



TSM109IDT

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | TSM109IDT                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                              |
| Product description | IC COMPARATOR/VREF DUAL 8-SOIC                                                                                  |
| Datasheets:         |  <a href="#">TSM109IDT.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 417778 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

Specifications of TSM109IDT

|                                   |                                                                                                                   |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                       | TSM109IDT                                                                                                         |
| MANUFACTURER                      | STMicroelectronics                                                                                                |
| DESCRIPTION                       | IC COMPARATOR/VREF DUAL 8-SOIC                                                                                    |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                                        |
| QUANTITY AVAILABLE                | 417778 pcs                                                                                                        |
| DATA SHEET                        |  <a href="#">TSM109IDT.pdf</a> |
| VOLTAGE - SUPPLY, SINGLE/DUAL (±) | 2 V ~ 36 V, ±1 V ~ 18 V                                                                                           |
| VOLTAGE - INPUT OFFSET (MAX)      | 5mV @ 5V                                                                                                          |
| TYPE                              | with Voltage Reference                                                                                            |
| SUPPLIER DEVICE PACKAGE           | 8-SO                                                                                                              |
| SERIES                            | -                                                                                                                 |
| PROPAGATION DELAY (MAX)           | -                                                                                                                 |
| PACKAGING                         | Tape & Reel (TR)                                                                                                  |
| PACKAGE / CASE                    | 8-SOIC (0.154", 3.90mm Width)                                                                                     |
| OUTPUT TYPE                       | -                                                                                                                 |
| OPERATING TEMPERATURE             | -40°C ~ 105°C                                                                                                     |
| NUMBER OF ELEMENTS                | 2                                                                                                                 |
| MOUNTING TYPE                     | Surface Mount                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL)  | 1 (Unlimited)                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                                        |
| HYSTERESIS                        | -                                                                                                                 |
| DETAILED DESCRIPTION              | Comparator with Voltage Reference 8-SO                                                                            |
| CURRENT - QUIESCENT (MAX)         | 2.5mA                                                                                                             |
| CURRENT - OUTPUT (TYP)            | 20mA @ 5V                                                                                                         |
| CURRENT - INPUT BIAS (MAX)        | 0.25µA @ 5V                                                                                                       |
| CMRR, PSRR (TYP)                  | -                                                                                                                 |
| BASE PART NUMBER                  | TSM109                                                                                                            |

Related Tags

|                              |                              |                                  |
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| STMicroelectronics TSM109IDT |                              |                                  |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                              |
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| <div></div> <div><b>TSM109AIDT</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC CTRLR DUAL COMP/VREF 8SOIC<br/>In stock: 310348 pcs<br/><div>RFQ</div></div>            | <div></div> <div><b>TSM109AID</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC COMPARATOR/VREF DUAL 8-SOIC<br/>In stock: 340934 pcs<br/><div>RFQ</div></div>                 |
| <div></div> <div><b>TSM10N80CZ C0G</b><br/>Manufacturers: TSC (Taiwan Semiconductor)<br/>Description: MOSFET N-CH 800V 9.5A TO220<br/>In stock: 26056 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>TSM110NB04CR RLG</b><br/>Manufacturers: TSC (Taiwan Semiconductor)<br/>Description: MOSFET SINGLE N-CHANNEL TRENCH<br/>In stock: 339526 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>TSM109ID</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC COMPARATOR/VREF DUAL 8-SOIC<br/>In stock: 122017 pcs<br/><div>RFQ</div></div>             | <div></div> <div><b>TSM108ID</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BUCK 14SOIC<br/>In stock: 164355 pcs<br/><div>RFQ</div></div>                        |
| <div></div> <div><b>TSM10NC60CF C0G</b><br/>Manufacturers: TSC (Taiwan Semiconductor)<br/>Description: MOSFET N-CH 600V 10A ITO220S<br/>In stock: 52752 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>TSM110NB04LCR RLG</b><br/>Manufacturers: TSC (Taiwan Semiconductor)<br/>Description: MOSFET SINGLE N-CHANNEL TRENCH<br/>In stock: 103873 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>TSM108IDT</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BUCK 14SOIC<br/>In stock: 60493 pcs<br/><div>RFQ</div></div>                   | <div></div> <div><b>TSM10N80CI C0G</b><br/>Manufacturers: TSC (Taiwan Semiconductor)<br/>Description: MOSFET N-CH 800V 9.5A ITO220<br/>In stock: 24094 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>TSM10NC65CF C0G</b><br/>Manufacturers: TSC (Taiwan Semiconductor)<br/>Description: MOSFET N-CH 650V 10A ITO220S<br/>In stock: 51004 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>TSM106IDT</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC OPAMP GP 900KHZ 8SO<br/>In stock: 229816 pcs<br/><div>RFQ</div></div>                         |