



VND14NV0413TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | VND14NV0413TR                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | MOSFET POWER 40V 12A DPAK                                                                                    |
| Datasheets:         |  VND14NV0413TR.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 80020 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of VND14NV0413TR

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VND14NV0413TR                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                    |
| DESCRIPTION                      | MOSFET POWER 40V 12A DPAK                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 80020 pcs                                                                                             |
| DATA SHEET                       |  VND14NV0413TR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                          |
| VOLTAGE - LOAD                   | 36V (Max)                                                                                             |
| SWITCH TYPE                      | General Purpose                                                                                       |
| SUPPLIER DEVICE PACKAGE          | DPAK                                                                                                  |
| SERIES                           | OMNIFET II™, VIPower™                                                                                 |
| RDS ON (TYP)                     | 35 mOhm (Max)                                                                                         |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | TO-252-3, DPak (2 Leads + Tab), SC-63                                                                 |
| OUTPUT TYPE                      | N-Channel                                                                                             |
| OUTPUT CONFIGURATION             | Low Side                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                    |
| 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)           | 12A                                                                                                   |
| BASE PART NUMBER                 | 14NV04                                                                                                |

Related Tags

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Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>VND14NV04-1</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET POWER 40V 12A IPAK<br/>In stock: 67081 pcs<br/><div>RFQ</div></div>        |  <div><b>VND14NV04</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET N-CH 40V 12A DPAK<br/>In stock: 5114 pcs<br/><div>RFQ</div></div>         |
|  <div><b>VND1NV04-1</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFETII 40V 1.7A DPAK<br/>In stock: 163526 pcs<br/><div>RFQ</div></div>   |  <div><b>VND10N0613TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFET 60V 10A DPAK<br/>In stock: 126151 pcs<br/><div>RFQ</div></div> |
|  <div><b>VND1NV0413TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET POWER OMNIFET II DPAK<br/>In stock: 145678 pcs<br/><div>RFQ</div></div>   |  <div><b>VND10N06TR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFET 60V 10A DPAK<br/>In stock: 135079 pcs<br/><div>RFQ</div></div> |
|  <div><b>VND14NV04-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET N-CH 40V 12A DPAK<br/>In stock: 36115 pcs<br/><div>RFQ</div></div>         |  <div><b>VND1NV04-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC PWR MOSFET 40V 1.7A DPAK<br/>In stock: 137320 pcs<br/><div>RFQ</div></div>   |
|  <div><b>VND14NV04TR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFET 40V 12A DPAK<br/>In stock: 36971 pcs<br/><div>RFQ</div></div>    |  <div><b>VND1NV04</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET POWER OMNIFET II DPAK<br/>In stock: 163640 pcs<br/><div>RFQ</div></div>    |
|  <div><b>VND1NV04-1-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFETII 40V 1.7A IPAK<br/>In stock: 156873 pcs<br/><div>RFQ</div></div> |  <div><b>VND14NV04-1-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFET 40V 12A IPAK<br/>In stock: 77855 pcs<br/><div>RFQ</div></div> |