

LMV331M7



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Part Number: [LMV331M7](#)

Manufacturer: [N/A](#)

Description: [IC COMP TINY LOW VOLT SC-70-5](#)

Data sheet:

RoHS Status: [Contains lead / RoHS non-compliant](#)

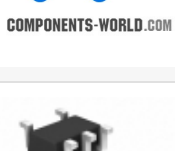
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                   |                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------|--------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                           | LMV331M7                                  | Manufacturer                      | N/A                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                           | IC COMP TINY LOW VOLT SC-70-5             | Lead Free Status / RoHS Status    | Contains lead / RoHS non-compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                    | 134779 pcs                                | Data sheet                        |                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single/Dual (±) | 2.7 V ~ 5.5 V                                                |
| Voltage - Input Offset (Max)                                                                                                                                                                                                                                                                                                                                                                                          | 7mV @ 5V                                  | Type                              | General Purpose                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                               | SC-70-5                                   | Series                            | -                                                            |
| Propagation Delay (Max)                                                                                                                                                                                                                                                                                                                                                                                               | 600ns                                     | Packaging                         | Tape & Reel (TR)                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                        | 5-TSSOP, SC-70-5, SOT-353                 | Output Type                       | CMOS, Open-Collector, TTL                                    |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                           | LMV331M7TR                                | Operating Temperature             | -40°C ~ 85°C                                                 |
| Number of Elements                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                         | Mounting Type                     | Surface Mount                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                      | 1 (Unlimited)                             | Lead Free Status / RoHS Status    | Contains lead / RoHS non-compliant                           |
| Hysteresis                                                                                                                                                                                                                                                                                                                                                                                                            | -                                         | Detailed Description              | Comparator General Purpose CMOS, Open-Collector, TTL SC-70-5 |
| Current - Quiescent (Max)                                                                                                                                                                                                                                                                                                                                                                                             | 120µA                                     | Current - Output (Typ)            | 84mA @ 5V                                                    |
| Current - Input Bias (Max)                                                                                                                                                                                                                                                                                                                                                                                            | 0.25µA @ 5V                               | CMRR, PSRR (Typ)                  | -                                                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                      | LMV331                                    |                                   |                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                                      |                                                                     |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">LMV331M5X/NOPB</a><br>Description: <a href="#">IC COMPARATOR TINY LV SOT23-5</a>  | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331M5X</a><br>Description: <a href="#">IC COMPARATOR TINY LV SOT23-5</a>       | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331QDBVRQ1</a><br>Description: <a href="#">IC COMPARATOR GP LV SOT23-5</a>     | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331IDCKTE4</a><br>Description: <a href="#">IC GP LV COMPARATOR SC70-5</a>      | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331IDCKRE4</a><br>Description: <a href="#">IC GP LV COMPARATOR SC70-5</a>      | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331IDCKRG4</a><br>Description: <a href="#">IC GP LV COMPARATOR SC70-5</a>      | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331ILT</a><br>Description: <a href="#">IC COMPARATOR SGL GP LV SOT23-5</a>     | Manufacturers: <a href="#">STMicroelectronics</a>                   | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331SQ3T2G</a><br>Description: <a href="#">IC COMPARATOR GP LV SINGLE SC-70</a> | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331M5</a><br>Description: <a href="#">IC COMPARATOR TINY LV SOT23-5</a>        | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331IDCKT</a><br>Description: <a href="#">IC GP LV COMPARATOR SC70-5</a>        | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331SN3T1G</a><br>Description: <a href="#">IC COMPARATOR SGL GP LV 5TSOP</a>    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LMV339DTBR2G</a><br>Description: <a href="#">IC COMPARATOR GP LV QUAD 14TSSOP</a> | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LMV339DR2G</a><br>Description: <a href="#">IC COMPARATOR GP LV QUAD 14-SOIC</a>   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331IDCKTG4</a><br>Description: <a href="#">IC GP LV COMPARATOR SC70-5</a>      | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331M7X</a><br>Description: <a href="#">IC COMP TINY LOW VOLT SC-70-5</a>       | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331M7/NOPB</a><br>Description: <a href="#">IC COMP TINY LOW VOLT SC-70-5</a>   | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331M5/NOPB</a><br>Description: <a href="#">IC COMPARATOR TINY LV SOT23-5</a>   | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331M7X/NOPB</a><br>Description: <a href="#">IC COMP TINY LOW VOLT SC-70-5</a>  | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331SE-7</a><br>Description: <a href="#">IC COMPARATOR TINY LV SOT353</a>       | Manufacturers: <a href="#">Diodes Incorporated</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">LMV331W5-7</a><br>Description: <a href="#">IC COMPARATOR TINY LV SOT25</a>        | Manufacturers: <a href="#">Diodes Incorporated</a>                  | <div>RFQ</div> |

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