



TPS40001DGQR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TPS40001DGQR                                                                                                 |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC REG CTRLR BUCK 10MSOP                                                                                     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 67011 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of TPS40001DGQR

|                                  |                                                                               |
|----------------------------------|-------------------------------------------------------------------------------|
| PART NUMBER                      | TPS40001DGQR                                                                  |
| MANUFACTURER                     | N/A                                                                           |
| DESCRIPTION                      | IC REG CTRLR BUCK 10MSOP                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                    |
| QUANTITY AVAILABLE               | 67011 pcs                                                                     |
| DATA SHEET                       |                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.25 V ~ 5.5 V                                                                |
| TOPOLOGY                         | Buck                                                                          |
| SYNCHRONOUS RECTIFIER            | Yes                                                                           |
| SUPPLIER DEVICE PACKAGE          | 10-MSOP-PowerPad                                                              |
| SERIES                           | -                                                                             |
| SERIAL INTERFACES                | -                                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                              |
| PACKAGE / CASE                   | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad                          |
| OUTPUT TYPE                      | Transistor Driver                                                             |
| OUTPUT PHASES                    | 1                                                                             |
| OUTPUT CONFIGURATION             | Positive                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                             |
| NUMBER OF OUTPUTS                | 1                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                    |
| FUNCTION                         | Step-Down                                                                     |
| FREQUENCY - SWITCHING            | 300kHz                                                                        |
| DUTY CYCLE (MAX)                 | 94%                                                                           |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 10-MSOP-PowerPad |
| CONTROL FEATURES                 | Current Limit, Enable, Soft Start                                             |
| CLOCK SYNC                       | No                                                                            |
| BASE PART NUMBER                 | TPS40001                                                                      |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| TPS40001DGQR               | TPS40001DGQR Distributor        | TPS40001DGQR Supplier  |
| TPS40001DGQR Price         | TPS40001DGQR Pictures           | TPS40001DGQR Image     |
| TPS40001DGQR PDF Datasheet | TPS40001DGQR Download Datasheet | TPS40001DGQR Datasheet |
| TPS40001DGQR Stock         | Buy TPS40001DGQR                | Buy TPS40001DGQR       |
| TPS40001DGQR               | Supplier                        | Distributor            |

Related Products

|                                                                                                                                                                                                                    |                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>TPS40001DGQ</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 43483 pcs</p> <p>RFQ</p>   |  <p><b>TPS40002DGQR</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 57128 pcs</p> <p>RFQ</p>         |
|  <p><b>TPS40000DGQ</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 31402 pcs</p> <p>RFQ</p>   |  <p><b>TPS3898PDRYT</b><br/>Manufacturers: N/A<br/>Description: IC SUPERVISOR MPU ADJ 6SON<br/>In stock: 95037 pcs</p> <p>RFQ</p>       |
|  <p><b>TPS40003DGQ</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 43120 pcs</p> <p>RFQ</p>   |  <p><b>TPS40000DGQR</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 64971 pcs</p> <p>RFQ</p>         |
|  <p><b>TPS40000DGQG4</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 41748 pcs</p> <p>RFQ</p> |  <p><b>TPS40000DGQRG4</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 71713 pcs</p> <p>RFQ</p>       |
|  <p><b>TPS40002DGQ</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 25785 pcs</p> <p>RFQ</p>   |  <p><b>TPS40001DGQRG4</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 63775 pcs</p> <p>RFQ</p>       |
|  <p><b>TPS40002DGQG4</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 31421 pcs</p> <p>RFQ</p> |  <p><b>TPS40001EVM-001</b><br/>Manufacturers: N/A<br/>Description: EVALUATION MODULE FOR TPS40001<br/>In stock: 6093 pcs</p> <p>RFQ</p> |