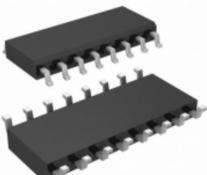# DG412FDY+

Images are for reference only.
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maxim integrated™

Part Number: DG412FDY+
Manufacturer Maxim Integrated
Description IC SWITCH QUAD SPST 16SOIC
Data sheet: DG411F-413F

RoHs Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER

Part Number	DG412FDY+	Manufacturer	Maxim Integrated
Description	IC SWITCH QUAD SPST 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	23164 pcs	Data sheet	DG411F-413F
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	9 V ~ 36 V
Voltage - Supply, Dual (V±)	±4.5 V ~ 20 V	Switch Time (Ton, Toff) (Max)	175ns, 145ns
Switch Circuit	SPST - NO	Supplier Device Package	16-SO
Series	-	Packaging	Tube
Package / Case	16-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	35 Ohm	Number of Circuits	4
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	4 Circuit IC Switch 1:1 35 Ohm 16-SO	Current - Leakage (IS(off)) (Max)	250pA
Crosstalk	-105dB @ 1MHz	Charge Injection	5pC
Channel-to-Channel Matching (ΔRon)	200 mOhm	Channel Capacitance (CS(off), CD(off))	15pF, 47pF
Base Part Number	DG412	-3db Bandwidth	-

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RELATED PRODUCTS

Part#: DG412HSAK Description: IC SWITCH QUAD SPST 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
Part#: DG412HSDJ-E3 Description: IC SWITCH QUAD SPST 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
Part#: DG412DYZ-T Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Intersil	RFQ
Part#: DG412HSDN-T1-E4 Description: IC SWITCH QUAD SPST 16-QFN 4XX4	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
Part#: DG412FDY+T Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
Part#: DG412HSAK-E3 Description: IC SWITCH QUAD SPST 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
Part#: DG412DY-E3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
Part#: DG412EUE+T Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Maxim Integrated	RFQ
Part#: DG412FEUE+T Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Maxim Integrated	RFQ
Part#: DG412DY-T1 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
Part#: DG412DY-T1-E3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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