



VND5N07-1-E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | VND5N07-1-E                                                                                                  |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | MOSFET OMNIFET 70V 5A IPAK                                                                                   |
| Datasheets:         |  VND5N07-1-E.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

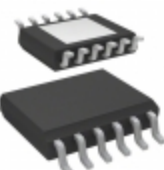
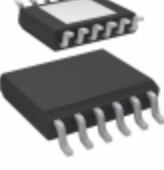
Specifications of VND5N07-1-E

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VND5N07-1-E                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                  |
| DESCRIPTION                      | MOSFET OMNIFET 70V 5A IPAK                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| DATA SHEET                       |  VND5N07-1-E.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                        |
| VOLTAGE - LOAD                   | 55V (Max)                                                                                           |
| SWITCH TYPE                      | General Purpose                                                                                     |
| SUPPLIER DEVICE PACKAGE          | I-PAK                                                                                               |
| SERIES                           | OMNIFET II™, VIPower™                                                                               |
| RDS ON (TYP)                     | 200 mOhm (Max)                                                                                      |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                 |
| PACKAGING                        | Tube                                                                                                |
| PACKAGE / CASE                   | TO-251-3 Short Leads, IPak, TO-251AA                                                                |
| 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)           | 3.5A                                                                                                |
| BASE PART NUMBER                 | VN*5N                                                                                               |

Related Tags

|                                |                                |                                    |
|--------------------------------|--------------------------------|------------------------------------|
| STMicroelectronics VND5N07-1-E | VND5N07-1-E Distributor        | VND5N07-1-E Supplier               |
| VND5N07-1-E Price              | VND5N07-1-E Pictures           | VND5N07-1-E Image                  |
| VND5N07-1-E PDF Datasheet      | VND5N07-1-E Download Datasheet | VND5N07-1-E Datasheet              |
| VND5N07-1-E Stock              | Buy VND5N07-1-E                | Buy STMicroelectronics VND5N07-1-E |
| STMicroelectronics VND5N07-1-E | STMicroelectronics Supplier    | STMicroelectronics Distributor     |
| STMicroelectronics VND5N07-1-E |                                |                                    |

Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>VND5N07-1</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET PWR 70V 5A IPAK<br/>In stock: Out stock<br/><div>RFQ</div></div>                |  <div><b>VND5T016ASPTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGH SIDE 2CH PWRSO16<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>VND5N07TR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFET 70V 5A DPAK<br/>In stock: Out stock<br/><div>RFQ</div></div>          |  <div><b>VND5E160MJTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR SW HI SIDE 2CH POWERSO12<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>VND5N07</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET N-CH 70V 5A DPAK<br/>In stock: Out stock<br/><div>RFQ</div></div>                 |  <div><b>VND5E160MJ-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR SW HI SIDE 2CH POWERSO12<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>VND5T035AKTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGH SIDE 2CH PWRSSO24<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>VND5N07-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET N-CH 70V 5A TO252<br/>In stock: Out stock<br/><div>RFQ</div></div>              |
|  <div><b>VND5T035AK-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGH SIDE 2CH PWRSSO24<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>VND5E160JTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SW M0-5 2CH 10A DGTL PWRSSO12<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>VND5N0713TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET N-CH 70V 5A DPAK<br/>In stock: Out stock<br/><div>RFQ</div></div>             |  <div><b>VND5E160J-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SW M0-5 2CH 10A DGTL PWRSSO12<br/>In stock: Out stock<br/><div>RFQ</div></div>    |