
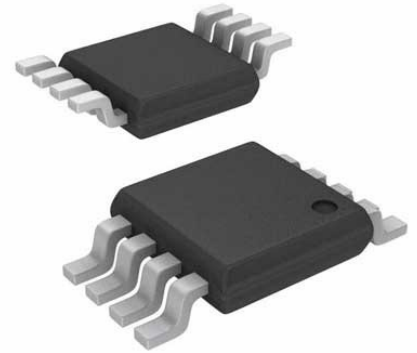


Single Video Switcher Automotive 8-Pin MSOP T/R

Manufacturer:	ROHM Semiconductor
Package/Case:	MSOP8
Product Type:	Discrete Semiconductor Modules
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

BH76330FVM and BH76331FVM are video signal switching ICs, each with three inputs and one circuit input, which feature wide dynamic range and frequency response. Since these ICs can be used with low voltage starting at $V_{CC}=2.8V$, they are applicable not only in stationary devices but also in mobile devices. This product line-up supports a broad range of input signals, depending on whether or not a 6dB video amplifier and video driver are included and what combination of sync tip clamp type and bias (resistor termination) type inputs are used.

Key Features

Able to use a wide range of power supply voltage, from 2.8V to 5.5V

Wide output dynamic range

Excellent frequency response (100kHz / 10MHz 0dB [typ.])

No crosstalk between channels (Typ. -65dB, $f=4.43MHz$)

Built-in standby function, circuit current during standby is $0\mu A$ (Typ.)

Sync tip clamp input (BH76330FVM)

Bias input ($Z_{in}=150k\Omega$) (BH76331FVM)

6dB amp and 75ohm driver are built in

Enables two load drivers [when using output coupling capacitor]

Able to be used without output coupling capacitor (BH76330FVM)

MSOP8 compact package

Recommended For You

BH76360FV-E2

ROHM Semiconductor
SSOP16

BH76206HFV-TR

ROHM Semiconductor
HVSOF-6

BH76331FVM-TR

ROHM Semiconductor
HVSOF6

BH76361FV-E2

ROHM Semiconductor
16-SSOP-B

BH76906GU-E2

ROHM Semiconductor
VCSP85H1

BH76806FVM-TR

ROHM Semiconductor
MSOP8

BH76106HFV-TR

ROHM Semiconductor
HVSOF6

BH76812FVM-TR

ROHM Semiconductor
MSOP8

BH7649KS2

ROHM Semiconductor
QFP

BH76112HFV-TR

ROHM Semiconductor
HVSOF6

BH76362FV-E2

ROHM Semiconductor
SSOP16

BH76912GU-E2

ROHM Semiconductor
AN

BH76363FV-E2

ROHM Semiconductor
SSOP16

BH76809FVM-TR

ROHM Semiconductor
SSOP-8

BH7673G-TR

ROHM Semiconductor
SOT23-5