

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*

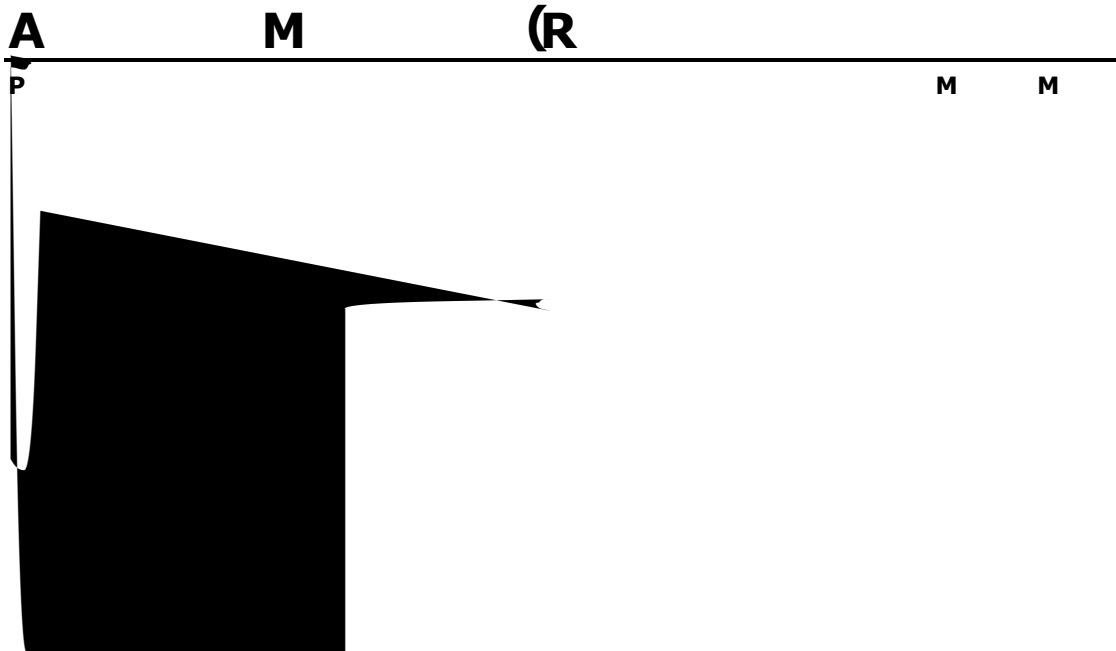
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- | | |
|-------------------------------------|--------------------------------------|
| • <i>OTN-OTU4</i> | • <i>Switch to rounter interface</i> |
| • <i>Switch to switch interface</i> | • <i>P to P Acess Network</i> |

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



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



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



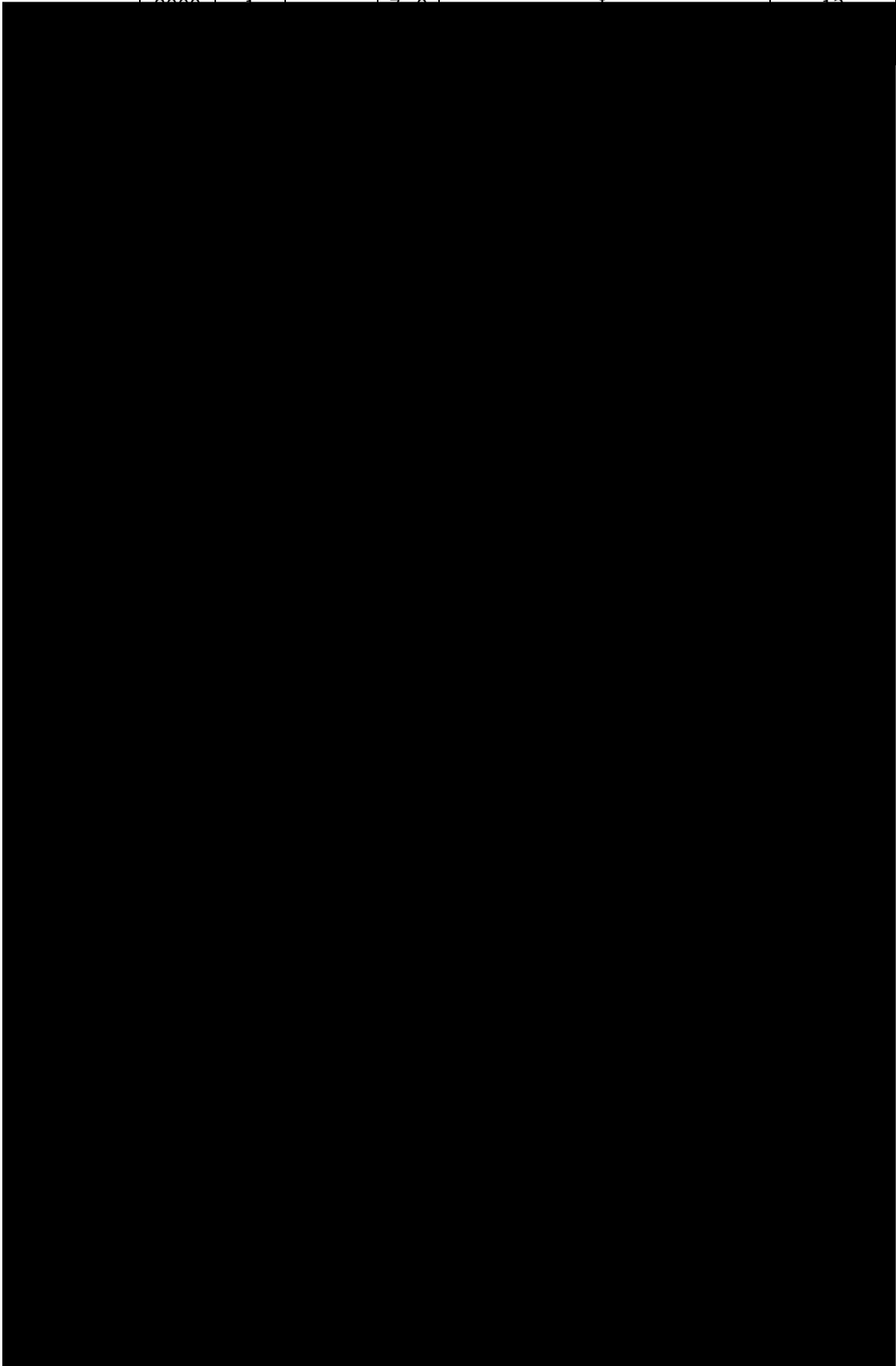
D						A & DI
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I



CFP N R1

CF 1						
H A		A	B		C (HE)	B
B ID I						
8888	1		7	8	12	/A
						/A
						/A
						/A
						/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			



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



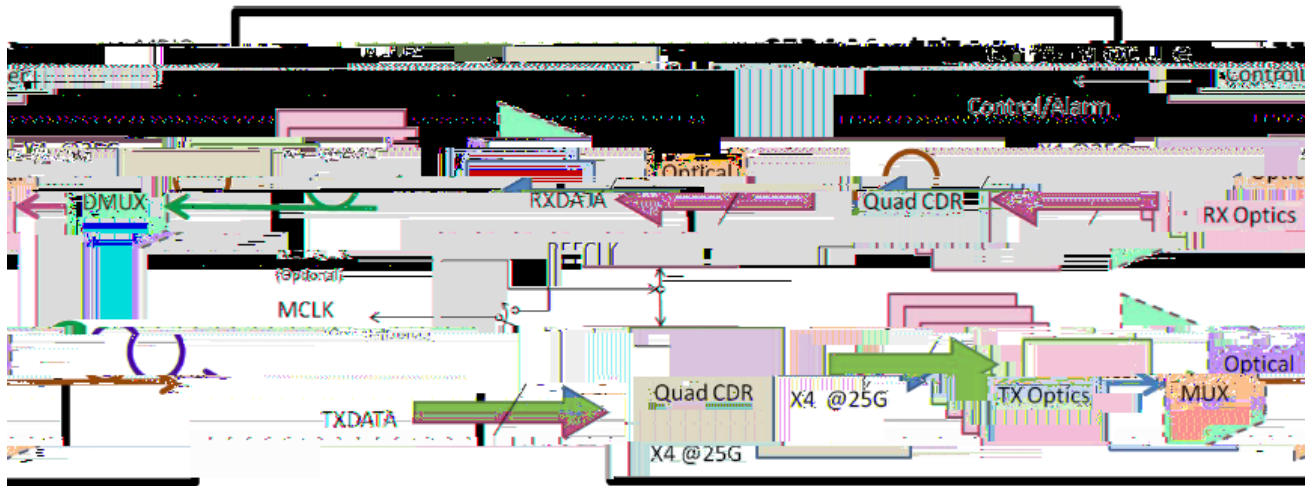


A410	16			H L F		
			15 2	L		
		/ H/C	1	FIF E		
		/ H/C	0	H		
H L FA E R (						
A420	16			H L F		
			15 2	E		
			1	FIF E E		
			0	H E		
H L D PRB R (						
A430	16			H L PRB		
				E C		
15 10 E						



B

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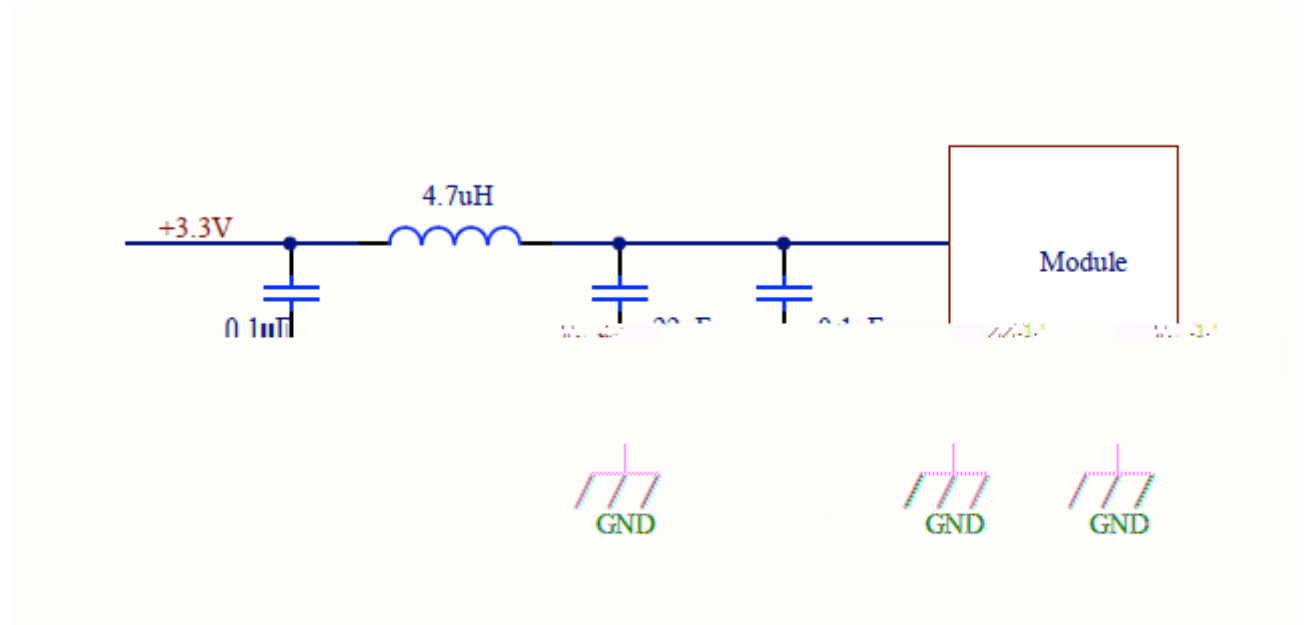


R

H

B

C





	CD H 21-CF 1040 C 1
	-G
	CE

O		I	
P	N	D	A
			C