



LM20145QMHX/NOPB

|                     |                                 |
|---------------------|---------------------------------|
| Part Number:        | LM20145QMHX/NOPB                |
| Manufacturer/Brand: | N/A                             |
| Product description | IC REG BUCK ADJ 5A SYNC 16TSSOP |
| 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 LM20145QMHX/NOPB

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LM20145QMHX/NOPB                                                                                             |
| MANUFACTURER                     | N/A                                                                                                          |
| DESCRIPTION                      | IC REG BUCK ADJ 5A SYNC 16TSSOP                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| DATA SHEET                       |                                                                                                              |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                                                                         |
| VOLTAGE - OUTPUT (MAX)           | 4.68V                                                                                                        |
| VOLTAGE - INPUT (MIN)            | 2.95V                                                                                                        |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                         |
| TOPOLOGY                         | Buck                                                                                                         |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 16-HTSSOP                                                                                                    |
| SERIES                           | Automotive, AEC-Q100, PowerWise®                                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                             |
| PACKAGE / CASE                   | 16-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                                  |
| OUTPUT TYPE                      | Adjustable                                                                                                   |
| OUTPUT CONFIGURATION             | Positive                                                                                                     |
| 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  | 28 Weeks                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| FUNCTION                         | Step-Down                                                                                                    |
| FREQUENCY - SWITCHING            | 260kHz ~ 750kHz                                                                                              |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 5A 16-TSSOP (0.173", 4.40mm Width) Exposed Pad |
| CURRENT - OUTPUT                 | 5A                                                                                                           |
| BASE PART NUMBER                 | LM20145                                                                                                      |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| LM20145QMHX/NOPB               | LM20145QMHX/NOPB Distributor        | LM20145QMHX/NOPB Supplier  |
| LM20145QMHX/NOPB Price         | LM20145QMHX/NOPB Pictures           | LM20145QMHX/NOPB Image     |
| LM20145QMHX/NOPB PDF Datasheet | LM20145QMHX/NOPB Download Datasheet | LM20145QMHX/NOPB Datasheet |
| LM20145QMHX/NOPB Stock         | Buy LM20145QMHX/NOPB                | Buy LM20145QMHX/NOPB       |
| LM20145QMHX/NOPB               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                                |                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LM20145MHE/NOPB</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ 5A SYNC 16-TSSOP<br/>In stock: 32400 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>LM20146MH/NOPB</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ 6A SYNC 16TSSOP<br/>In stock: 41144 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>LM20154MH/NOPB</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ 4A SYNC 16TSSOP<br/>In stock: 42954 pcs<br/><b>RFQ</b></div>    | <div></div> <div><b>LM20145MH/NOPB</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ 5A SYNC 16TSSOP<br/>In stock: 41253 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>LM20145MHX/NOPB</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ 5A SYNC 16-TSSOP<br/>In stock: 59386 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>LM20145EVAL</b><br/>Manufacturers: N/A<br/>Description: BOARD EVAL 5A POWERWISE LM20145<br/>In stock: 1919 pcs<br/><b>RFQ</b></div>      |
| <div></div> <div><b>LM20145QMH/NOPB</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ 5A SYNC 16TSSOP<br/>In stock: 25157 pcs<br/><b>RFQ</b></div>   | <div></div> <div><b>LM20146MHX/NOPB</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ 6A SYNC 16TSSOP<br/>In stock: 57751 pcs<br/><b>RFQ</b></div> |
| <div></div> <div><b>LM20146MHE/NOPB</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ 6A SYNC 16TSSOP<br/>In stock: 46370 pcs<br/><b>RFQ</b></div>   | <div></div> <div><b>LM20146MHEVAL</b><br/>Manufacturers: N/A<br/>Description: BOARD EVALUATION FOR LM20146MH<br/>In stock: 1643 pcs<br/><b>RFQ</b></div>     |
| <div></div> <div><b>LM20145QMHE/NOPB</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK ADJ 5A SYNC 16-TSSOP<br/>In stock: 40640 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>LM20154EVAL</b><br/>Manufacturers: N/A<br/>Description: BOARD EVAL 4A POWERWISE LM20154<br/>In stock: 1716 pcs<br/><b>RFQ</b></div>      |