



### TPS75315QPWPRQ1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TPS75315QPWPRQ1                                                                                              |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC REG LINEAR 1.5V 1.5A 20HTSSOP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5543 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of TPS75315QPWPRQ1

|                                  |                                                                         |
|----------------------------------|-------------------------------------------------------------------------|
| PART NUMBER                      | TPS75315QPWPRQ1                                                         |
| MANUFACTURER                     | N/A                                                                     |
| DESCRIPTION                      | IC REG LINEAR 1.5V 1.5A 20HTSSOP                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                              |
| QUANTITY AVAILABLE               | 5543 pcs                                                                |
| DATA SHEET                       |                                                                         |
| VOLTAGE DROPOUT (MAX)            | 0.30V @ 1.5A                                                            |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.5V                                                                    |
| VOLTAGE - OUTPUT (MAX)           | -                                                                       |
| VOLTAGE - INPUT (MAX)            | 5V                                                                      |
| SUPPLIER DEVICE PACKAGE          | 20-HTSSOP                                                               |
| SERIES                           | Automotive, AEC-Q100                                                    |
| PROTECTION FEATURES              | Over Current, Over Temperature, Reverse Polarity                        |
| PACKAGING                        | Tape & Reel (TR)                                                        |
| PACKAGE / CASE                   | 20-PowerTSSOP (0.173", 4.40mm Width)                                    |
| PSRR                             | 63dB (100Hz)                                                            |
| OUTPUT TYPE                      | Fixed                                                                   |
| OUTPUT CONFIGURATION             | Positive                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                           |
| NUMBER OF REGULATORS             | 1                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                              |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 1.5V 1.5A 20-HTSSOP |
| CURRENT - QUIESCENT (IQ)         | 125µA                                                                   |
| CURRENT - OUTPUT                 | 1.5A                                                                    |
| CONTROL FEATURES                 | Enable, Power Good, Reset Output                                        |
| BASE PART NUMBER                 | TPS75315                                                                |

#### Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| TPS75315QPWPRQ1               | TPS75315QPWPRQ1 Distributor        | TPS75315QPWPRQ1 Supplier  |
| TPS75315QPWPRQ1 Price         | TPS75315QPWPRQ1 Pictures           | TPS75315QPWPRQ1 Image     |
| TPS75315QPWPRQ1 PDF Datasheet | TPS75315QPWPRQ1 Download Datasheet | TPS75315QPWPRQ1 Datasheet |
| TPS75315QPWPRQ1 Stock         | Buy TPS75315QPWPRQ1                | Buy TPS75315QPWPRQ1       |
| TPS75315QPWPRQ1               | Supplier                           | Distributor               |

#### Related Products

|                                                                                    |                                                                                                                             |                                                                                      |                                                                                                                             |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|  | <b>TPS75315QPWPREP</b><br>Manufacturers: N/A<br>Description: IC REG LINEAR 1.5V 1.5A 20HTSSOP<br>In stock: 2885 pcs<br>RFQ  |  | <b>TPS75318QPWP</b><br>Manufacturers: N/A<br>Description: IC REG LINEAR 1.8V 1.5A 20HTSSOP<br>In stock: 17988 pcs<br>RFQ    |
|  | <b>TPS75318QPWPREP</b><br>Manufacturers: N/A<br>Description: IC REG LINEAR 1.8V 1.5A 20HTSSOP<br>In stock: 27060 pcs<br>RFQ |  | <b>TPS75325QPWP</b><br>Manufacturers: N/A<br>Description: IC REG LINEAR 2.5V 1.5A 20HTSSOP<br>In stock: 14830 pcs<br>RFQ    |
|  | <b>TPS75318QPWPR</b><br>Manufacturers: N/A<br>Description: IC REG LINEAR 1.8V 1.5A 20HTSSOP<br>In stock: 39256 pcs<br>RFQ   |  | <b>TPS75301QPWPRQ1</b><br>Manufacturers: N/A<br>Description: IC REG LIN POS ADJ 1.5A 20HTSSOP<br>In stock: 5611 pcs<br>RFQ  |
|  | <b>TPS75301QPWPREP</b><br>Manufacturers: N/A<br>Description: IC REG LIN POS ADJ 1.5A 20HTSSOP<br>In stock: 33841 pcs<br>RFQ |  | <b>TPS75301QPWPRG4</b><br>Manufacturers: N/A<br>Description: IC REG LIN POS ADJ 1.5A 20HTSSOP<br>In stock: 35029 pcs<br>RFQ |
|  | <b>TPS75318QPWPRQ1</b><br>Manufacturers: N/A<br>Description: IC REG LINEAR 1.8V 1.5A 20HTSSOP<br>In stock: 4542 pcs<br>RFQ  |  | <b>TPS75315QPWPR</b><br>Manufacturers: N/A<br>Description: IC REG LINEAR 1.5V 1.5A 20HTSSOP<br>In stock: 2738 pcs<br>RFQ    |
|  | <b>TPS75325QPWPG4</b><br>Manufacturers: N/A<br>Description: IC REG LINEAR 2.5V 1.5A 20HTSSOP<br>In stock: 25306 pcs<br>RFQ  |  | <b>TPS75315QPWP</b><br>Manufacturers: N/A<br>Description: IC REG LINEAR 1.5V 1.5A 20HTSSOP<br>In stock: 17680 pcs<br>RFQ    |

