



Image may be representation. See specifications for product details.

VNQ05XSP16

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | VNQ05XSP16                                                                                                   |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC SSR HIGH SIDE QUAD POWERSO16                                                                              |
| Datasheets:         |  VNQ05XSP16.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6493 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of VNQ05XSP16

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VNQ05XSP16                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                 |
| DESCRIPTION                      | IC SSR HIGH SIDE QUAD POWERSO16                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 6493 pcs                                                                                           |
| DATA SHEET                       |  VNQ05XSP16.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                       |
| VOLTAGE - LOAD                   | 5.5 V ~ 36 V                                                                                       |
| SWITCH TYPE                      | General Purpose                                                                                    |
| SUPPLIER DEVICE PACKAGE          | PowerSO-16™                                                                                        |
| SERIES                           | -                                                                                                  |
| RDS ON (TYP)                     | 110 mOhm (Max)                                                                                     |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                |
| PACKAGING                        | Tube                                                                                               |
| PACKAGE / CASE                   | 16-PowerBSOP (0.370", 9.40mm Width)                                                                |
| OUTPUT TYPE                      | N-Channel                                                                                          |
| OUTPUT CONFIGURATION             | High Side                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                 |
| NUMBER OF OUTPUTS                | 4                                                                                                  |
| 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)           | 5A                                                                                                 |
| BASE PART NUMBER                 | VNQ05XSP16                                                                                         |

Related Tags

|                               |                               |                                   |
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Related Products

|                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>VNQ500NTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH SIDE QUAD PWRSO-12<br/>In stock: 92017 pcs<br/><b>RFQ</b></div>    |  <div><b>VNQ5027AK-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SSR HISIDE QUAD POWERSO24<br/>In stock: 28661 pcs<br/><b>RFQ</b></div>    |
|  <div><b>VNQ5050KTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HISIDE QUAD POWERSO24<br/>In stock: 18618 pcs<br/><b>RFQ</b></div>  |  <div><b>VNQ05XSP1613TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SSR HISIDE QUAD POWERSO16<br/>In stock: 6042 pcs<br/><b>RFQ</b></div>  |
|  <div><b>VNQ5027AKTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SSR HISIDE QUAD POWERSO24<br/>In stock: 15855 pcs<br/><b>RFQ</b></div>    |  <div><b>VNQ5050AKTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HISIDE QUAD POWERSO24<br/>In stock: 31756 pcs<br/><b>RFQ</b></div>  |
|  <div><b>VNQ05XSP16-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SSR HI SIDE QUAD 36V PWRSO16<br/>In stock: 25658 pcs<br/><b>RFQ</b></div>  |  <div><b>VNQ5050AK-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HISIDE QUAD POWERSO24<br/>In stock: 38599 pcs<br/><b>RFQ</b></div> |
|  <div><b>VNQ500PEPTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HISIDE QUAD POWERSO12<br/>In stock: 91643 pcs<br/><b>RFQ</b></div> |  <div><b>VNQ500N-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH SIDE QUAD PWRSO-12<br/>In stock: 98969 pcs<br/><b>RFQ</b></div>    |
|  <div><b>VNQ05XSP16TR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SSR HI SIDE QUAD 36V PWRSO16<br/>In stock: 4468 pcs<br/><b>RFQ</b></div> |  <div><b>VNQ5050K-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HISIDE QUAD POWERSO24<br/>In stock: 35272 pcs<br/><b>RFQ</b></div>  |