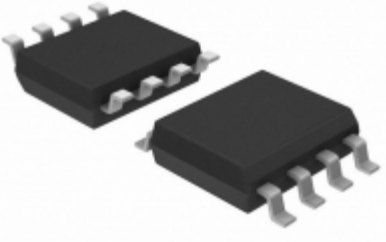
	<p><b>DG642DY</b></p>
	<p><b>Manufacturer Part Number:</b> <a href="#">DG642DY</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">Vishay / Siliconix</a></p> <p><b>Part of Description:</b> IC VIDEO SWITCH SPDT 8SOIC</p> <p><b>Datasheets:</b> <a href="#">PDF</a> <a href="#">DG642DY.pdf</a></p> <p><b>RoHs Status:</b> Contains lead / RoHS non-compliant</p> <p><b>Stock Condition:</b> New original, 22635 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
	
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	DG642DY
Manufacturer	Vishay / Siliconix
Description	IC VIDEO SWITCH SPDT 8SOIC
Category	Integrated Circuits (ICs) > Interface - Analog Switches,
Part Status	22635 pcs Stock
Series	-
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SOIC
Number of Circuits	1
-3db Bandwidth	500MHz
Multiplexer/Demultiplexer Circuit	2:1
Switch Circuit	SPDT
On-State Resistance (Max)	8 Ohm
Voltage - Supply, Single (V+)	3 V ~ 15 V
Voltage - Supply, Dual (V±)	±3 V ~ 15 V
Channel-to-Channel Matching (ΔRon)	500 mOhm
Switch Time (Ton, Toff) (Max)	100ns, 60ns
Charge Injection	40pC
Channel Capacitance (CS(off), CD(off))	20pF, 20pF
Current - Leakage (IS(off)) (Max)	10nA
Crosstalk	-85dB @ 5MHz
Packaging	Tube

DG642DY is New Original in Stock, Search DG642DY Datasheets, PDF, Inventory at Y-IC.com Online, Order DG642DY Vishay / Siliconix with warrantied and confidence. RFQ DG642DY : [Info@Y-IC.com](mailto:Info@Y-IC.com)

### You May Be Also Be interested

<p><b>In:</b></p>  <p><b>DG642DY-E3</b> Vishay / Siliconix IC VIDEO SWITCH SPDT 8SOIC</p>	 <p><b>DG642DY</b> Electro-Films (EFI) / Vishay IC VIDEO SWITCH SPDT 8SOIC</p>	 <p><b>DG642DJ-E3</b> Electro-Films (EFI) / Vishay IC VIDEO SWITCH SPDT 8DIP</p>	 <p><b>DG642DY-E3</b> Electro-Films (EFI) / Vishay IC VIDEO SWITCH SPDT 8SOIC</p>
 <p><b>DG642DJ-E3</b> Vishay / Siliconix IC VIDEO SWITCH SPDT 8DIP</p>	 <p><b>DG642DY-T1</b> Vishay / Siliconix IC VIDEO SWITCH SPDT 8SOIC</p>	 <p><b>DG642DJ</b> Vishay / Siliconix IC VIDEO SWITCH SPDT 8DIP</p>	 <p><b>DG642DY-T1-E3</b> Vishay / Siliconix IC VIDEO SWITCH SPDT 8SOIC</p>

### Hot Parts

More

04023U150GAT2A	12061C683MAT2A	12062C472KAZ2A	D 1812JA100JAT1A	AD712KRZ-REEL
APT15D100KG	BCM10433	BCM5789KFBG	BTB06-700BWRG	BU4220G-TR
CMM6004-SC	CTM1040T	CY7C199C-12VCT	DS14C335MSAX	FLC10-200D
D GRM033R61C153ME84D	GRM1885C1H7R2DA01D	GRM216R71H103JA01J	IDT74FCT16245ATPVG	IRFU120PBF
LC72130-D-E	LD063D105KAB2A	LSF0204DPWR	LTC3717EGN#TRPBF	LTC4088EDE-2
LUWJNSH.EC-BRBT-5E8G-1	MAX232ACSE+T	MAX8643AETG+T	MX7224KCWN-T	N044RH08
P1101SA-L	D P3409TIVG	PH100S280-28	RT9166A-12CXL	SA33A-E3/73
SF1500U27	SI9434BDY-T1-E3	SP207ECA-L/TR	SS25-E3/5BT	STP40NF20
T508N1600TOC	TD61N08LOF	TL1451ACPWR	D TMCMA1C155MTR	TMS320C30GBL
TPS77618DR	V375B48C300AL2	VH3.96-7Y	VI-224-IY	VI-710047

Contact us: [Info@Y-IC.com](mailto:Info@Y-IC.com)

ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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