














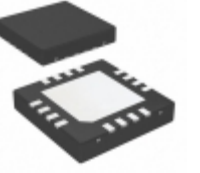

|  |   |
|--|---|
| <br> | <h2>TS3021HIYLT</h2>  |
|  | <p><b>Manufacturer Part Number:</b> TS3021HIYLT</p> <p><b>Manufacturer/Brand:</b> STMicroelectronics</p> <p><b>Part of Description:</b> RAIL-TO-RAIL 1.8 V HIGH-SPEED CO</p> <p><b>Datasheets:</b></p> <ul style="list-style-type: none"> <li> <a href="#">1.TS3021HIYLT.pdf</a></li> <li> <a href="#">2.TS3021HIYLT.pdf</a></li> <li> <a href="#">3.TS3021HIYLT.pdf</a></li> <li> <a href="#">4.TS3021HIYLT.pdf</a></li> </ul> <p><b>RoHs Status:</b>  Lead free / RoHS Compliant</p> <p><b>Stock Condition:</b> New original, 1300 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
| <p>Image may be representation. See specs for product details.</p>   |   |

### Specifications

|                                   |  |
|-----------------------------------|--|
| Part Number                       | TS3021HIYLT                                      |
| Manufacturer                      | STMicroelectronics                               |
| Description                       | RAIL-TO-RAIL 1.8 V HIGH-SPEED CO                 |
| Category                          | Integrated Circuits (ICs) > Linear - Comparators |
| Part Status                       | 1300 pcs Stock                                   |
| Series                            | Automotive, AEC-Q100                             |
| Operating Temperature             | -40°C ~ 150°C                                    |
| Mounting Type                     | Surface Mount                                    |
| Type                              | General Purpose                                  |
| Output Type                       | Push-Pull  |
| Package / Case                    | SC-74A, SOT-753                                  |
| Supplier Device Package           | SOT-23-5   |
| Number of Elements                | 1  |
| Voltage - Supply, Single/Dual (±) | 1.8 V ~ 5 V                                      |
| Voltage - Input Offset (Max)      | 7mV @ 5V   |
| Current - Input Bias (Max)        | 300nA  |
| Current - Output (Typ)            | 10mA   |
| Current - Quiescent (Max)         | 125µA  |
| CMRR, PSRR (Typ)                  | 67dB CMRR  |
| Propagation Delay (Max)           | 140ns  |
| Hysteresis                        | -  |
| Packaging                         | Tape & Reel (TR)                                 |



















































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|  <p><b>TS3021IYLT</b><br/>STMicroelectronics<br/>IC COMPARATOR R-R 1.8V SOT23-5</p> |  <p><b>TS3021ILT</b><br/>STMicroelectronics<br/>IC COMPARATOR R-R 1.8V SOT23-5</p> |  <p><b>TS30111-M050QFN</b><br/>Semtech<br/>IC REG BUCK 5V 0.7A SYNC</p>           |  <p><b>TS3022ID</b><br/>STMicroelectronics<br/>IC COMPARATOR R-R 1.8V HS 8SOIC</p> |

### Hot Parts

More

- |   |   |   |  |  |
|---|---|---|--|--|
|  TS3000GB0A0NCG8 |  TS30011-M000QFN |  TS30012-M000QFN |  TS30013-M033QFN |  TS3001ITD822T      |
|  TS3001ITD822T   |  TS3002ITD822T   |  TS3002ITD822T   |  TS3003ITD1033T  |  TS3004ITD1033T     |
|  TS3004ITD1033T  |  TS3006ITD833T   |  TS3006ITD833T   |  TS30100CG       |  TS30111-M033QFN    |
|  TS3011ICT       |  TS3011ILT       |  TS3011IYLT      |  TS3021ICT       |  TS3021ILT          |
|  TS3021IYLT      |  TS31023-QFN     |  TS317CW12       |  TS317CWRP       |  TS317LCS           |
|  TS317LCT        |  TS321AILT       |  TS321CX5        |  TS321DBVR       |  TS321DBVRG4        |
|  TS321IDBVT      |  TS321ILT        |  TS321IYLT       |  TS321QDBVRQ1    |  TS3232-B0918AAT/LF |
|  TS3300ITQ1633T  |  TS3300ITQ1633T  |  TS331ICT        |  TS331ILT        |  TS332IST           |
|  TS339CDT        |  TS339CPT        |  TS339CS14RL     |  TS339IDT        |  TS339IPT           |
|  TS3404CSRL      |  TS34063ACSRL    |  TS34063CS       |  TS34119CS       |  TS3431AILT         |

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