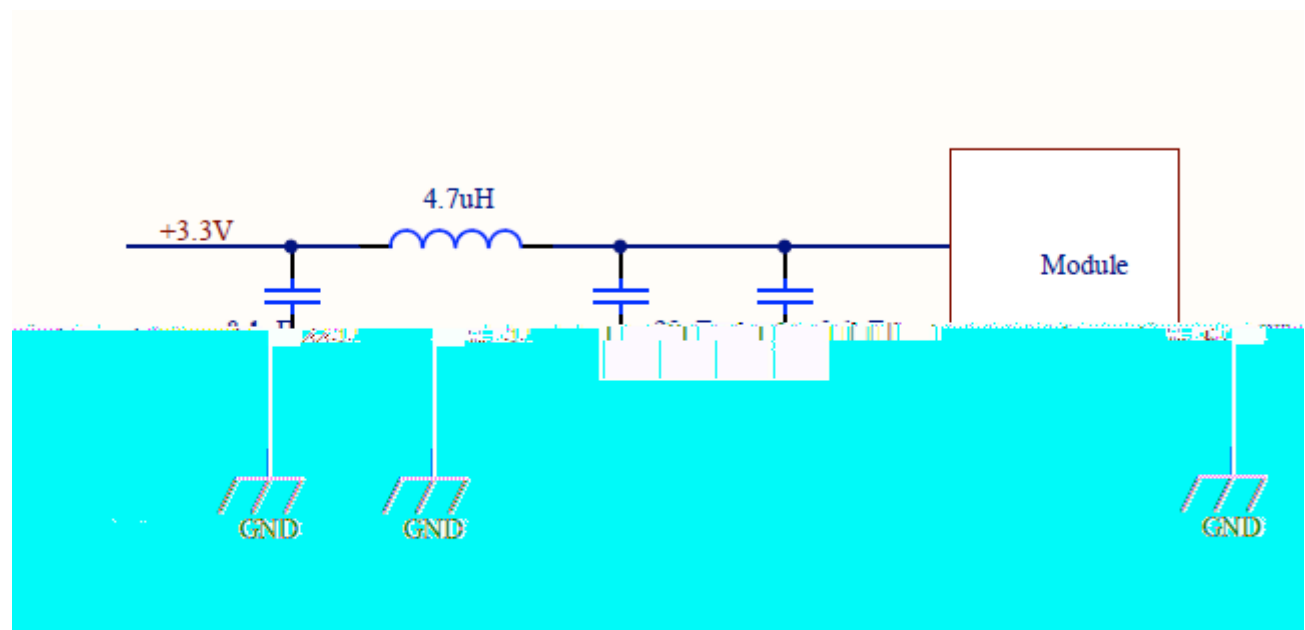
A410	16			H L F		
			15 2	L		
		/ H/C	1	FIF E		
		/ H/C	0	H		
H L FA E R (						
A420	16			H L F		
			15 2	E		
			1	FIF E E		
			0	H E		
H L D PRB R (						
A430	16			H L PRB		
				E C		
15 10 E						



B (



R H B C





CD H 21-CF 1040 C 1
-G
CE