

DG403DVZ

Data Sheet

Analogue Switch, SPDT, 2 Channels, 45 ohm, 5V to 34V, \pm 5V to \pm 17V, TSSOP, 16 Pins

Manufacturers	Renesas Technology Corp	personal
Package/Case	TSSOP-16	
Product Type	Interface ICs	mmm
RoHS	Rohs	
Lifecycle		Images are for reference only

Please submit RFQ for DG403DVZ or Email to us: sales@ovaga.com We will contact you in 12 hours.

<u>RFO</u>

General Description

Maxim's redesigned DG401/DG403/DG405 analog switches now feature guaranteed low on-resistance matching between switches (2Ω max) and guaranteed on-resistance flatness over the signal range (3Ω max). These low on-resistance switches (20Ω typ) conduct equally well in either direction and are guaranteed to have low charge injection (15pC max). The new design offers lower off leakage current over temperature (less than 5nA at +85°C). The DG401/DG403/DG405 are dual, high-speed switches. The single-pole/single-throw DG401 and double-pole/single-throw DG405 are normally open dual switches. The dual, single-pole/double-throw DG403 has two normally open and two normally closed switches. Switching times are 150ns max for tON and 100ns max for tOFF, with a maximum power consumption of 35μ W. These devices operate from a single +10V to +30V supply, or bipolar supplies of ±4.5V to ±20V. Maxim's improved DG401/DG403/DG405 are fabricated with a 44V silicon-gate process.

Features

ON Resistance (Max) 45Ω Low Power Consumption (P_D) <35 μ W Fast Switching Action tON (Max) 150ns tOFF (Max) 100ns Low Charge Injection DG401 Dual SPST; Same Pinout as HI-5041 DG403 Dual SPDT; DG190, IH5043, IH5151, HI-5051 TTL, CMOS Compatible Single or Split Supply Operation Pb-Free Plus Anneal Available (RoHS Compliant)

Related Products



DG408DJZ Renesas Technology Corp DIP-16



DG406DYZ Renesas Technology Corp SOP-28



Renesas Technology Corp SOIC-16

DG445DYZ



DG411DYZ Renesas Technology Corp SOIC-16

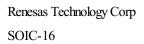






DG413DYZ-T

DG412DYZ



Battery-Powered Applications Communication Systems Guidance and Control Systems Heads-Up Displays

Military Radios

Application

Audio-Signal Routing

PBX, PABX

Sample-and-Hold Circuits

Test Equipment



DG409DYZ

Renesas Technology Corp SOIC-16

DG408DVZ-T

Renesas Technology Corp TSSOP-16

Renesas Technology Corp SOIC-16