



Products

Legacy Products

Other products to view

Legacy Products

- ▶ **GV8502A**
DisplayPort extension over STP cables - up to 100 feet
- ▶ **GV8502**
HDMI extension over STP cables - highest performance up to 21Gbps
- ▶ **GT4123B**
Trimmable Two Input Analog Mixers
- ▶ **GS9092**
270Mb/s serializer with an internal FIFO and an integrated cable driver
- ▶ **GS9090A**
270Mb/s reclocking deserializer with an internal FIFO
- ▶ **GS9078A**
Multi-Rate Cable Driver
- ▶ **GS9068**
SD SDI Cable Driver
- ▶ **GS9065A**
Multi-Rate SDI Automatic Reclocker



Inside Circuit
Newsletter

▶ Get info on product updates, design tips and more...

Semtech GV8500/GV8501

HDMI/DisplayPort extension over CATx/Coax - up to 330 feet

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Overview

Diagrams & Specs

Docs & Resources

Sample & Buy

Not Recommended for New Designs in the Applications Listed Below

Features

- ▶ 10.2Gb/s HDMI 1.4 compatible
- ▶ 10.8Gb/s DisplayPort 1.1 compatible
- ▶ Maximum reach at 5Gbps (1900x1080p60) over Coax: 330 feet
- ▶ Maximum reach at 5Gbps (1900x1080p60) over CATx: 200 feet
- ▶ Maximum reach at 6.75Gbps over CATx: 150 feet
- ▶ Complete reference design kits (RDK) available - HDMI extender over 5-coax, HDMI extender over dual-CATx

Applications

- ▶ Professional A/V applications
- ▶ Custom installs of home theater systems
- ▶ HDMI extender boxes
- ▶ Wallplates
- ▶ Dongles or boosters

Order Codes

Part No	Package
GV8500-CNE3	16 pin QFN
GV8501-CNE3	16 pin QFN
RDK-CATX-HDMI00	HDMI over Dual-Cat5 Reference Design Kit
RDK-5COAX-HDMI00	HDMI over 5-coax Reference Design Kit