MAX96700COAXEVKIT

Evaluation Kit for the MAX96700 with Coax or STP Cable

Description

The MAX96700 evaluation kit (EV kit) provides a proven design to evaluate the MAX96700 high-bandwidth gigabit multimedia serial link (GMSL) deserializers with spread spectrum and full-duplex control channel, through the use of a standard FAKRA coax or STP cable. The EV kit also includes Windows Vista®- and Windows 7-compatible software that provides a simple graphical user interface (GUI) for exercising features of the device.

For complete GMSL evaluation, using a standard FAKRA coaxial cable, order the MAX96700 EV kit and a companion serializer board (e.g., the MAX96701 EV kit, referenced in this document). For testing with STP cable, also order the MAXCOAX2STP-HSD adapter kit and refer to its data sheet. Only one adapter kit is required per link (connecting the serializer and deserializer boards).

Note: In the following sections, MAX96700 and the term "deserializer" refer to the MAX96700 IC and MAX96701 and the term "serializer" refer to the MAX96701 IC.

Note: This document applies to both coax and STP EV kits. This document covers coax cables, but the information provided applies equally to STP cables.

Key Features

- Accepts GMSL Serial Data through FAKRA Connectors as Inputs and Outputs 16-Bit Parallel Output Data
- Power Over Coax (POC) Capable
- Windows Vista- and Windows 7-Compatible Software
- USB-Controlled Interface (Cable Included)
- Proven PCB Layout
- Fully Assembled and Teste

Applications/Uses

- Automotive Camera Applications