

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*

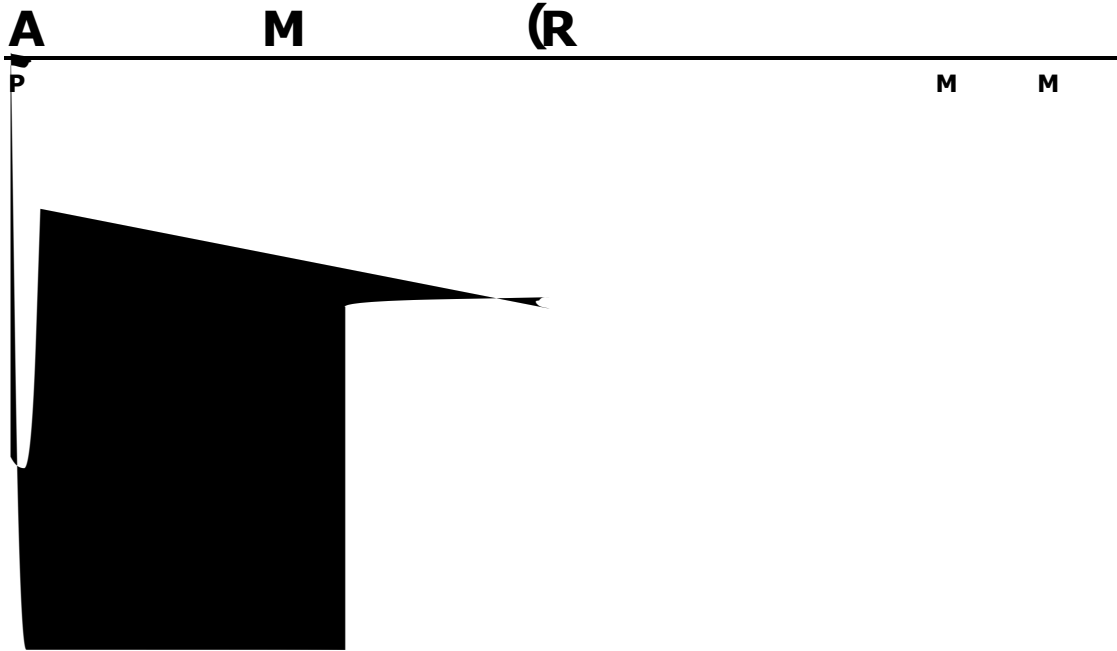
A

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- *OTN-OTU4*
- *Switch to switch interface*
- *Switch to rounter interface*
- *P to P Acess Network*

8

- *Compliant with IEEE 802.3ba*
- *Compliant with CFP4 MSA hardware specification, Version 0.1
March 02, 2014*
- *Compliant with CFP MSA management specification,
Version 2.2 July 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	1.2II	A	-100		+100
C	H		1.2 H		1.0		1.5
C			1.2		-0.3		0.2
	H	C	1.2I H	A			-4
		C	1.2I	A	+4		
I	C		C	F			10
				C			
(100G E)		E		G	-	25.78125	
(4)		E				27.95249	
			$\lambda 1$		1294.53	1295.56	1296.59
F	C	C	$\lambda 2$		1299.02	1300.05	1301.09
			$\lambda 3$		1303.54	1304.58	1305.63
			$\lambda 4$		1308.09	1309.14	1310.19
				B	30		-
	A			B	-		10.5
A		E			-4.3		+4.5
A	(100G E)			B			2
A	(4)	E					



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



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



D.						A & DI
						DI

I



B
/A
/A
/A
/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 .		



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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	



			1	A B C		
			0	A B A		
A020	1			M A (
				2		

15 8



		/ H/C	4		A		
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CFP N L R1

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

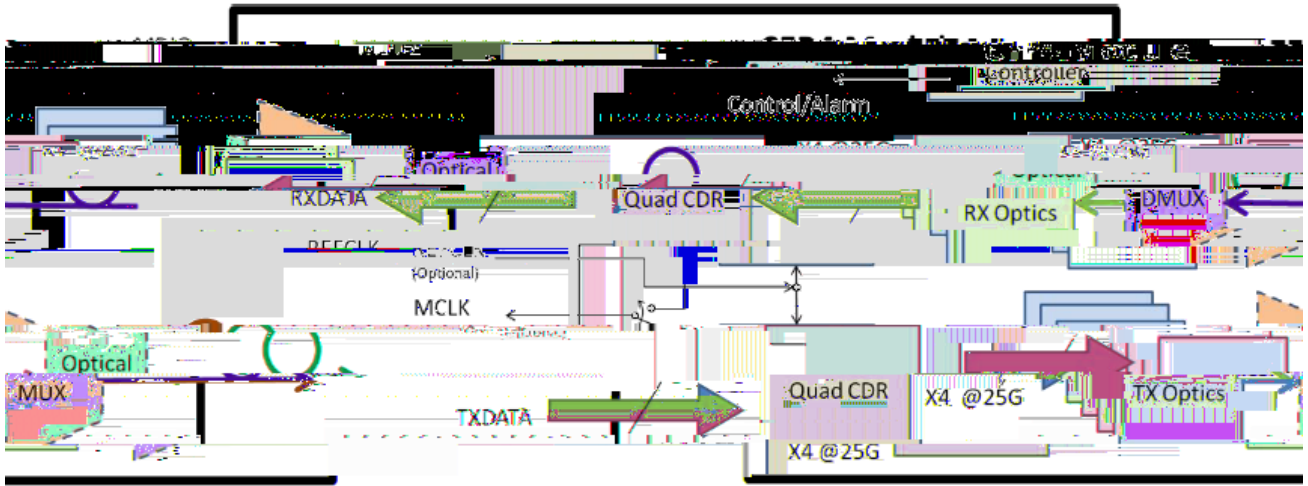




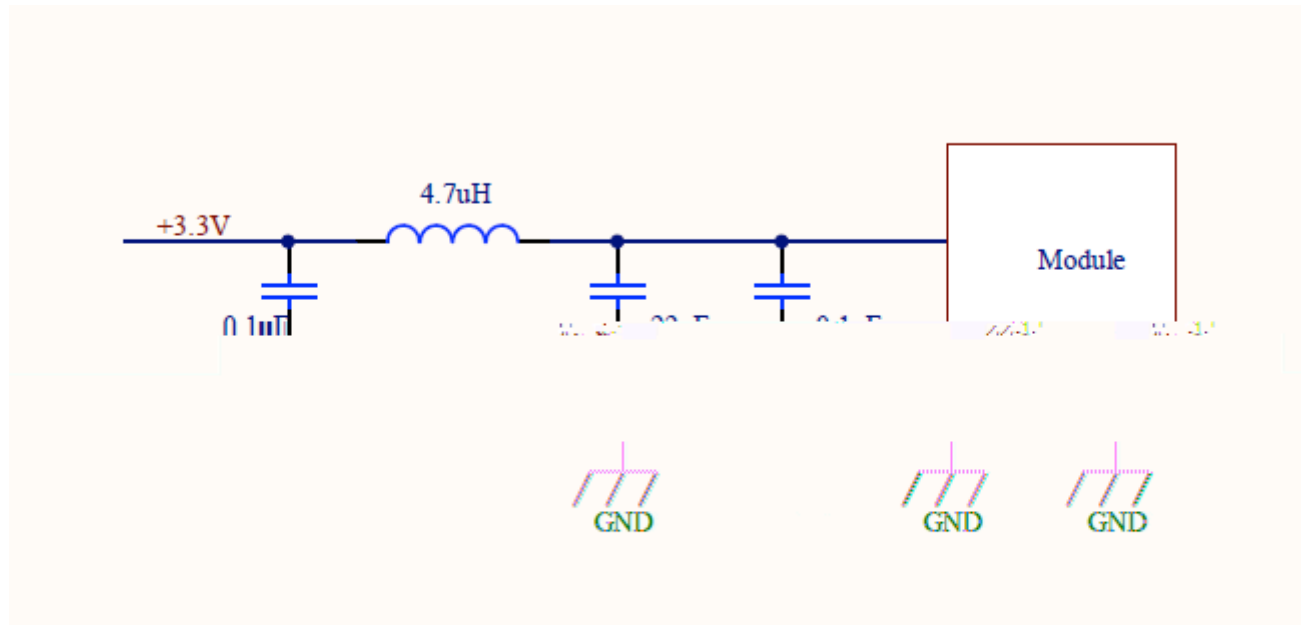
A410	16			H L F		
			15 2	L		
		/ H/C	1	FIF E		
		/ H/C	0	H		
H L FA E R (
A420	16			H L F		
			15 2	E		
			1	FIF E E		
			0	H E		
H L D PRB R (
A430	16			H L PRB		
			15 10	E		



B (



R H B C





CD H 21-CF 1040 C 1

-G

CE

O I

P N

D . .

A

C