

DATA SHEET

OC-12 Receiver Module w/ Clock Recovery



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This is the New Power of Gould!

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FEATURES

- Data regeneration, Clock recovery PECL output
- Operating wavelength 1200nm~1600nm
- Alarm function for low input optical power
- Indication function for input optical power level
- Standard DIP20 metallic package single mode
- FC/PC connector
- +5v power supply, low power consumption



APPLICATIONS

- For SDH/PDH optic fiber transmission system

SPECIFICATIONS (T=25°C)

Parameter	Min	Typ	Max
Bit Rate (Mb/s)		622.08	
Overload Power (dBm)	-3		
Sensitivity (dBm)		-30	-28
Responsivity Wavelength (nm)	1200		1600
Output clock jitter (mUI)		13	
Loop Bandwidth (KHz)		350	
Jitter gain (dB)			<0.08
Jitter Tolerance (ITU)		G.958	
Power consumption (W)		1.2	
Power supply voltage (V)	3.3		5.5

ABSOLUTE MAXIMUM RATINGS

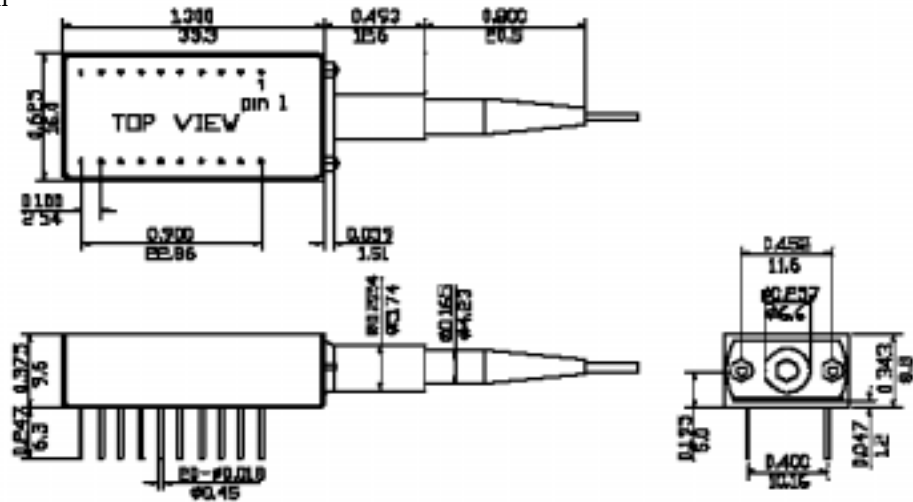
Power supply Vcc - Vee (V)	6
Operating temperature (°C)	-20 - +70
Storage temperature (°C)	-40 - +85
Lead soldering temperature (°C)	260
Lead soldering duration (s)	10
Fiber yield strength (kgf)	1
Fiber bend radius (mm)	30

PIN CONNECTIONS

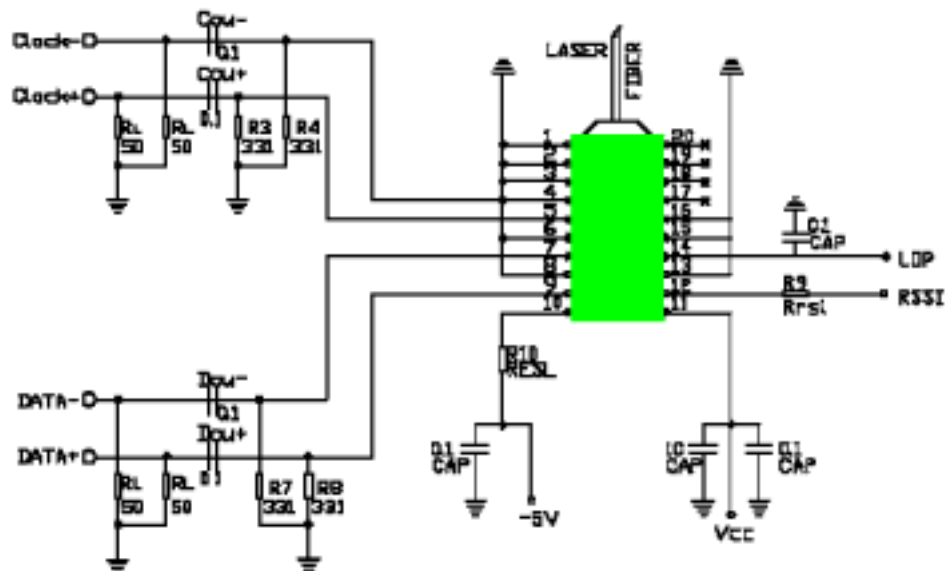
Pin	Description	Pin	Description
1	Ground	20	NC
2	Ground	19	NC
3	Ground	18	NC
4	Clock (-)	17	NC
5	Clock (+)	16	Ground
6	Ground	15	Ground
7	Data (-)	14	LOS
8	Ground	13	Ground
9	Data +	12	RSSI
10	VPIN	11	+Vcc

PACKAGE DIMENSIONS

Inch/mm

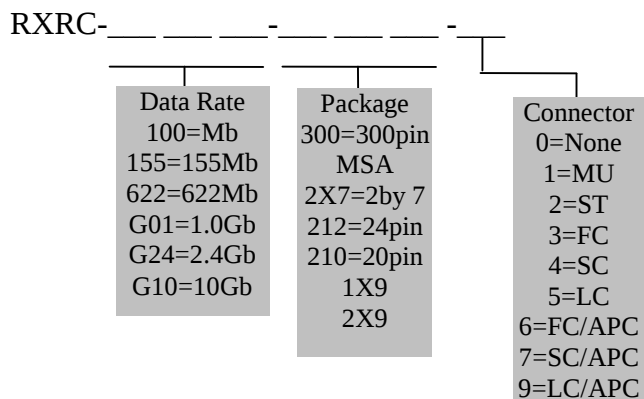


RECOMMENDED INTERFACE CIRCUIT



ORDERING INFORMATION

Receiver



To order or for additional information about this and other Gould products, please contact us at: Phone: 1-410-987-5600

Fax: 1-410-987-1201

Web: www.gouldfo.com

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