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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



AFBR-0548Z Evaluation Kit

DC to 50MBd 650nm Versatile Link

Fiber Optic Miniature Evaluation Kit



User Guide

Introduction

AFBR-0548Z is used to evaluate Avago fiber optics device AFBR-1624Z and AFBR-2624Z.

The evaluation kit is equipped with necessary documents and accessories to ease production and verification.

Evaluation Kit

AFBR-0548Z contains

1. Evaluation board
2. AFBR-1624Z and AFBR-2624Z unit
3. AFBR-1624Z/AFBR-2624Z datasheet
4. HFBR-RNS001Z 1m Simplex POF Fiber
5. User guide document

Evaluation Board

The basic evaluation board that you receive from Avago incorporates passive components and connectors for direct TTL input and output. This basic evaluation board allows you to connect TTL sources with TTL sinks directly. The boards are intended for drop in customer test setups to allow the use of the Versatile Link AFBR-1624Z and AFBR-2624Z parts in existing application without major design modifications.

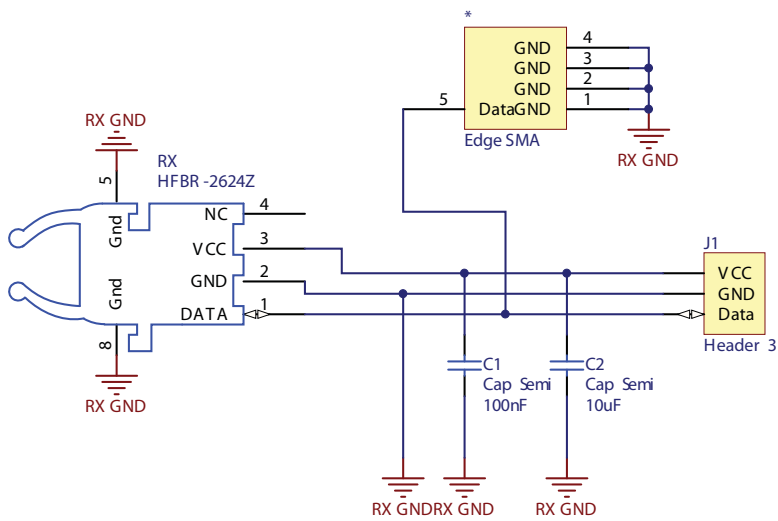
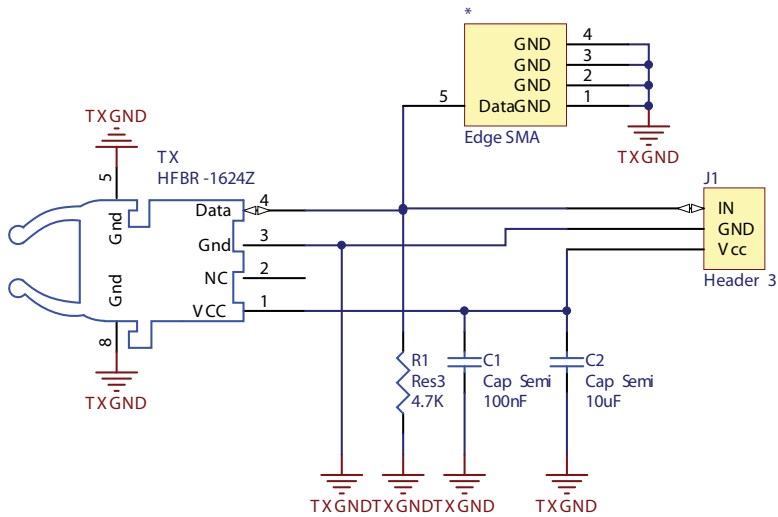
Bidirectional links require two sets of AFBR-0548Z and HFBR-RNS001Z simplex.

For unidirectional links the TX and RX PCB's can be separated along the dotted line.

For more detailed system analysis it is recommended to use the evaluation board AFBR-0546.

Initial Setup

1. Connect 3.3V or 5V supply voltage to 3.3V/5V pin of 3 pin connector
2. Connect 0V to GND pin of 3 pin connector
3. Connect TTL_In to pattern generator output
4. Connect TTL_Out to Oscilloscope or Bit Error Tester with high impedance input.
5. For use at data rates between 10MBd and 50MBd the use of SMA connectors (not included) is advisable.



* Edge SMA connector not assembled.

For product information and a complete list of distributors, please go to our web site: www.avagotech.com

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