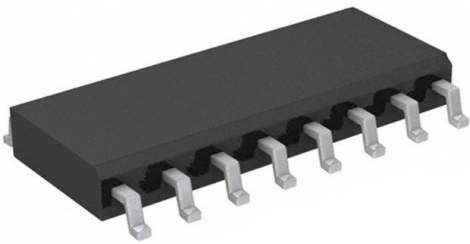


# DG409LDY Datasheet

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DiGi Electronics Part Number	DG409LDY-DG
Manufacturer	<a href="#">Vishay Siliconix</a>
Manufacturer Product Number	DG409LDY
Description	IC SWITCH SP4T X 2 290HM 16SOIC
Detailed Description	2 Circuit IC Switch 4:1 290hm 16-SOIC

This model DG409LDY is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

DG409LDY

Series:

-

Switch Circuit:

SP4T

Number of Circuits:

2

Channel-to-Channel Matching ( $\Delta R_{on}$ ):

10hm

Voltage - Supply, Dual ( $V_{\pm}$ ):

$\pm 3V \sim 6V$

-3db Bandwidth:

-

Channel Capacitance ( $C_S(\text{off})$ ,  $C_D(\text{off})$ ):

7pF, 20pF

Crosstalk:

-82dB @ 100kHz

Mounting Type:

Surface Mount

Supplier Device Package:

16-SOIC

Manufacturer:

Vishay Siliconix

Product Status:

Obsolete

Multiplexer/Demultiplexer Circuit:

4:1

On-State Resistance (Max):

290hm

Voltage - Supply, Single ( $V_+$ ):

2V ~ 12V

Switch Time ( $T_{on}$ ,  $T_{off}$ ) (Max):

55ns, 25ns

Charge Injection:

1pC

Current - Leakage ( $I_S(\text{off})$ ) (Max):

1nA

Operating Temperature:

-40°C ~ 85°C (TA)

Package / Case:

16-SOIC (0.154", 3.90mm Width)

Base Product Number:

DG409

## Environmental & Export classification

RoHS Status:

RoHS non-compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

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