



Maxim Integrated

## MAX14941GWE+T

Part Number:	MAX14941GWE+T
Manufacturer/Brand:	Maxim Integrated
Product description:	DGTL ISO 5KV 16SOIC
Datasheets:	MAX14941GWE+T.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	17326 pcs stock
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 MAX14941GWE+T

PART NUMBER	MAX14941GWE+T
MANUFACTURER	Maxim Integrated
DESCRIPTION	DGTL ISO 5KV 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	17326 pcs
DATA SHEET	MAX14941GWE+T.pdf
VOLTAGE - SUPPLY	1.71 V ~ 5.5 V, 4.5 V ~ 5.5 V
VOLTAGE - ISOLATION	5000Vrms
TYPE	RS485
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	-
RISE / FALL TIME (TYP)	15ns, 15ns (Max)
PULSE WIDTH DISTORTION (MAX)	-
PROPAGATION DELAY TPLH / TPHL (MAX)	68ns, 68ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OPERATING TEMPERATURE	-40°C ~ 105°C
NUMBER OF CHANNELS	3
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	2/1
DETAILED DESCRIPTION	RS485 Digital Isolator 5000Vrms 3 Channel 20Mbps 35kV/μs (Typ) CMTI 16-SOIC (0.295", 7.50mm Width)
DATA RATE	20Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	35kV/μs (Typ)
CHANNEL TYPE	Unidirectional

### Related Tags

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### Related Products

<p><b>MAX14945EWE+T</b> Manufacturers: Maxim Integrated Description: DGTL ISO 2.75KV 16SOIC In stock: 27235 pcs</p> <p><b>RFQ</b></p>	<p><b>MAX1493XWEVKIT#</b> Manufacturers: Maxim Integrated Description: EVAL KIT MAX14930/31/32/34/35/36 In stock: 3012 pcs</p> <p><b>RFQ</b></p>
<p><b>MAX1493XSEVKIT#</b> Manufacturers: Maxim Integrated Description: EVAL KIT MAX14930-33 SOIC N In stock: 2418 pcs</p> <p><b>RFQ</b></p>	<p><b>MAX14945EWE+</b> Manufacturers: Maxim Integrated Description: DGTL ISO 2.75KV 16SOIC In stock: 21184 pcs</p> <p><b>RFQ</b></p>
<p><b>MAX14942GWE+T</b> Manufacturers: Maxim Integrated Description: DGTL ISO 5KV 16SOIC In stock: 22660 pcs</p> <p><b>RFQ</b></p>	<p><b>MAX14940GWE+</b> Manufacturers: Maxim Integrated Description: IC TXRX RS485 20MBPS 16SOIC In stock: 3950 pcs</p> <p><b>RFQ</b></p>
<p><b>MAX14942GWE+</b> Manufacturers: Maxim Integrated Description: DGTL ISO 5KV 16SOIC In stock: 16743 pcs</p> <p><b>RFQ</b></p>	<p><b>MAX14943GWE+T</b> Manufacturers: Maxim Integrated Description: DGTL ISO 5KV 16SOIC In stock: 5652 pcs</p> <p><b>RFQ</b></p>
<p><b>MAX14941GWE+</b> Manufacturers: Maxim Integrated Description: DGTL ISO 5KV 16SOIC In stock: 17130 pcs</p> <p><b>RFQ</b></p>	<p><b>MAX14940GWE+T</b> Manufacturers: Maxim Integrated Description: IC TXRX RS485 20MBPS 16SOIC In stock: 5989 pcs</p> <p><b>RFQ</b></p>
<p><b>MAX1493EVKIT+</b> Manufacturers: Maxim Integrated Description: KIT EVAL FOR MAX1493 In stock: 953 pcs</p> <p><b>RFQ</b></p>	<p><b>MAX14943GWE+</b> Manufacturers: Maxim Integrated Description: 5KVRMSISOLATED 20MBPS HALF-DUPLE In stock: 3780 pcs</p> <p><b>RFQ</b></p>