

LM393DT



  
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**Part Number:** [LM393DT](#)

**Manufacturer:** [STMicroelectronics](#)

**Description:** IC COMPARATOR LP DUAL 8-SOIC

**Data sheet:**  [LM193,293,393](#)

**RoHs Status:** Lead free / RoHS Compliant

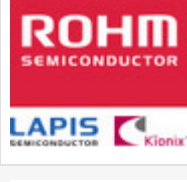
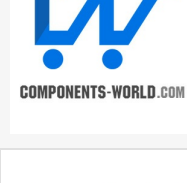
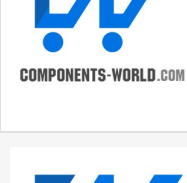
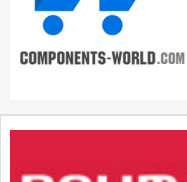
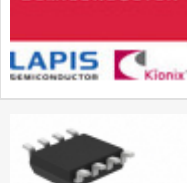
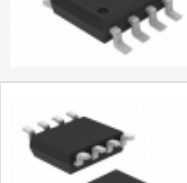
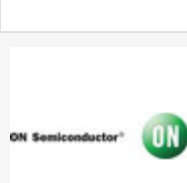
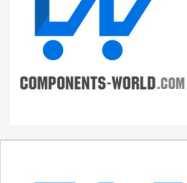
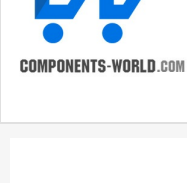
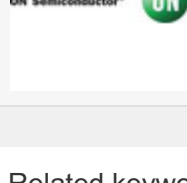
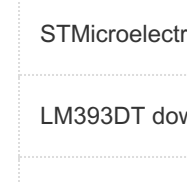
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                           |                                                                          |                                   |                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                 | LM393DT                                                                  | Manufacturer                      | <a href="#">STMicroelectronics</a>       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                 | IC COMPARATOR LP DUAL 8-SOIC                                             | Lead Free Status / RoHS Status    | Lead free / RoHS Compliant               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                          | 888146 pcs                                                               | Data sheet                        | <a href="#">LM193,293,393</a>            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                                | Voltage - Supply, Single/Dual (±) | 2 V ~ 36 V, ±1 V ~ 18 V                  |
| Voltage - Input Offset (Max)                                                                                                                                                                                                                                                                                                                                                                                | 5mV @ 30V                                                                | Type                              | General Purpose                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                     | 8-SO                                                                     | Series                            | -                                        |
| Propagation Delay (Max)                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                        | Packaging                         | Tape & Reel (TR)                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                              | 8-SOIC (0.154", 3.90mm Width)                                            | Output Type                       | CMOS, DTL, ECL, MOS, Open-Collector, TTL |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                 | 497-1593-2                                                               | Operating Temperature             | 0°C ~ 70°C                               |
| Number of Elements                                                                                                                                                                                                                                                                                                                                                                                          | 2                                                                        | Mounting Type                     | Surface Mount                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                            | 1 (Unlimited)                                                            | Manufacturer Standard Lead Time   | 38 Weeks                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                                               | Hysteresis                        | -                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                        | Comparator General Purpose CMOS, DTL, ECL, MOS, Open-Collector, TTL 8-SO | Current - Quiescent (Max)         | 2.5mA                                    |
| Current - Output (Typ)                                                                                                                                                                                                                                                                                                                                                                                      | 18mA @ 5V                                                                | Current - Input Bias (Max)        | 0.25µA @ 5V                              |
| CMRR, PSRR (Typ)                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                        | Base Part Number                  | LM393                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all STMicroelectronics series electronic components. We have 888146 pieces of STMicroelectronics LM393DT in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                                          |                                   |                                          |

| RELATED PRODUCTS                                                                   |                                                                                   |                                                                     |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">LM393DT</a><br>Description: IC COMPARATOR DUAL 0.4MA 8-SOIC    | Manufacturers: <a href="#">LAPIS Semiconductor</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM393DGKRG4</a><br>Description: IC DUAL DIFF COMPARATOR 8VSSOP | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM393MX</a><br>Description: IC COMPARATOR DUAL 0.4MA 8-SOIC    | Manufacturers: <a href="#">LAPIS Semiconductor</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM393DRE4</a><br>Description: IC DUAL DIFF COMPARATOR 8-SOIC   | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM393M/NOPB</a><br>Description: IC COMP DUAL LO PWR 8-SOIC     | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM393M</a><br>Description: IC COMP DUAL LO PWR 8-SOIC          | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM393DR</a><br>Description: IC COMPARATOR DUAL 0.8MA 8-SOIC    | Manufacturers: <a href="#">LAPIS Semiconductor</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM393M</a><br>Description: IC COMPARATOR DUAL DIFF 8-SOP       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM393MX</a><br>Description: IC COMPARATOR DUAL DIFF 8-SOP      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM393DRG4</a><br>Description: IC DUAL DIFF COMPARATOR 8-SOIC   | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM393F-GE2</a><br>Description: GROUND SENSE COMPARATOR         | Manufacturers: <a href="#">LAPIS Semiconductor</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM393EDR2G</a><br>Description: IC COMP DUAL OFFSET LV 8SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM393DR2GH</a><br>Description: IC COMP DUAL OFFSET LV 8SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM393DRG3</a><br>Description: IC COMPARATOR DIFF DUAL 8SOIC    | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM393MX</a><br>Description: IC COMP DUAL LO PWR 8-SOIC         | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM393DR2</a><br>Description: IC COMP DUAL OFFSET LV 8SOIC      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM393DMR2G</a><br>Description: IC COMP DUAL LV OFFSET MICRO-8  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM393DR</a><br>Description: IC DUAL DIFF COMP 8-SOIC           | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM393MX/NOPB</a><br>Description: IC COMP DUAL LO PWR 8-SOIC    | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM393DR2G</a><br>Description: IC COMP DUAL OFFSET LV 8SOIC     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

| Related keywords for LM393DT |                     |                  |               |
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