

DG642DY-E3



Part Number: [DG642DY-E3](#)

Manufacturer: [Electro-Films \(EFI\) / Vishay](#)

Description: IC VIDEO SWITCH SPDT 8SOIC

Data sheet:  [DG641-643](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

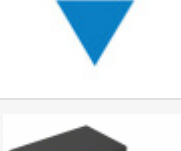
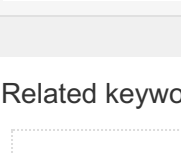
Images are for reference only.
See Product Specifications for product details.
Buy DG642DY-E3 with confidence from Component-World.HK, 1 Year Warranty

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	DG642DY-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC VIDEO SWITCH SPDT 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4046 pcs	Data sheet	DG641-643
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	3 V ~ 15 V
Voltage - Supply, Dual (V±)	±3 V ~ 15 V	Switch Time (Ton, Toff) (Max)	100ns, 60ns
Switch Circuit	SPDT	Supplier Device Package	8-SOIC
Series	-	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Other Names	DG642DYE3
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	8 Ohm
Number of Circuits	1	Multiplexer/Demultiplexer Circuit	2:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	1 Circuit IC Switch 2:1 8 Ohm 8-SOIC	Current - Leakage (IS(off)) (Max)	10nA
Crosstalk	-85dB @ 5MHz	Charge Injection	40pC
Channel-to-Channel Matching (ΔRon)	500 mOhm	Channel Capacitance (CS(off), CD(off))	20pF, 20pF
Base Part Number	DG642	-3db Bandwidth	500MHz

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Electro-Films (EFI) / Vishay series electronic components. We have 4046 pieces of Electro-Films (EFI) / Vishay DG642DY-E3 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.

RFQ Email: info@Components-World.com

RELATED PRODUCTS			
	Part#: DG636EEQ-T1-GE4 Description: IC SWITCH DUAL SPDT 14TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG636EQ-T1-E3 Description: IC SWITCH DUAL SPDT 14TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG643DY-T1-E3 Description: IC VIDEO SWITCH SPDT 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG641DY Description: IC VIDEO SWITCH SPDT 16DSOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG641DJ Description: IC VIDEO SWITCH SPDT 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG641DJ-E3 Description: IC VIDEO SWITCH SPDT 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG642DJ-E3 Description: IC VIDEO SWITCH SPDT 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG643DY Description: IC VIDEO SWITCH SPDT 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG641DY-E3 Description: IC VIDEO SWITCH SPDT 16DSOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG641DY-T1-E3 Description: IC VIDEO SWITCH SPDT16DSOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG643DY-T1 Description: IC VIDEO SWITCH SPDT 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG636EN-T1-E4 Description: IC SWITCH DUAL SPDT 16-MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG643DJ-E3 Description: IC VIDEO SWITCH SPDT 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG643DJ Description: IC VIDEO SWITCH SPDT 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG643DY-E3 Description: IC VIDEO SWITCH SPDT 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG642DY-T1 Description: IC VIDEO SWITCH SPDT 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG642DY Description: IC VIDEO SWITCH SPDT 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG642DY-T1-E3 Description: IC VIDEO SWITCH SPDT 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG642DJ Description: IC VIDEO SWITCH SPDT 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG641DY-T1 Description: IC VIDEO SWITCH SPDT 16DSOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

Related keywords for DG642DY-E3			
Electro-Films (EFI) / Vishay DG642DY-E3	DG642DY-E3 distributor	DG642DY-E3 supplier	DG642DY-E3 price
DG642DY-E3 download datasheet	DG642DY-E3 datasheet	DG642DY-E3 stock	buy DG642DY-E3
Electro-Films (EFI) / Vishay DG642DY-E3	Electro-Films (EFI) / Vishay DG642DY-E3	Vishay Electro-Films DG642DY-E3	Phoenix Passive Components / Vishay DG642DY-E3