



TS30042-M025QFNR

|                     |                                  |
|---------------------|----------------------------------|
| Part Number:        | TS30042-M025QFNR                 |
| Manufacturer/Brand: | Semtech                          |
| Product description | IC REG BUCK 2.5V 2A SYNC 16-VQFN |
| Datasheets:         | TS30042-M025QFNR.pdf             |
| 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 TS30042-M025QFNR

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | TS30042-M025QFNR                                                                 |
| MANUFACTURER                     | Semtech                                                                          |
| DESCRIPTION                      | IC REG BUCK 2.5V 2A SYNC 16-VQFN                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| DATA SHEET                       | TS30042-M025QFNR.pdf                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                             |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                |
| VOLTAGE - INPUT (MIN)            | 4.5V                                                                             |
| VOLTAGE - INPUT (MAX)            | 40V                                                                              |
| TOPOLOGY                         | Buck                                                                             |
| SYNCHRONOUS RECTIFIER            | Yes                                                                              |
| SUPPLIER DEVICE PACKAGE          | 16-QFN (3x3)                                                                     |
| SERIES                           | -                                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                 |
| PACKAGE / CASE                   | 16-VFQFN Exposed Pad                                                             |
| OUTPUT TYPE                      | Fixed                                                                            |
| OUTPUT CONFIGURATION             | Positive                                                                         |
| OTHER NAMES                      | TS30042-M025QFNRTR                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                               |
| NUMBER OF OUTPUTS                | 1                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                    |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| FUNCTION                         | Step-Down                                                                        |
| FREQUENCY - SWITCHING            | 1MHz                                                                             |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Fixed 2.5V 1 Output 2A 16-VFQFN Exposed Pad |
| CURRENT - OUTPUT                 | 2A                                                                               |

Related Tags

|                                |                                      |                                           |
|--------------------------------|--------------------------------------|-------------------------------------------|
| Semtech TS30042-M025QFNR       | TS30042-M025QFNR Distributor         | TS30042-M025QFNR Supplier                 |
| TS30042-M025QFNR Price         | TS30042-M025QFNR Pictures            | TS30042-M025QFNR Image                    |
| TS30042-M025QFNR PDF Datasheet | TS30042-M025QFNR Download Datasheet  | TS30042-M025QFNR Datasheet                |
| TS30042-M025QFNR Stock         | Buy TS30042-M025QFNR                 | Buy Semtech TS30042-M025QFNR              |
| Semtech TS30042-M025QFNR       | Semtech Supplier                     | Semtech Distributor                       |
| Semtech TS30042-M025QFNR       | Semtech Corporation TS30042-M025QFNR | SEMTECH ELECTRONICS LTD. TS30042-M025QFNR |

Related Products

|                                                                                                                                                                                 |                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>TS30042-M018QFNR</b><br/>Manufacturers: Semtech<br/>Description: IC REG BUCK 1.8V 2A SYNC 16-VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>TS3004ITD1033T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC OSCILLATOR/TIMER 10TDFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>TS30041-M025QFNR</b><br/>Manufacturers: Semtech<br/>Description: IC REG BUCK 2.5V 1A SYNC 16-VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>TS30041-M050QFNR</b><br/>Manufacturers: Semtech<br/>Description: IC REG BUCK 5V 1A SYNC 16-VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>               |
| <div></div> <div><b>TS30041-M033QFNR</b><br/>Manufacturers: Semtech<br/>Description: IC REG BUCK 3.3V 1A SYNC 16-VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>TS3004ITD1033</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC OSCILLATOR/TIMER 10TDFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>TS3004ITD1033T</b><br/>Manufacturers: Touchstone Semiconductor<br/>Description: IC OSC SILICON PROG 10TDFN<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>TS30042-M000QFNR</b><br/>Manufacturers: Semtech<br/>Description: IC REG BUCK ADJ 2A SYNC 16-VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>              |
| <div></div> <div><b>TS30042-M015QFNR</b><br/>Manufacturers: Semtech<br/>Description: IC REG BUCK 1.5V 2A SYNC 16-VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>TS3005ITD1033</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC OSCILLATOR/TIMER 10TDFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>TS30042-M050QFNR</b><br/>Manufacturers: Semtech<br/>Description: IC REG BUCK 5V 2A SYNC 16-VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>            | <div></div> <div><b>TS30042-M033QFNR</b><br/>Manufacturers: Semtech<br/>Description: IC REG BUCK 3.3V 2A SYNC 16-VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>             |