



Maxim Integrated



MAX19527EXE+

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX19527EXE+                                                                                                 |
| Manufacturer/Brand: | Maxim Integrated                                                                                             |
| Product description | IC ADC 12BIT 8CH 50MSPS 144CTBGA                                                                             |
| Datasheets:         | <a href="#">1.MAX19527EXE+.pdf</a><br><a href="#">2.MAX19527EXE+.pdf</a>                                     |
| 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.

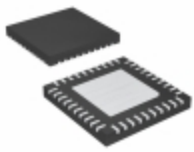
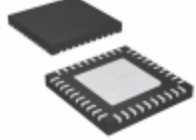
Specifications of MAX19527EXE+

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| PART NUMBER                      | MAX19527EXE+                                                             |
| MANUFACTURER                     | Maxim Integrated                                                         |
| DESCRIPTION                      | IC ADC 12BIT 8CH 50MSPS 144CTBGA                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                               |
| DATA SHEET                       | <a href="#">1.MAX19527EXE+.pdf</a><br><a href="#">2.MAX19527EXE+.pdf</a> |
| VOLTAGE - SUPPLY, DIGITAL        | 1.7 V ~ 1.9 V                                                            |
| VOLTAGE - SUPPLY, ANALOG         | 1.7 V ~ 1.9 V                                                            |
| SUPPLIER DEVICE PACKAGE          | 144-CTFBGA                                                               |
| SERIES                           | -                                                                        |
| SAMPLING RATE (PER SECOND)       | 50M                                                                      |
| REFERENCE TYPE                   | External, Internal                                                       |
| RATIO - S/H:ADC                  | 1:1                                                                      |
| PACKAGING                        | Tube                                                                     |
| PACKAGE / CASE                   | 144-TFBGA                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                             |
| NUMBER OF INPUTS                 | 8                                                                        |
| NUMBER OF BITS                   | 12                                                                       |
| NUMBER OF A/D CONVERTERS         | 8                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                               |
| INPUT TYPE                       | Differential                                                             |
| FEATURES                         | Simultaneous Sampling                                                    |
| DETAILED DESCRIPTION             | 12 Bit Analog to Digital Converter 8 Input 8 Pipelined 144-CTFBGA        |
| DATA INTERFACE                   | LVDS - Serial                                                            |
| CONFIGURATION                    | S/H-ADC                                                                  |
| BASE PART NUMBER                 | MAX19527                                                                 |
| ARCHITECTURE                     | Pipelined                                                                |

Related Tags

|                               |                                 |                                   |
|-------------------------------|---------------------------------|-----------------------------------|
| Maxim Integrated MAX19527EXE+ | MAX19527EXE+ Distributor        | MAX19527EXE+ Supplier             |
| MAX19527EXE+ Price            | MAX19527EXE+ Pictures           | MAX19527EXE+ Image                |
| MAX19527EXE+ PDF Datasheet    | MAX19527EXE+ Download Datasheet | MAX19527EXE+ Datasheet            |
| MAX19527EXE+ Stock            | Buy MAX19527EXE+                | Buy Maxim Integrated MAX19527EXE+ |
| Maxim Integrated MAX19527EXE+ | Maxim Integrated Supplier       | Maxim Integrated Distributor      |
| Maxim Integrated MAX19527EXE+ |                                 |                                   |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MAX19526EXE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ADC 12BIT 8CH 40MSPS 144CTBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MAX19526EXE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ADC 12BIT 8CH 40MSPS 144CTBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MAX1951ESA+TW</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BUCK ADJ 2A SYNC 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MAX19528EXE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ADC 12BIT 8CH 64MSPS 144CTBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MAX1952ESA+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BUCK 1.8V 2A SYNC 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MAX1951ESA+W</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BUCK ADJ 2A SYNC 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MAX19527EVKIT+</b><br/>Manufacturers: Maxim Integrated<br/>Description: EVAL KIT MAX19527<br/>In stock: Out stock<br/><div>RFQ</div></div>              | <div></div> <div><b>MAX19538ETL+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ADC 12BIT 95MSPS 40-TQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
| <div></div> <div><b>MAX1951EVKIT</b><br/>Manufacturers: Maxim Integrated<br/>Description: EVAL KIT MAX1951, MAX1952<br/>In stock: Out stock<br/><div>RFQ</div></div>        | <div></div> <div><b>MAX19528EXE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ADC 12BIT 8CH 64MSPS 144CTBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MAX19538ETL+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ADC 12BIT 95MSPS 40-TQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>MAX1952ESA+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BUCK 1.8V 2A SYNC 8SOIC<br/>In stock: 281 pcs<br/><div>RFQ</div></div>       |