

Digital Isolator CMOS 6-CH 150Mbps 16-Pin SOIC N T/R



Images are for reference only

Manufacturer: [Skyworks Solutions, Inc](#)

Package/Case: SOP16

Product Type: Drivers

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

[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 I²C 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

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

SI3210MFT

Skyworks Solutions, Inc

TSSOP38

Si8431AB-D-IS

Skyworks Solutions, Inc

SOP16

SI3210-FT

Skyworks Solutions, Inc

TSSOP38