



Maxim Integrated

## MAX4581ESE+

Part Number:	MAX4581ESE+
Manufacturer/Brand:	Maxim Integrated
Product description:	IC MULTIPLEXER 8X1 16SOIC
Datasheets:	<a href="#">1.MAX4581ESE+.pdf</a> <a href="#">2.MAX4581ESE+.pdf</a>
RoHs Status:	Lead free / RoHS Compliant
Stock Condition:	42615 pcs stock
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 MAX4581ESE+

PART NUMBER	MAX4581ESE+
MANUFACTURER	Maxim Integrated
DESCRIPTION	IC MULTIPLEXER 8X1 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	42615 pcs
DATA SHEET	<a href="#">1.MAX4581ESE+.pdf</a> <a href="#">2.MAX4581ESE+.pdf</a>
VOLTAGE - SUPPLY, SINGLE (V+)	2 V ~ 12 V
VOLTAGE - SUPPLY, DUAL (V±)	±2 V ~ 6 V
SWITCH TIME (TON, TOFF) (MAX)	200ns, 100ns
SWITCH CIRCUIT	-
SUPPLIER DEVICE PACKAGE	16-SO
SERIES	-
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
ON-STATE RESISTANCE (MAX)	80 Ohm
NUMBER OF CIRCUITS	1
MULTIPLEXER/DEMULTIPLEXER CIRCUIT	8:1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	1 Circuit IC Switch 8:1 80 Ohm 16-SO
CURRENT - LEAKAGE (IS(OFF)) (MAX)	1nA
CROSSTALK	-78dB @ 1MHz
CHARGE INJECTION	0.5pC
CHANNEL-TO-CHANNEL MATCHING (ΔRON)	1 Ohm
CHANNEL CAPACITANCE (CS(OFF), CD(OFF))	4pF, 18pF
BASE PART NUMBER	MAX4581
-3DB BANDWIDTH	-

### Related Tags

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<p><b>MAX4581EEE+T</b>                  Manufacturers: Maxim Integrated                  Description: IC MULTIPLEXER 8X1 16QSOP                  In stock: 70547 pcs  <a href="#">RFQ</a></p>	<p><b>MAX4581ETE+T</b>                  Manufacturers: Maxim Integrated                  Description: IC MULTIPLEXER 8X1 16TQFN                  In stock: 5596 pcs  <a href="#">RFQ</a></p>
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<p><b>MAX4581EPE+</b>                  Manufacturers: Maxim Integrated                  Description: IC MULTIPLEXER 8X1 16DIP                  In stock: 36664 pcs  <a href="#">RFQ</a></p>	<p><b>MAX4581ETE+</b>                  Manufacturers: Maxim Integrated                  Description: IC MULTIPLEXER 8X1 16TQFN                  In stock: 70119 pcs  <a href="#">RFQ</a></p>