



VNV14N04-E

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | VNV14N04-E                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                               |
| Product description | IC PWR MOSFET M0 42V 14A PWRSO10                                                                                 |
| Datasheets:         |  <a href="#">VNV14N04-E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant     |
| Stock Condition     | 3804 pcs stock                                                                                                   |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

REQUEST FOR QUOTATION

Specifications of VNV14N04-E

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VNV14N04-E                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                 |
| DESCRIPTION                      | IC PWR MOSFET M0 42V 14A PWRSO10                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| QUANTITY AVAILABLE               | 3804 pcs                                                                                                           |
| DATA SHEET                       |  <a href="#">VNV14N04-E.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                                       |
| VOLTAGE - LOAD                   | 35V (Max)                                                                                                          |
| SWITCH TYPE                      | General Purpose                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 10-PowerSO                                                                                                         |
| SERIES                           | OMNIFET™, VIPower™                                                                                                 |
| RDS ON (TYP)                     | 70 mOhm (Max)                                                                                                      |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                                |
| PACKAGING                        | Tube                                                                                                               |
| PACKAGE / CASE                   | PowerSO-10 Exposed Bottom Pad                                                                                      |
| OUTPUT TYPE                      | N-Channel                                                                                                          |
| OUTPUT CONFIGURATION             | Low Side                                                                                                           |
| OPERATING TEMPERATURE            | -                                                                                                                  |
| NUMBER OF OUTPUTS                | 1                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                      |
| 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

|                               |                               |                                   |
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| STMicroelectronics VNV14N04-E | VNV14N04-E Distributor        | VNV14N04-E Supplier               |
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| VNV14N04-E PDF Datasheet      | VNV14N04-E Download Datasheet | VNV14N04-E Datasheet              |
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| STMicroelectronics VNV14N04-E | STMicroelectronics Supplier   | STMicroelectronics Distributor    |
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Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>VNV20N07-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC PWR MOSFET M0 70V 20A PWRSO10<br/>In stock: 56998 pcs<br/><div>RFQ</div></div>   |  <div><b>VNV10N07</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET POWER AUTOPROT POWERSO10<br/>In stock: 69200 pcs<br/><div>RFQ</div></div>      |
|  <div><b>VNV28N04-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET N-CH 42V POWERSO10<br/>In stock: 39418 pcs<br/><div>RFQ</div></div>          |  <div><b>VNV20N0713TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFET 70V 20A POWERSO10<br/>In stock: 41367 pcs<br/><div>RFQ</div></div> |
|  <div><b>VNV28N04</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET POWER 42V 28A PWRSO10<br/>In stock: 42372 pcs<br/><div>RFQ</div></div>         |  <div><b>VNV20N07</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET POWER AUTOPROT POWERSO10<br/>In stock: 55187 pcs<br/><div>RFQ</div></div>      |
|  <div><b>VNV20N07TR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC PWR MOSFET M0 70V 20A PWRSO10<br/>In stock: 56957 pcs<br/><div>RFQ</div></div> |  <div><b>VNV10N0713TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFET 70V 10A POWERSO10<br/>In stock: 47868 pcs<br/><div>RFQ</div></div> |
|  <div><b>VNV28N04TR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET N-CH 42V POWERSO10<br/>In stock: 5135 pcs<br/><div>RFQ</div></div>         |  <div><b>VNV35N07</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET N-CH 70V 35A POWERSO-10<br/>In stock: 31541 pcs<br/><div>RFQ</div></div>       |
|  <div><b>VNV14N04</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET POWER AUTOPROT POWERSO10<br/>In stock: 50310 pcs<br/><div>RFQ</div></div>      |  <div><b>VNV10N07-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOSFET OMNIFET 70V POWERSO10<br/>In stock: 78943 pcs<br/><div>RFQ</div></div>    |