



Maxim Integrated

## MAX14851AEE+

Part Number:	MAX14851AEE+
Manufacturer/Brand:	Maxim Integrated
Product description:	SIX-CHANNEL DIGITAL ISOLATOR
Datasheets:	MAX14851AEE+.pdf
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of MAX14851AEE+

PART NUMBER	MAX14851AEE+
MANUFACTURER	Maxim Integrated
DESCRIPTION	SIX-CHANNEL DIGITAL ISOLATOR
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	MAX14851AEE+.pdf
VOLTAGE - SUPPLY	3 V ~ 5.5 V
VOLTAGE - ISOLATION	600Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-QSOP
SERIES	-
RISE / FALL TIME (TYP)	5ns (Max), 5ns (Max)
PULSE WIDTH DISTORTION (MAX)	2.9ns
PROPAGATION DELAY TPLH / TPHL (MAX)	11.6ns, 11.8ns
PACKAGING	Tube
PACKAGE / CASE	16-SSOP (0.154", 3.90mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	6
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	4/4
DETAILED DESCRIPTION	General Purpose Digital Isolator 600Vrms 6 Channel 2Mbps, 50Mbps 3.2kV/μs CMTI 16-SSOP (0.154", 3.90mm Width)
DATA RATE	2Mbps, 50Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	3.2kV/μs
CHANNEL TYPE	Bidirectional, Unidirectional

### Related Tags

Maxim Integrated MAX14851AEE+	MAX14851AEE+ Distributor	MAX14851AEE+ Supplier
MAX14851AEE+ Price	MAX14851AEE+ Pictures	MAX14851AEE+ Image
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### Related Products

<p><b>MAX14850ASE+T</b> Manufacturers: Maxim Integrated Description: DGTL ISO 600V GEN PURP 16SOIC In stock: Out stock <a href="#">RFQ</a></p>	<p><b>MAX14850AEE+</b> Manufacturers: Maxim Integrated Description: DGTL ISO 600V GEN PURP 16SSOP In stock: 524 pcs <a href="#">RFQ</a></p>
<p><b>MAX14853GWE+T</b> Manufacturers: Maxim Integrated Description: IC TXRX RS-485/RS-422 16SOIC In stock: Out stock <a href="#">RFQ</a></p>	<p><b>MAX14851AEE+T</b> Manufacturers: Maxim Integrated Description: SIX-CHANNEL DIGITAL ISOLATOR In stock: Out stock <a href="#">RFQ</a></p>
<p><b>MAX14852GWE+</b> Manufacturers: Maxim Integrated Description: IC TXRX RS-485/RS-422 16SOIC In stock: 139 pcs <a href="#">RFQ</a></p>	<p><b>MAX14850AEE+T</b> Manufacturers: Maxim Integrated Description: DGTL ISO 600V GEN PURP 16SSOP In stock: Out stock <a href="#">RFQ</a></p>
<p><b>MAX14853GWE+</b> Manufacturers: Maxim Integrated Description: IC TXRX RS-485/RS-422 16SOIC In stock: 10 pcs <a href="#">RFQ</a></p>	<p><b>MAX14850ASE+</b> Manufacturers: Maxim Integrated Description: DGTL ISO 600V GEN PURP 16SOIC In stock: Out stock <a href="#">RFQ</a></p>
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