

## HD/SD SDI Cable Driver 16-Pin WQFN EP T/R

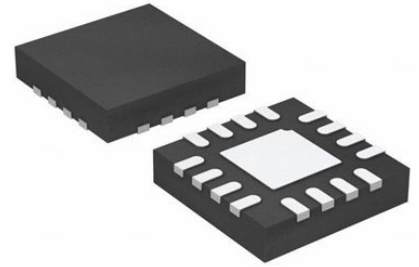
**Manufacturer:** [Texas Instruments, Inc](#)

**Package/Case:** WQFN16

**Product Type:** Drivers

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active



Images are for reference only

[Inquiry](#)

### General Description

The LMH0302 3-Gbps HD/SD SDI cable driver is designed for use in ST 424, ST 292, ST 344, and ST 259 serial digital video applications. The LMH0302 drives 75-Ω transmission lines (Belden 1694A, Belden 8281, or equivalent) at data rates up to 2.97 Gbps.

The LMH0302 provides two selectable slew rates for ST 259 and ST 424 or 292 compliance. The output driver may be powered down through the output driver enable pin.

The LMH0302 is powered from a single 3.3-V supply. Power consumption is typically 125 mW in SD mode and 165 mW in HD mode. The LMH0302 is available in a 16-pin WQFN package.

## Key Features

Supports ST 424 (3G), 292 (HD), and 259 (SD)

Data Rates up to 2.97 Gbps

Supports DVB-ASI at 270 Mbps

100-Ω Differential Input

75-Ω Single-Ended Outputs

Selectable Slew Rate

Output Driver Power-Down Control

Single 3.3-V Supply Operation

Industrial Temperature Range: -40°C to 85°C

Typical Power Consumption: 125 mW in SD Mode and 165 mW in HD Mode

16-Pin WQFN Package

Footprint Compatible With the LMH0002SQ

Replaces the Gennum GS2978

## Recommended For You

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### LMH881N

Texas Instruments, Inc

DIP8

### LMH1981MI/NOPB

Texas Instruments, Inc

TSSOP14

### LMH1981MTX/NOPB

Texas Instruments, Inc

TSSOP14

### LMH0002TMA/NOPB

Texas Instruments, Inc

SOIC-8

### LMH0046MH/NOPB

Texas Instruments, Inc

TSSOP20

### LMH881MX/NOPB

Texas Instruments, Inc

SOP8

### LMH881N/NOPB

Texas Instruments, Inc

DIP

### LMH0303SQ/NOPB

Texas Instruments, Inc

WQFN16

### LMH1228RTVT

Texas Instruments, Inc

WQFN32

### LMH0002MA/NOPB

Texas Instruments, Inc

SOIC-8

### LMH0346SQE/NOPB

Texas Instruments, Inc

24WQFN

### LMH0002SQ/NOPB

Texas Instruments, Inc

16-WQFN

**LMI296N**

Texas Instruments, Inc

DIP

**LMH1980MM/NOPB**

Texas Instruments, Inc

VSSOP10

**LMH001SQ/NOPB**

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QFN16