



VN31-E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | VN31-E                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC SMART PWR SSR ISO PENTAWATT-5                                                                             |
| Datasheets:         |  VN31-E.pdf                 |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 26705 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

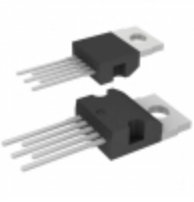
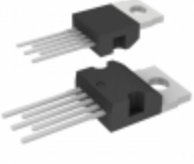
Specifications of VN31-E

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VN31-E                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                             |
| DESCRIPTION                      | IC SMART PWR SSR ISO PENTAWATT-5                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| QUANTITY AVAILABLE               | 26705 pcs                                                                                      |
| DATA SHEET                       |  VN31-E.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                   |
| VOLTAGE - LOAD                   | 5.5 V ~ 26 V                                                                                   |
| SWITCH TYPE                      | General Purpose                                                                                |
| SUPPLIER DEVICE PACKAGE          | 5-PENTAWATT                                                                                    |
| SERIES                           | -                                                                                              |
| RDS ON (TYP)                     | 30 mOhm (Max)                                                                                  |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                            |
| PACKAGING                        | Tube                                                                                           |
| PACKAGE / CASE                   | Pentawatt-5 (Vertical, Bent and Staggered Leads)                                               |
| OUTPUT TYPE                      | N-Channel                                                                                      |
| OUTPUT CONFIGURATION             | High Side                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                             |
| 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                         | Status Flag                                                                                    |
| FAULT PROTECTION                 | Open Load Detect, Over Temperature                                                             |
| CURRENT - OUTPUT (MAX)           | 31A                                                                                            |
| BASE PART NUMBER                 | VN31                                                                                           |

Related Tags

|                           |                             |                                |
|---------------------------|-----------------------------|--------------------------------|
| STMicroelectronics VN31-E | VN31-E Distributor          | VN31-E Supplier                |
| VN31-E Price              | VN31-E Pictures             | VN31-E Image                   |
| VN31-E PDF Datasheet      | VN31-E Download Datasheet   | VN31-E Datasheet               |
| VN31-E Stock              | Buy VN31-E                  | Buy STMicroelectronics VN31-E  |
| STMicroelectronics VN31-E | STMicroelectronics Supplier | STMicroelectronics Distributor |
| STMicroelectronics VN31-E |                             |                                |

Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>VN31</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SSR HIGHSIDE PENTAWATT5 VERT<br/>In stock: 33457 pcs<br/><div>RFQ</div></div>       |  <div><b>VN31(012Y)</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SMART PWR SSR ISO PENTAWATT-5<br/>In stock: 26077 pcs<br/><div>RFQ</div></div>            |
|  <div><b>VN30-2051</b><br/>Manufacturers: Bel<br/>Description: CONN N TYPE JACK STR 50OHM CRIMP<br/>In stock: 16093 pcs<br/><div>RFQ</div></div>                |  <div><b>VN31-12-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SMART PWR SSR ISO PENTAWATT-5<br/>In stock: 26240 pcs<br/><div>RFQ</div></div>             |
|  <div><b>VN31(011Y)</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SSR HIGHSIDE PENTAWATT5 HORZ<br/>In stock: 30026 pcs<br/><div>RFQ</div></div> |  <div><b>VN3205N3-G-P002</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: MOSFET N-CH 50V 1.2A TO92-3<br/>In stock: 89895 pcs<br/><div>RFQ</div></div> |
|  <div><b>VN31SP-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SMART PWR SSR ISO POWERSO10<br/>In stock: 18058 pcs<br/><div>RFQ</div></div>    |  <div><b>VN31SP13TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SMART PWR SSR ISO 10-POWERSO<br/>In stock: 29084 pcs<br/><div>RFQ</div></div>             |
|  <div><b>VN31SPTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SMART PWR SSR ISO POWERSO10<br/>In stock: 27366 pcs<br/><div>RFQ</div></div>  |  <div><b>VN3205N3-G</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: MOSFET N-CH 50V 1.2A TO92-3<br/>In stock: 71648 pcs<br/><div>RFQ</div></div>      |
|  <div><b>VN31SP</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SMART PWR SSR ISO 10-POWERSO<br/>In stock: 23439 pcs<br/><div>RFQ</div></div>     |  <div><b>VN31-11-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SMART PWR SSR ISO PENTAWATT-5<br/>In stock: 29281 pcs<br/><div>RFQ</div></div>             |