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| <br>life.augmented | <h2>RT2901HYDT</h2>   |
|   | <p><b>Manufacturer Part Number:</b> RT2901HYDT</p> <p><b>Manufacturer/Brand:</b> STMicroelectronics</p> <p><b>Part of Description:</b> IC COMPARATOR LP QUAD 14SOIC</p> <p><b>RoHS Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> <sup>Compliant</sup> New original, 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.<br/>See specs for product details.</p>                              |   |

### Specifications

|                                   |  |
|-----------------------------------|--|
| Part Number                       | RT2901HYDT                                       |
| Manufacturer                      | STMicroelectronics                               |
| Description                       | IC COMPARATOR LP QUAD 14SOIC                     |
| Category                          | Integrated Circuits (ICs) > Linear - Comparators |
| Part Status                       | Require For Quote & Check Stock                  |
| Voltage - Supply, Single/Dual (±) | 2 V ~ 36 V, ±1 V ~ 18 V                          |
| Voltage - Input Offset (Max)      | 7mV @ 5V   |
| Type                              | General Purpose                                  |
| Series                            | -  |
| Propagation Delay (Max)           | -  |
| Output Type                       | CMOS, DTL, ECL, MOS, TTL                         |
| Operating Temperature             | -40°C ~ 150°C                                    |
| Number of Elements                | 4  |
| Moisture Sensitivity Level (MSL)  | 1 (Unlimited)                                    |
| Manufacturer Standard Lead Time   | 13 Weeks   |
| Lead Free Status / RoHS Status    | Lead free / RoHS Compliant                       |
| Hysteresis                        | -  |
| Detailed Description              | Comparator General Purpose CMOS, DTL, ECL, MOS,  |
| Current - Quiescent (Max)         | 2mA  |
| Current - Output (Typ)            | 16mA @ 5V  |
| Current - Input Bias (Max)        | 250nA @ 5V                                       |
| CMRR, PSRR (Typ)                  | -  |

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| <p>In:</p> <br><b>RT2A00M-T11-1F</b><br>IDC<br>RT2A00M-T11-1F IDC                | <br><b>RT2A00M-T111-1F</b><br>MITSUBIS<br>MITSUBIS SOT-353                       | <br><b>RT2875AQGCP</b><br>Richtek USA Inc.<br>IC REG BUCK ADJ 3A SYNC<br>14TSSOP | <br><b>RT2902YDT</b><br>STMicroelectronics<br>IC OPAMP LP BIPOLAR 14SOIC |
| <br><b>RT2904WHYDT</b><br>STMicroelectronics<br>IC OP AMP GEN PURP DUAL<br>8SOIC | <br><b>RT2875BQGCP</b><br>Richtek USA Inc.<br>IC REG BUCK ADJ 3A SYNC<br>14TSSOP | <br><b>RT2880L</b><br>RALNK<br>RALNK QFN   | <br><b>RT2880F</b><br>RALINK<br>RALINK BGA                               |

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