



 **AMI Semiconductor / ON**

## LM311M

Part Number: LM311M  
 Manufacturer/Brand: AMI Semiconductor / ON Semiconductor  
 Product description: IC COMPARATOR SINGLE 8-SOP  
 Datasheets:  LM311M.pdf  
 RoHS Status:  Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

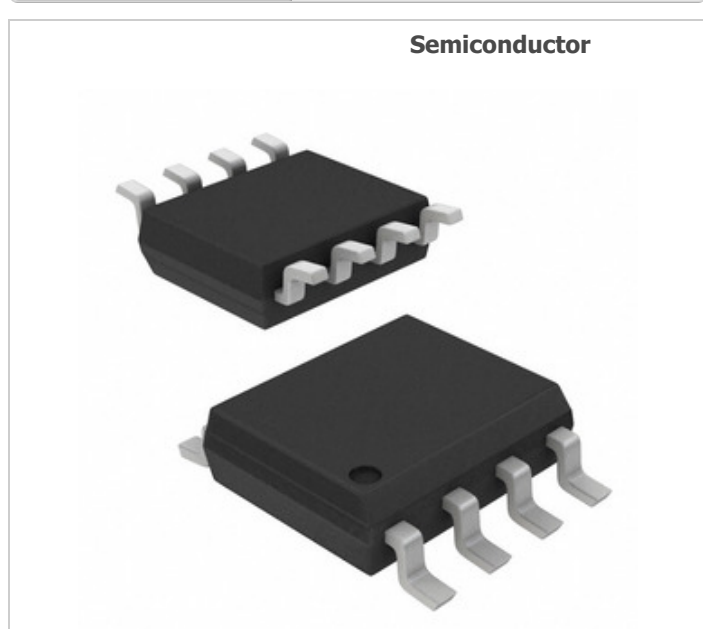



Image may be representation. See specifications for product details.

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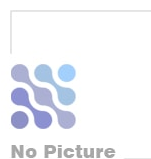



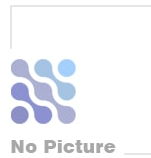



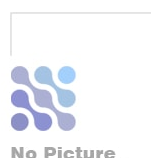


### Specifications of LM311M

|                                   |  |
|-----------------------------------|--|
| PART NUMBER                       | LM311M   |
| MANUFACTURER                      | AMI Semiconductor / ON Semiconductor   |
| DESCRIPTION                       | IC COMPARATOR SINGLE 8-SOP   |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant   |
| DATA SHEET                        |  LM311M.pdf |
| VOLTAGE - SUPPLY, SINGLE/DUAL (±) | 5 V ~ 30 V, ±2.5 V ~ 15 V  |
| VOLTAGE - INPUT OFFSET (MAX)      | 7.5mV @ 15V  |
| TYPE                              | General Purpose  |
| SUPPLIER DEVICE PACKAGE           | 8-SOP  |
| SERIES                            | -  |
| PROPAGATION DELAY (MAX)           | -  |
| PACKAGING                         | Tube   |
| PACKAGE / CASE                    | 8-SOIC (0.154", 3.90mm Width)  |
| OUTPUT TYPE                       | Open-Collector, Open-Emitter   |
| OTHER NAMES                       | LM311MFS   |
| OPERATING TEMPERATURE             | 0°C ~ 70°C   |
| NUMBER OF ELEMENTS                | 1  |
| MOUNTING TYPE                     | Surface Mount  |
| MOISTURE SENSITIVITY LEVEL (MSL)  | 1 (Unlimited)  |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant   |
| HYSTERESIS                        | -  |
| DETAILED DESCRIPTION              | Comparator General Purpose Open-Collector, Open-Emitter 8-SOP                                  |
| CURRENT - QUIESCENT (MAX)         | 7.5mA  |
| CURRENT - OUTPUT (TYP)            | -  |
| CURRENT - INPUT BIAS (MAX)        | 0.25µA @ 15V   |
| CMRR, PSRR (TYP)                  | -  |
| BASE PART NUMBER                  | LM311  |

### Related Tags

|  |   |  |
|--|---|--|
| <a href="#">AMI Semiconductor / ON Semiconductor LM311M</a>      | <a href="#">LM311M Distributor</a>                                | <a href="#">LM311M Supplier</a>                                  |
| <a href="#">LM311M Price</a>                                     | <a href="#">LM311M Pictures</a>                                   | <a href="#">LM311M Image</a>                                     |
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| <a href="#">AMI Semiconductor / ON Semiconductor LM311M</a>      | <a href="#">ON Semiconductor LM311M</a>                           | <a href="#">Aptina / ON Semiconductor LM311M</a>                 |
| <a href="#">Catalyst Semiconductor / ON Semiconductor LM311M</a> | <a href="#">PulseCore Semiconductor / ON Semiconductor LM311M</a> | <a href="#">Sanyo Semiconductor / ON Semiconductor LM311M</a>    |

### Related Products

|   |  |
|---|--|
|  <p><b>LM311M/NOPB</b><br/>                 Manufacturers: N/A<br/>                 Description: IC VOLTAGE COMPARATOR 8-SOIC<br/>                 In stock: 164336 pcs</p> <p><a href="#">RFQ</a></p>          |  <p><b>LM311MX/NOPB</b><br/>                 Manufacturers: N/A<br/>                 Description: IC VOLTAGE COMPARATOR 8-SOIC<br/>                 In stock: 201775 pcs</p> <p><a href="#">RFQ</a></p>                         |
|  <p><b>LM311M</b><br/>                 Manufacturers: N/A<br/>                 Description: IC VOLTAGE COMPARATOR 8-SOIC<br/>                 In stock: 98294 pcs</p> <p><a href="#">RFQ</a></p>                |  <p><b>LM311DT</b><br/>                 Manufacturers: STMicroelectronics<br/>                 Description: IC VOLTAGE COMPARATOR 8-SOIC<br/>                 In stock: 607790 pcs</p> <p><a href="#">RFQ</a></p>               |
|  <p><b>LM311DRG4</b><br/>                 Manufacturers: N/A<br/>                 Description: IC DIFF COMPARATOR STROBE 8SOIC<br/>                 In stock: 330753 pcs</p> <p><a href="#">RFQ</a></p>         |  <p><b>LM311H/NOPB</b><br/>                 Manufacturers: N/A<br/>                 Description: IC VOLTAGE COMPARATOR TO-99-8<br/>                 In stock: 18087 pcs</p> <p><a href="#">RFQ</a></p>                          |
|  <p><b>LM311N</b><br/>                 Manufacturers: STMicroelectronics<br/>                 Description: IC VOLTAGE COMPARATOR 8-DIP<br/>                 In stock: 456533 pcs</p> <p><a href="#">RFQ</a></p> |  <p><b>LM311N</b><br/>                 Manufacturers: Fairchild/ON Semiconductor<br/>                 Description: IC COMPARATOR SGL 0-70DEG 8-DIP<br/>                 In stock: 4581 pcs</p> <p><a href="#">RFQ</a></p>       |
|  <p><b>LM311H</b><br/>                 Manufacturers: N/A<br/>                 Description: IC VOLTAGE COMPARATOR TO-99-8<br/>                 In stock: 16971 pcs</p> <p><a href="#">RFQ</a></p>               |  <p><b>LM311MX</b><br/>                 Manufacturers: N/A<br/>                 Description: IC VOLTAGE COMPARATOR 8-SOIC<br/>                 In stock: 108283 pcs</p> <p><a href="#">RFQ</a></p>                              |
|  <p><b>LM311DRE4</b><br/>                 Manufacturers: N/A<br/>                 Description: IC DIFF COMPARATOR STROBE 8-SOIC<br/>                 In stock: 397447 pcs</p> <p><a href="#">RFQ</a></p>        |  <p><b>LM311MX</b><br/>                 Manufacturers: AMI Semiconductor / ON Semiconductor<br/>                 Description: IC COMPARATOR SINGLE 8-SOP<br/>                 In stock: 5030 pcs</p> <p><a href="#">RFQ</a></p> |