



TPS51315RGFR

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | TPS51315RGFR                   |
| Manufacturer/Brand: | N/A                            |
| Product description | IC REG BUCK ADJ 10A SYNC 40QFN |
| 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 TPS51315RGFR

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | TPS51315RGFR                                                                            |
| MANUFACTURER                     | N/A                                                                                     |
| DESCRIPTION                      | IC REG BUCK ADJ 10A SYNC 40QFN                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| DATA SHEET                       |                                                                                         |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.75V                                                                                   |
| VOLTAGE - OUTPUT (MAX)           | 5.5V                                                                                    |
| VOLTAGE - INPUT (MIN)            | 3V                                                                                      |
| VOLTAGE - INPUT (MAX)            | 14V                                                                                     |
| TOPOLOGY                         | Buck                                                                                    |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 40-VQFN-EP (5x7)                                                                        |
| SERIES                           | D-CAP™                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                        |
| PACKAGE / CASE                   | 40-VFQFN Exposed Pad                                                                    |
| OUTPUT TYPE                      | Adjustable                                                                              |
| OUTPUT CONFIGURATION             | Positive                                                                                |
| OTHER NAMES                      | 296-37673-2<br>TPS51315RGFR-ND                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                       |
| NUMBER OF OUTPUTS                | 1                                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| FUNCTION                         | Step-Down                                                                               |
| FREQUENCY - SWITCHING            | 100kHz ~ 1MHz                                                                           |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.75V 1 Output 10A 40-VFQFN Exposed Pad |
| CURRENT - OUTPUT                 | 10A                                                                                     |
| BASE PART NUMBER                 | TPS51315                                                                                |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| TPS51315RGFR               | TPS51315RGFR Distributor        | TPS51315RGFR Supplier  |
| TPS51315RGFR Price         | TPS51315RGFR Pictures           | TPS51315RGFR Image     |
| TPS51315RGFR PDF Datasheet | TPS51315RGFR Download Datasheet | TPS51315RGFR Datasheet |
| TPS51315RGFR Stock         | Buy TPS51315RGFR                | Buy TPS51315RGFR       |
| TPS51315RGFR               | Supplier                        | Distributor            |

Related Products

|                                                                                                                                                             |                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>TPS51363RVER</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ/PROG SYNC 28VQFN<br/>In stock: 35990 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>TPS51312DRCT</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ 3A SYNC 10SON<br/>In stock: 49384 pcs<br/><b>RFQ</b></div>   |
| <div></div> <div><b>TPS51313DRCT</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ 3A SYNC 10SON<br/>In stock: 54407 pcs<br/><b>RFQ</b></div>     | <div></div> <div><b>TPS51362RVET</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ/PROG 10A 28VQFN<br/>In stock: 27505 pcs<br/><b>RFQ</b></div> |
| <div></div> <div><b>TPS51315RGFT</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ 10A SYNC 40QFN<br/>In stock: 18406 pcs<br/><b>RFQ</b></div>    | <div></div> <div><b>TPS51317RGBR</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ 6A SYNC 20VQFN<br/>In stock: 33721 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>TPS51312DRCR</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ 3A SYNC 10SON<br/>In stock: 49296 pcs<br/><b>RFQ</b></div>     | <div></div> <div><b>TPS51317RGBT</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ 6A SYNC 20VQFN<br/>In stock: 15895 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>TPS5130QPTRQ1</b><br/>Manufacturers: N/A<br/>Description: IC REG QD BCK/LINEAR SYNC 48LQFP<br/>In stock: 27821 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>TPS51313DRCR</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ 3A SYNC 10SON<br/>In stock: 53580 pcs<br/><b>RFQ</b></div>   |
| <div></div> <div><b>TPS51315EVM</b><br/>Manufacturers: N/A<br/>Description: EVAL MODULE FOR TPS51315<br/>In stock: 3285 pcs<br/><b>RFQ</b></div>            | <div></div> <div><b>TPS51362RVER</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ/PROG 10A 28VQFN<br/>In stock: 39254 pcs<br/><b>RFQ</b></div> |