



TPS7A5301QRGRRQ1

|                     |                                 |
|---------------------|---------------------------------|
| Part Number:        | TPS7A5301QRGRRQ1                |
| Manufacturer/Brand: | N/A                             |
| Product description | IC REG LINEAR POS ADJ 3A 20VQFN |
| Datasheets:         |                                 |
| RoHs Status         | Lead free / RoHS Compliant      |
| Ship From           | Hong Kong                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS           |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of TPS7A5301QRGRRQ1

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| PART NUMBER                      | TPS7A5301QRGRRQ1                                          |
| MANUFACTURER                     | N/A                                                       |
| DESCRIPTION                      | IC REG LINEAR POS ADJ 3A 20VQFN                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                |
| DATA SHEET                       |                                                           |
| VOLTAGE DROPOUT (MAX)            | 0.475V @ 3A                                               |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                      |
| VOLTAGE - OUTPUT (MAX)           | 5.15V                                                     |
| VOLTAGE - INPUT (MAX)            | 6.5V                                                      |
| SUPPLIER DEVICE PACKAGE          | 20-VQFN (3.5x3.5)                                         |
| SERIES                           | Automotive, AEC-Q100                                      |
| PROTECTION FEATURES              | Over Temperature, Reverse Polarity                        |
| PACKAGE / CASE                   | 20-VFQFN Exposed Pad                                      |
| PSRR                             | 42dB ~ 25dB (10kHz ~ 500kHz)                              |
| OUTPUT TYPE                      | Adjustable                                                |
| OUTPUT CONFIGURATION             | Positive                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                        |
| NUMBER OF REGULATORS             | 1                                                         |
| MOUNTING TYPE                    | Surface Mount                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC 1 Output 3A 20-VQFN (3.5x3.5) |
| CURRENT - OUTPUT                 | 3A                                                        |
| CONTROL FEATURES                 | Enable                                                    |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| TPS7A5301QRGRRQ1               | TPS7A5301QRGRRQ1 Distributor        | TPS7A5301QRGRRQ1 Supplier  |
| TPS7A5301QRGRRQ1 Price         | TPS7A5301QRGRRQ1 Pictures           | TPS7A5301QRGRRQ1 Image     |
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| TPS7A5301QRGRRQ1               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                        |                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>TPS7A5401QRGRRQ1</b><br/>Manufacturers: N/A<br/>Description: IC REG LINEAR POS ADJ 4A 20VQFN<br/>In stock: 25607 pcs<br/>RFQ</div> | <div></div> <div><b>TPS7A6033QKTTRQ1</b><br/>Manufacturers: N/A<br/>Description: IC REG LIN 3.3V 300MA DDPAK<br/>In stock: 44461 pcs<br/>RFQ</div>      |
| <div></div> <div><b>TPS7A4901DGNT</b><br/>Manufacturers: N/A<br/>Description: IC REG LIN POS ADJ 150MA 8MSOP<br/>In stock: 56966 pcs<br/>RFQ</div>     | <div></div> <div><b>TPS7A53EVM-005</b><br/>Manufacturers: N/A<br/>Description: EVAL MODULE FOR TPS7A53<br/>In stock: 3199 pcs<br/>RFQ</div>             |
| <div></div> <div><b>TPS7A54EVM-006</b><br/>Manufacturers: N/A<br/>Description: EVAL MODULE FOR TPS7A54<br/>In stock: 3211 pcs<br/>RFQ</div>            | <div></div> <div><b>TPS7A6033QKVURQ1</b><br/>Manufacturers: N/A<br/>Description: IC REG LINEAR 3.3V 300MA TO252-5<br/>In stock: 79221 pcs<br/>RFQ</div> |
| <div></div> <div><b>TPS7A52EVM-002</b><br/>Manufacturers: N/A<br/>Description: EVAL MODULE FOR TPS7A52<br/>In stock: 3375 pcs<br/>RFQ</div>            | <div></div> <div><b>TPS7A5201WQRTKRQ1</b><br/>Manufacturers: N/A<br/>Description: LDO<br/>In stock: 27672 pcs<br/>RFQ</div>                             |
| <div></div> <div><b>TPS7A5301WQRTKRQ1</b><br/>Manufacturers: N/A<br/>Description: LDO<br/>In stock: 27649 pcs<br/>RFQ</div>                            | <div></div> <div><b>TPS7A5201QRGRRQ1</b><br/>Manufacturers: N/A<br/>Description: IC REG LINEAR POS ADJ 2A 20VQFN<br/>In stock: 31813 pcs<br/>RFQ</div>  |
| <div></div> <div><b>TPS7A4901DRBT</b><br/>Manufacturers: N/A<br/>Description: IC REG LINEAR 150MA 8SON<br/>In stock: 59795 pcs<br/>RFQ</div>           | <div></div> <div><b>TPS7A4901DRBR</b><br/>Manufacturers: N/A<br/>Description: IC REG LINEAR POS ADJ 150MA 8SON<br/>In stock: 72592 pcs<br/>RFQ</div>    |