

## Digital Isolator CMOS 2-CH 150Mbps Automotive 8-Pin SOIC N



Images are for reference only

[Inquiry](#)

**Manufacturer:** [Skyworks Solutions, Inc](#)

**Package/Case:** SOP8

**Product Type:** Drivers

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

### General Description

Note: Si84xx devices remain in production, but are not recommended for new designs. For new designs, please use Si86xx Digital Isolators instead. Si84xx digital isolators are the industry's highest-performance, easiest-to-use, and lowest-cost line of 2.5 to 5.0 kVrms rated digital isolators and are 10x more reliable than optocouplers.

### Key Features

5 kV, 2.5 kV and 1 kV isolation ratings

High integration: up to 6 isolation channels in a single package

High-speed operation: DC–150 Mbps

Wide operating supply voltage: 2.7 - 5.5 V

Low power consumption

Precise timing

Less than 10 ns propagation delay

2 ns pulse width distortion

1 ns channel-channel matching

2 ns pulse width skew

Transient immunity: >25 kV/ $\mu$ s

Enable controlled outputs

DC correct

No start-up initialization required

### Recommended For You

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**SI3210-GT**

Skyworks Solutions, Inc

TSSOP38

**Si8400AB-B-IS**

Skyworks Solutions, Inc

SOP8

**SI3210-KT**

Skyworks Solutions, Inc

TSSOP38

**SI3016-F-FS**

Skyworks Solutions, Inc

SOP16

**SI3201-KS**

Skyworks Solutions, Inc

SOP16

**SI3220-GQ**

Skyworks Solutions, Inc

QFP

**SI3200-GS**

Skyworks Solutions, Inc

SOP16

**SI8621AB-B-ISR**

Skyworks Solutions, Inc

SOP8

**SI8663ED-B-IS**

Skyworks Solutions, Inc

SOP16

**SI3201-GS**

Skyworks Solutions, Inc

SOP16

**SI8631AB-B-IS1R**

Skyworks Solutions, Inc

SOP16

**SI3201-FS**

Skyworks Solutions, Inc

SOP16

**SI3210M-FT**

Skyworks Solutions, Inc

TSSOP38

**SI8431AB-D-IS**

Skyworks Solutions, Inc

SOP16

**SI3210-FT**

Skyworks Solutions, Inc

TSSOP38