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## 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

## Semtech GV8500/GV8501

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

Overview

Diagrams &amp; Specs

Docs &amp; Resources

Sample &amp; 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

### Inside Circuit

Newsletter



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