



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

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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

Inside Circuit

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