

100G / CFP4 O

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RTXM290-701



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- *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*

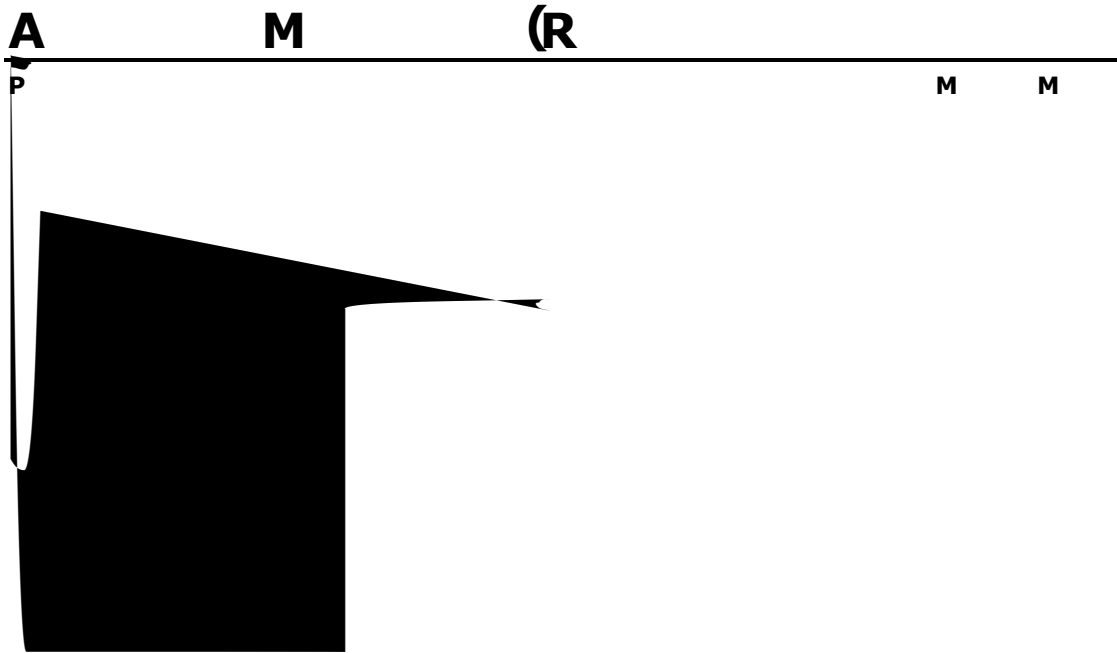
A

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- | | |
|-------------------------------------|-------------------------------------|
| • <i>OTN-OTU4</i> | • <i>Switch to router interface</i> |
| • <i>Switch to switch interface</i> | • <i>P to P Access Network</i> |

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*





I	H	1.2	IH	0.84	1.5	
I		1.2	I	-0.3	0.36	
I	C	1.2	II	A	-100	+100
	H	1.2	H	1.0	1.5	
		1.2		-0.3	0.2	
	H	1.2	I	H	A	-4
	C	1.2	I	A	+4	
I	C		C	F		10
C						
E						
(100G	E)		G	-	25.78125	
E						
(	4)				27.95249	
		$\lambda 1$		1294.53	1295.56	1296.59
F		$\lambda 2$		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	2
(100G	E)		B			
A		E				
(	4)					



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						



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	1	H		
809C	2		7 0	A	1			
809E	2		7 0	A	1	A		
80A0	2		7 0	A	2	H A		
80A2	2		7 0	A	2	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 /						
A000	2		15 0			
A002	2		15 0			
A004	1			N R A C		
			8 6 4			

			1	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				
			0	A B	A			
A020	1			M	A	(		

15 8



		/ 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	B	H	

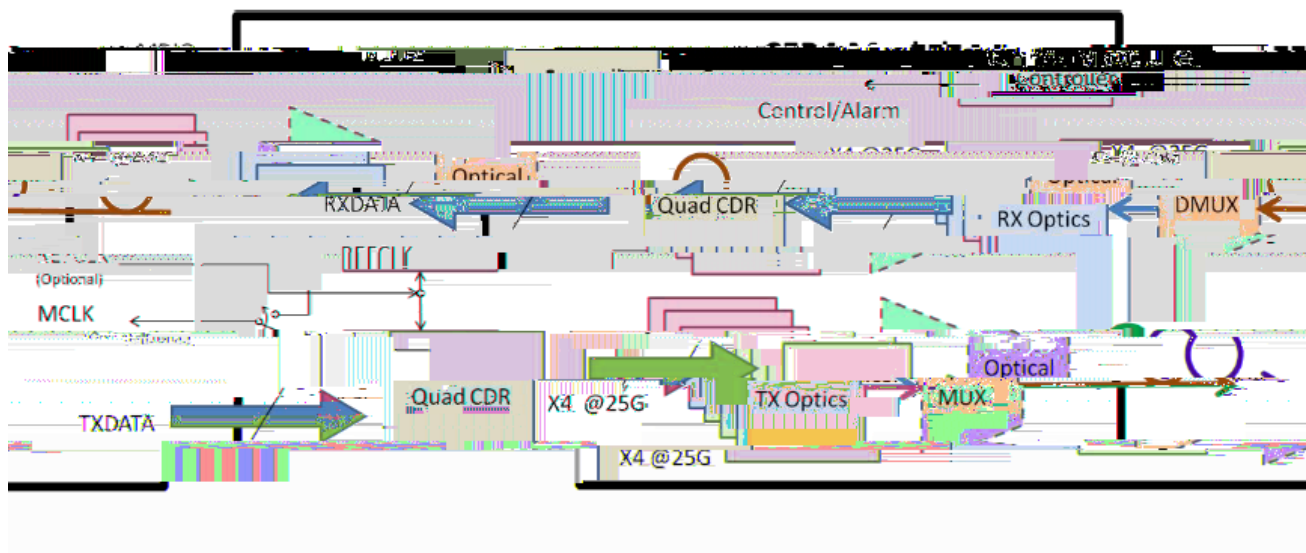




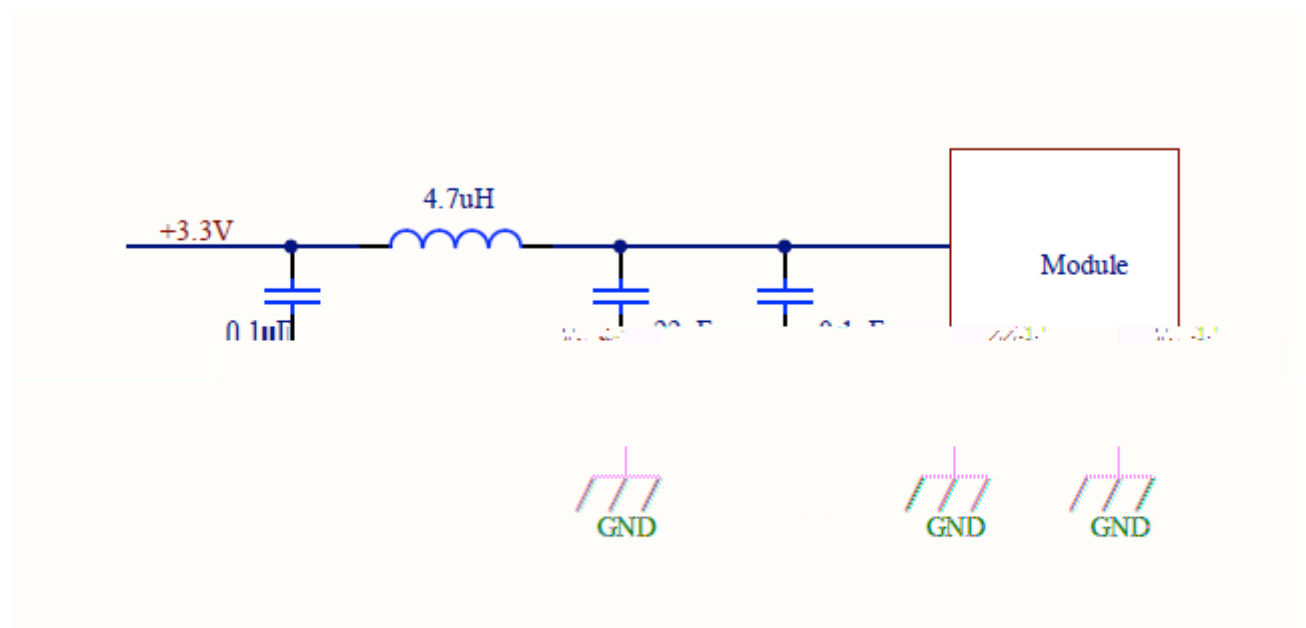
A410	16			H L F		
			15 2	L		
		/ H/C	1	FIF E		
		/ H/C	0	H		
H L FA E R (						
A420	16			H L F		
			15 2	E		
			1	FIF E E		
			0	H E		
H L D PRB R (						
A430	16			H L PRB		
				E C		
15 10 E						



B (



R H B C





	CD H 21-CF 1040 C 1
	-G
	CE

O		I	
P	N	D	A C