Product Information and Literature

HFBR-2316T

155 MBd 1300 nm Fiber Optic Receiver with Dual-in-line Package Panel-Mountable ST & SC Connector

LIFE CYCLE STATUS

AC - Active

This product is Market released and in full production.

FEATURES

- Low Cost Fiber Optic Link
- Signal Rates over 155 Megabaud
- 1300 nm Wavelength
- Link Distances over 5 km
- Dual-in-line Package Panel-Mountable ST* and SC Connector Receptacles
- Auto-Insertable and Wave-Solderable
- Specified with 62.5/125 um and 50/125 um Fiber
- Compatible with HFBR-0400 Series

Available Literature

Datasheet HFBR-1312T/2316T - 1300 nm Fiber Optic Transmitter and Receiver	187 KB pdf	
Application Note **AN 1123:** Inexpensive 20 to 160 MBd Fiber-Optic Solutions for Industrial, Medical, Telecom, and Proprietary Data Communication Applications	164 KB pdf	
Application Note **AN 1137:** Generic Printed Circuit Layout Rules for Low-Cost Fiber Optic Components	36 KB pdf	
Application Note **AN 1121:** Inexpensive dc to 32	96 KB pdf	

MBd Fiber-Optic Solutions for Industrial, Medical, Telecom, and Proprietary Data Communication Applications		
Application Note **AN 1122:** Inexpensive 2 to 70 MBd Fiber-Optic Solutions for Industrial, Medical, Telecom, and Proprietary Data Communication Applications	63 KB pdf	
Reliability Data 1300nm Fiber Optic Transmitter and Receiver	49 KB pdf	
Regulatory Certificate Fiber Optic Components UL Regulatory Certificate	369.147 KB pdf	
Regulatory Certificate Fiber Optic Components UL Regulatory Certificate for Canada	338.343 KB pdf	

Design Tools

Layout Printed circuit artwork for circuits shown in Application Note 1122	53.558 KB	
Layout Printed circuit artwork for circuits shown in Application Note 1123	69 KB pdf	
Layout Printed circuit artwork Trans1.exe for circuits 3 & 4 shown in AN 1121	100 KB pdf	
Layout Printed circuit artwork Trans2.exe for circuits 3 & 5 shown in AN 1121	108 KB pdf	
Layout Printed circuit artwork for circuits shown in Application Brief 78	84 KB pdf	
Layout Printed circuit artwork for circuits shown in Application Note 1123	122 KB pdf	

Related Products

HFBR-0310	Evaluation Kit for Proprietary Point-to-Point and Distance Extension

	for Applications up to 155 MBd
HFBR-1312T	155 MBd 1300 nm Fiber Optic Transmitter with Dual-in-line Package Panel-Mountable ST & SC Connector