


Adaptive Cable Equalizer 16-Pin WQFN EP T/R

Manufacturer:	<u>Texas Instruments, Inc</u>
Package/Case:	WQFN16
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The LMH0074 SMPTE 259M / 344M Adaptive Cable Equalizer is designed to equalize data transmitted over cable (or any media with similar dispersive loss characteristics). The equalizer operates over a wide range of data rates from 125 Mbps to 540 Mbps and supports SMPTE 259M and SMPTE 344M. The LMH0074 implements DC restoration to correctly handle pathological data conditions. The equalizer may be driven in either a single ended or differential configuration.

Additional features include separate carrier detect and output mute pins which may be tied together to mute the output when no signal is present. A programmable mute reference is provided to mute the output at a selectable level of signal degradation.

Key Features

SMPTE 259M and SMPTE 344M Compliant

Supports DVB-ASI at 270 Mbps

Data Rates: 125 Mbps to 540 Mbps

Equalizes up to 400 Meters of Belden 1694A at 270 Mbps

Manual Bypass and Output Mute with a Programmable Threshold

Single-Ended or Differential Input

50? Differential Outputs

Single 3.3V Supply Operation

Industrial Temperature Range: ?40°C to +85°C

208mW Typical Power Consumption with 3.3V Supply

Footprint Compatible with the LMH0044 and the GS9074A

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Recommended For You

LMH0024MA/NOPB

Texas Instruments, Inc
SOP

LMH0344SQ/NOPB

Texas Instruments, Inc
QFN16

LMH0344SQE/NOPB

Texas Instruments, Inc
QFN

LMH0044SQE/NOPB

Texas Instruments, Inc
WQFN16

LMH1219RTWT

Texas Instruments, Inc
WQFN24

LMH0034MA/NOPB

Texas Instruments, Inc
SOP16

LMH0384SQ/NOPB

Texas Instruments, Inc
WQFN16

LMH0384SQE/NOPB

Texas Instruments, Inc
WQFN-16

LMH0395SQE/NOPB

Texas Instruments, Inc
WQFN-24

LMH0394SQE/NOPB

Texas Instruments, Inc
WQFN-16

LMH0074SQE/NOPB

Texas Instruments, Inc
WQFN16

LMH0024MAE/NOPB

Texas Instruments, Inc
SOIC-16

LMH0044SQ/NOPB

Texas Instruments, Inc
WQFN16

LMH0394SQX/NOPB

Texas Instruments, Inc
WQFN-16

LMH0394SQ/NOPB

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