



Semtech



TS30042-M000QFNR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TS30042-M000QFNR                                                                                             |
| Manufacturer/Brand: | Semtech                                                                                                      |
| Product description | IC REG BUCK ADJ 2A SYNC 16-VQFN                                                                              |
| Datasheets:         |  TS30042-M000QFNR.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 60599 pcs stock                                                                                              |
| 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-M000QFNR

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TS30042-M000QFNR                                                                                         |
| MANUFACTURER                     | Semtech                                                                                                  |
| DESCRIPTION                      | IC REG BUCK ADJ 2A SYNC 16-VQFN                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 60599 pcs                                                                                                |
| DATA SHEET                       |  TS30042-M000QFNR.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.9V                                                                                                     |
| VOLTAGE - OUTPUT (MAX)           | 39V                                                                                                      |
| VOLTAGE - INPUT (MIN)            | 4.5V                                                                                                     |
| VOLTAGE - INPUT (MAX)            | 40V                                                                                                      |
| TOPOLOGY                         | Buck                                                                                                     |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 16-QFN (3x3)                                                                                             |
| SERIES                           | -                                                                                                        |
| PACKAGING                        | Original-Reel®                                                                                           |
| PACKAGE / CASE                   | 16-VFQFN Exposed Pad                                                                                     |
| OUTPUT TYPE                      | Adjustable                                                                                               |
| OUTPUT CONFIGURATION             | Positive                                                                                                 |
| OTHER NAMES                      | TS30042-M000QFNDRDKR                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                       |
| NUMBER OF OUTPUTS                | 1                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| FUNCTION                         | Step-Down                                                                                                |
| FREQUENCY - SWITCHING            | 1MHz                                                                                                     |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.9V 1 Output 2A 16-VFQFN Exposed Pad                    |
| CURRENT - OUTPUT                 | 2A                                                                                                       |

Related Tags

|                                |                                      |                                           |
|--------------------------------|--------------------------------------|-------------------------------------------|
| Semtech TS30042-M000QFNR       | TS30042-M000QFNR Distributor         | TS30042-M000QFNR Supplier                 |
| TS30042-M000QFNR Price         | TS30042-M000QFNR Pictures            | TS30042-M000QFNR Image                    |
| TS30042-M000QFNR PDF Datasheet | TS30042-M000QFNR Download Datasheet  | TS30042-M000QFNR Datasheet                |
| TS30042-M000QFNR Stock         | Buy TS30042-M000QFNR                 | Buy Semtech TS30042-M000QFNR              |
| Semtech TS30042-M000QFNR       | Semtech Supplier                     | Semtech Distributor                       |
| Semtech TS30042-M000QFNR       | Semtech Corporation TS30042-M000QFNR | SEMTECH ELECTRONICS LTD. TS30042-M000QFNR |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>TS30041-M018QFNR</b><br/>Manufacturers: Semtech<br/>Description: IC REG BUCK 1.8V 1A SYNC 16-VQFN<br/>In stock: 60127 pcs</div> <div>RFQ</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: 69912 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>TS3004ITD1033</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC OSCILLATOR/TIMER 10TDFN<br/>In stock: 3837 pcs</div> <div>RFQ</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: 153539 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>TS30041-M015QFNR</b><br/>Manufacturers: Semtech<br/>Description: IC REG BUCK 1.5V 1A SYNC 16-VQFN<br/>In stock: 142819 pcs</div> <div>RFQ</div>          | <div></div> <div><b>TS30041-M000QFNR</b><br/>Manufacturers: Semtech<br/>Description: IC REG BUCK ADJ 1A SYNC 16-VQFN<br/>In stock: 152272 pcs</div> <div>RFQ</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: 147171 pcs</div> <div>RFQ</div>          | <div></div> <div><b>TS30042-M025QFNR</b><br/>Manufacturers: Semtech<br/>Description: IC REG BUCK 2.5V 2A SYNC 16-VQFN<br/>In stock: 118786 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>TS30042-M050QFNR</b><br/>Manufacturers: Semtech<br/>Description: IC REG BUCK 5V 2A SYNC 16-VQFN<br/>In stock: 50398 pcs</div> <div>RFQ</div>             | <div></div> <div><b>TS30041-M050QFNR</b><br/>Manufacturers: Semtech<br/>Description: IC REG BUCK 5V 1A SYNC 16-VQFN<br/>In stock: 155481 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>TS30042-M018QFNR</b><br/>Manufacturers: Semtech<br/>Description: IC REG BUCK 1.8V 2A SYNC 16-VQFN<br/>In stock: 61560 pcs</div> <div>RFQ</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: 118886 pcs</div> <div>RFQ</div> |