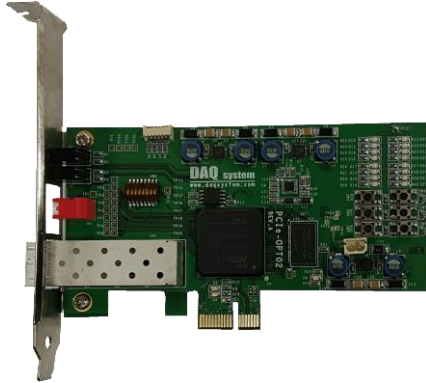


PCIe-OPT02

Single Fiber Receiver Board



INTRODUCTION

It is a popular optical receiver board used with EMB-OPT02.

GENERAL DESCRIPTION

- ◆ PCI Express 1x (Gen2) Interface
- ◆ PCI Bus Master Operation
- ◆ All of the board functions are controlled by the logic program of the FPGA.
- ◆ Use with EMB-OPT02 (Camera Link to Fiber)

APPLICATION

- ◆ Remote Image Receiver

SOFTWARE

- ▣ **Operating System**
 - Windows 2000/XP/7/8/10 (32/64bit)
- ▣ **API**
 - Interface with Application through client DLL

SPECIFICATION

▣ **Features**

- Up to 3.125Gbps bi-directional data links
- 2x10 pin SFF-like footprint
- Duplex LC connector
- Metal enclosure, for lower EMI

PHYSICAL/ENVIRONMENTAL

▣ **Dimension**

- Dimension (not including connectors)
: 120mm x 55 mm

▣ **Temperature**

- 0 to 60°C, Operating
- -10 to 85°C Storage

▣ **Relative Humidity**

- 5 to 95%, Non-considering

▣ **Power Requirement**

- 3.3V Single Power Operation at Max. 300mA

Board Connections

With EMB-OPT02 and EMB-OPT02_CA02_M Connection

