



VNP14N04-E

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | VNP14N04-E                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                               |
| Product description | MOSFET OMNIFET 42V 14A TO-220                                                                                    |
| Datasheets:         |  <a href="#">VNP14N04-E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant     |
| Stock Condition     | 87750 pcs stock                                                                                                  |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

REQUEST FOR QUOTATION

Specifications of VNP14N04-E

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VNP14N04-E                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                 |
| DESCRIPTION                      | MOSFET OMNIFET 42V 14A TO-220                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| QUANTITY AVAILABLE               | 87750 pcs                                                                                                          |
| DATA SHEET                       |  <a href="#">VNP14N04-E.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                                       |
| VOLTAGE - LOAD                   | 35V (Max)                                                                                                          |
| SWITCH TYPE                      | General Purpose                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | TO-220AB                                                                                                           |
| SERIES                           | OMNIFET™, VIPower™                                                                                                 |
| RDS ON (TYP)                     | 70 mOhm (Max)                                                                                                      |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                                |
| PACKAGING                        | Tube                                                                                                               |
| PACKAGE / CASE                   | TO-220-3                                                                                                           |
| OUTPUT TYPE                      | N-Channel                                                                                                          |
| OUTPUT CONFIGURATION             | Low Side                                                                                                           |
| OPERATING TEMPERATURE            | -                                                                                                                  |
| NUMBER OF OUTPUTS                | 1                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| INTERFACE                        | On/Off                                                                                                             |
| INPUT TYPE                       | Non-Inverting                                                                                                      |
| FEATURES                         | -                                                                                                                  |
| FAULT PROTECTION                 | Current Limiting (Fixed), Over Temperature, Over Voltage                                                           |
| CURRENT - OUTPUT (MAX)           | 10A                                                                                                                |
| BASE PART NUMBER                 | VN*14N                                                                                                             |

Related Tags

|                               |                               |                                   |
|-------------------------------|-------------------------------|-----------------------------------|
| STMicroelectronics VNP14N04-E | VNP14N04-E Distributor        | VNP14N04-E Supplier               |
| VNP14N04-E Price              | VNP14N04-E Pictures           | VNP14N04-E Image                  |
| VNP14N04-E PDF Datasheet      | VNP14N04-E Download Datasheet | VNP14N04-E Datasheet              |
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| STMicroelectronics VNP14N04-E | STMicroelectronics Supplier   | STMicroelectronics Distributor    |
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Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>VNP14N04FI</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET POWER 42V 14A ISOWATT220<br/>In stock: 65813 pcs<br/><div>RFQ</div></div>   |  <div><b>VNP10N06FI</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET POWER 60V 10A ISOWATT220<br/>In stock: 94094 pcs<br/><div>RFQ</div></div>   |
|  <div><b>VNP20N07</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET N-CH 70V 20A TO-220<br/>In stock: 58593 pcs<br/><div>RFQ</div></div>          |  <div><b>VNP20N07-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFET 70V 20A TO-220<br/>In stock: 57812 pcs<br/><div>RFQ</div></div>     |
|  <div><b>VNP14N04</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET N-CH 42V 14A TO-220<br/>In stock: 86287 pcs<br/><div>RFQ</div></div>          |  <div><b>VNP10N07-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFET 70V 10A TO-220<br/>In stock: 91084 pcs<br/><div>RFQ</div></div>     |
|  <div><b>VNP20N07FI</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET POWER 70V 20A ISOWATT220<br/>In stock: 62622 pcs<br/><div>RFQ</div></div>   |  <div><b>VNP10N07</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET N-CH 70V 10A TO-220<br/>In stock: 94616 pcs<br/><div>RFQ</div></div>          |
|  <div><b>VNP14NV04-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFETII 40V 12A TO-2203<br/>In stock: 83357 pcs<br/><div>RFQ</div></div> |  <div><b>VNP10N07FI-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET POWER 70V 10A ISOWATT220<br/>In stock: 79679 pcs<br/><div>RFQ</div></div> |
|  <div><b>VNP14NV04</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET POWER 40V 12A TO-220-3<br/>In stock: 60364 pcs<br/><div>RFQ</div></div>      |  <div><b>VNP10N07FI</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET N-CH 70V 10A ISOWATT-220<br/>In stock: 89882 pcs<br/><div>RFQ</div></div>   |