



MAX1316ECM+T

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|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX1316ECM+T                                                                                                                                                                                                 |
| Manufacturer/Brand: | Maxim Integrated                                                                                                                                                                                             |
| Product description | IC ADC 14BIT 4CH 357KSPS 48LQFP                                                                                                                                                                              |
| Datasheets:         |  1.MAX1316ECM+T.pdf<br> 2.MAX1316ECM+T.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                 |
| Stock Condition     | 5505 pcs stock                                                                                                                                                                                               |
| Ship From           | Hong Kong                                                                                                                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                        |

REQUEST FOR QUOTATION

Specifications of MAX1316ECM+T

|                                  |                                                                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MAX1316ECM+T                                                                                                                                                                                                     |
| MANUFACTURER                     | Maxim Integrated                                                                                                                                                                                                 |
| DESCRIPTION                      | IC ADC 14BIT 4CH 357KSPS 48LQFP                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 5505 pcs                                                                                                                                                                                                         |
| DATA SHEET                       |  1.MAX1316ECM+T.pdf<br> 2.MAX1316ECM+T.pdf |
| VOLTAGE - SUPPLY, DIGITAL        | 2.7 V ~ 5.25 V                                                                                                                                                                                                   |
| VOLTAGE - SUPPLY, ANALOG         | 5V                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP/48-TQFP (7x7)                                                                                                                                                                                            |
| SERIES                           | -                                                                                                                                                                                                                |
| SAMPLING RATE (PER SECOND)       | 250k                                                                                                                                                                                                             |
| REFERENCE TYPE                   | External, Internal                                                                                                                                                                                               |
| RATIO - S/H:ADC                  | 8:1                                                                                                                                                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 48-LQFP                                                                                                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                                                                                                     |
| NUMBER OF INPUTS                 | 8                                                                                                                                                                                                                |
| NUMBER OF BITS                   | 14                                                                                                                                                                                                               |
| NUMBER OF A/D CONVERTERS         | 1                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                       |
| INPUT TYPE                       | Single Ended                                                                                                                                                                                                     |
| FEATURES                         | Simultaneous Sampling                                                                                                                                                                                            |
| DETAILED DESCRIPTION             | 14 Bit Analog to Digital Converter 8 Input 1 SAR 48-LQFP/48-TQFP (7x7)                                                                                                                                           |
| DATA INTERFACE                   | Parallel                                                                                                                                                                                                         |
| CONFIGURATION                    | MUX-S/H-ADC                                                                                                                                                                                                      |
| BASE PART NUMBER                 | MAX1316                                                                                                                                                                                                          |
| ARCHITECTURE                     | SAR                                                                                                                                                                                                              |

Related Tags

|                               |                                 |                                   |
|-------------------------------|---------------------------------|-----------------------------------|
| Maxim Integrated MAX1316ECM+T | MAX1316ECM+T Distributor        | MAX1316ECM+T Supplier             |
| MAX1316ECM+T Price            | MAX1316ECM+T Pictures           | MAX1316ECM+T Image                |
| MAX1316ECM+T PDF Datasheet    | MAX1316ECM+T Download Datasheet | MAX1316ECM+T Datasheet            |
| MAX1316ECM+T Stock            | Buy MAX1316ECM+T                | Buy Maxim Integrated MAX1316ECM+T |
| Maxim Integrated MAX1316ECM+T | Maxim Integrated Supplier       | Maxim Integrated Distributor      |
| Maxim Integrated MAX1316ECM+T |                                 |                                   |

Related Products

|                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MAX13172ECAI+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TRANSCEIVER SELECTABLE SSOP<br/>In stock: 5576 pcs<br/><b>RFQ</b></div> |  <div><b>MAX1312ECM+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ADC 12BIT 8CH 456KSPS 48LQFP<br/>In stock: 6153 pcs<br/><b>RFQ</b></div>   |
|  <div><b>MAX13172ECAI+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TRANSCEIVER SELECTABLE SSOP<br/>In stock: 6479 pcs<br/><b>RFQ</b></div>  |  <div><b>MAX13174ECAG+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC CBL TERMINATION NETWRK 24SSOP<br/>In stock: 6919 pcs<br/><b>RFQ</b></div> |
|  <div><b>MAX13170ECAI+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TRANSCEIVER 3TX/3RX SSOP<br/>In stock: 5615 pcs<br/><b>RFQ</b></div>    |  <div><b>MAX13170ECAI+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TRANSCEIVER 3TX/3RX SSOP<br/>In stock: 6151 pcs<br/><b>RFQ</b></div>      |
|  <div><b>MAX1313ECM+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ADC 12BIT 4CH 680KSPS 48LQFP<br/>In stock: 6580 pcs<br/><b>RFQ</b></div>   |  <div><b>MAX1316ECM+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ADC 14BIT 8CH 250KSPS 48LQFP<br/>In stock: 4066 pcs<br/><b>RFQ</b></div>    |
|  <div><b>MAX1313ECM+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ADC 12BIT 4CH 680KSPS 48LQFP<br/>In stock: 4432 pcs<br/><b>RFQ</b></div>  |  <div><b>MAX1314ECM+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ADC 12BIT 2CH 901KSPS 48LQFP<br/>In stock: 4270 pcs<br/><b>RFQ</b></div>   |
|  <div><b>MAX1314ECM+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ADC 12BIT 2CH 901KSPS 48LQFP<br/>In stock: 9952 pcs<br/><b>RFQ</b></div>   |  <div><b>MAX13172EEVKIT+</b><br/>Manufacturers: Maxim Integrated<br/>Description: EVAL KIT MAX13172E<br/>In stock: 5521 pcs<br/><b>RFQ</b></div>             |