



Electro-Films (EFI) / Vishay



DG642DY-E3

Part Number:	DG642DY-E3
Manufacturer/Brand:	Electro-Films (EFI) / Vishay
Product description	IC VIDEO SWITCH SPDT 8SOIC
Datasheets:	 DG642DY-E3.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of DG642DY-E3

PART NUMBER	DG642DY-E3
MANUFACTURER	Electro-Films (EFI) / Vishay
DESCRIPTION	IC VIDEO SWITCH SPDT 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 DG642DY-E3.pdf
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

Related Tags

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Related Products

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