

## Digital Isolator CMOS 2-CH 1Mbps 8-Pin SOIC N T/R

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

**Package/Case:** SOP8

**Product Type:** Drivers

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active



Images are for reference only

[Inquiry](#)

## General Description

Si86xx digital isolators are the industry's highest performing, widest channel count series of uni- and bidirectional isolators, supporting up to reinforced 5 kVrms isolation ratings. Based on our patented CMOS isolation technology, Si86xx isolators enable robust operation in harsh industrial applications.

## Key Features

Up to 5 kVrms isolation

UL, CSA, VDE certification

60-year life at rated working voltage

High electromagnetic immunity

Supply voltage 2.5 to 5.5 V

Independent, bidirectional SDA and SCL isolation channels

Open drain outputs with 35 mA sink current

Supports I<sup>2</sup>C clocks up to 1.7 MHz

Unidirectional isolation channels support additional system signals (Si8605, Si8606)

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Common mode transient immunity 50 kV/μs

AEC-Q100 qualification

RoHS-compliant packages:

SOIC-8 narrow body

SOIC-16 wide body

SOIC-16 narrow body

SOIC-8 narrow body

SOIC-16 wide body

SOIC-16 narrow body

## 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

**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

**Si8422BB-D-IS**

Skyworks Solutions, Inc

SOP8