



Maxim Integrated



Image may be representation. See specifications for product details.

DS18S20Z/T&R

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DS18S20Z/T&R                                                                                                           |
| Manufacturer/Brand: | Maxim Integrated                                                                                                       |
| Product description | SENSOR DIGITAL -55C-125C 8SOIC                                                                                         |
| Datasheets:         |  <a href="#">DS18S20Z/T&amp;R.pdf</a> |
| RoHs Status         |  Contains lead / RoHS non-compliant   |
| Stock Condition     | 3496 pcs stock                                                                                                         |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

Specifications of DS18S20Z/T&R

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DS18S20Z/T&R                                                                                                             |
| MANUFACTURER                     | Maxim Integrated                                                                                                         |
| DESCRIPTION                      | SENSOR DIGITAL -55C-125C 8SOIC                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                       |
| QUANTITY AVAILABLE               | 3496 pcs                                                                                                                 |
| DATA SHEET                       |  <a href="#">DS18S20Z/T&amp;R.pdf</a> |
| VOLTAGE - SUPPLY                 | 3 V ~ 5.5 V                                                                                                              |
| TEST CONDITION                   | -10°C ~ 85°C (-55°C ~ 125°C)                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                                   |
| SERIES                           | -                                                                                                                        |
| SENSOR TYPE                      | Digital, Local                                                                                                           |
| SENSING TEMPERATURE - REMOTE     | -                                                                                                                        |
| SENSING TEMPERATURE - LOCAL      | -55°C ~ 125°C                                                                                                            |
| RESOLUTION                       | 8 b                                                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                                         |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                            |
| OUTPUT TYPE                      | 1-Wire®                                                                                                                  |
| OPERATING TEMPERATURE            | -55°C ~ 125°C                                                                                                            |
| MOUNTING TYPE                    | Surface Mount                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                       |
| FEATURES                         | Output Switch, Programmable Limit, Standby Mode                                                                          |
| DETAILED DESCRIPTION             | Temperature Sensor Digital, Local -55°C ~ 125°C 8 b 8-SOIC                                                               |
| ACCURACY - HIGHEST (LOWEST)      | ±0.5°C (±2°C)                                                                                                            |

Related Tags

|                               |                                 |                                   |
|-------------------------------|---------------------------------|-----------------------------------|
| Maxim Integrated DS18S20Z/T&R | DS18S20Z/T&R Distributor        | DS18S20Z/T&R Supplier             |
| DS18S20Z/T&R Price            | DS18S20Z/T&R Pictures           | DS18S20Z/T&R Image                |
| DS18S20Z/T&R PDF Datasheet    | DS18S20Z/T&R Download Datasheet | DS18S20Z/T&R Datasheet            |
| DS18S20Z/T&R Stock            | Buy DS18S20Z/T&R                | Buy Maxim Integrated DS18S20Z/T&R |
| Maxim Integrated DS18S20Z/T&R | Maxim Integrated Supplier       | Maxim Integrated Distributor      |
| Maxim Integrated DS18S20Z/T&R |                                 |                                   |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DS1920-F5+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IBUTTON TEMPERATURE F5<br/>In stock: 10672 pcs<br/><div>RFQ</div></div>               |  <div><b>DS1921Z-F5#</b><br/>Manufacturers: Maxim Integrated<br/>Description: IBUTTON THERMOCHRON F5<br/>In stock: 2268 pcs<br/><div>RFQ</div></div>                  |
|  <div><b>DS18S20Z</b><br/>Manufacturers: Maxim Integrated<br/>Description: SENSOR DIGITAL -55C-125C 8SOIC<br/>In stock: 5272 pcs<br/><div>RFQ</div></div>          |  <div><b>DS1921H-F5#</b><br/>Manufacturers: Maxim Integrated<br/>Description: IBUTTON THERMOCHRON F5<br/>In stock: 2272 pcs<br/><div>RFQ</div></div>                  |
|  <div><b>DS18S20Z+T&amp;R</b><br/>Manufacturers: Maxim Integrated<br/>Description: SENSOR DIGITAL -55C-125C 8SOIC<br/>In stock: 45396 pcs<br/><div>RFQ</div></div> |  <div><b>DS1921G-F5#</b><br/>Manufacturers: Maxim Integrated<br/>Description: IBUTTON THERMOCHRON F5<br/>In stock: 2310 pcs<br/><div>RFQ</div></div>                  |
|  <div><b>DS18S20Z+</b><br/>Manufacturers: Maxim Integrated<br/>Description: SENSOR DIGITAL -55C-125C 8SOIC<br/>In stock: 33103 pcs<br/><div>RFQ</div></div>        |  <div><b>DS1921K#</b><br/>Manufacturers: Maxim Integrated<br/>Description: KIT IBUTTON THERMOCHRON<br/>In stock: 937 pcs<br/><div>RFQ</div></div>                     |
|  <div><b>DS1904L-F5#</b><br/>Manufacturers: Maxim Integrated<br/>Description: IBUTTON RTC F5 MICROCAN<br/>In stock: 10455 pcs<br/><div>RFQ</div></div>             |  <div><b>DS18S20-W</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC THERM MICROLAN HI-PREC TO-92<br/>In stock: 5758 pcs<br/><div>RFQ</div></div>           |
|  <div><b>DS18S20/T&amp;R</b><br/>Manufacturers: Maxim Integrated<br/>Description: SENSOR DIGITAL -55C-125C TO92-3<br/>In stock: 4715 pcs<br/><div>RFQ</div></div>  |  <div><b>DS18S20-SL+T&amp;R</b><br/>Manufacturers: Maxim Integrated<br/>Description: SENSOR DIGITAL -55C-125C TO92-3<br/>In stock: 39212 pcs<br/><div>RFQ</div></div> |