



Image may be representation. See specifications for product details.

VN5012SAK-E

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | VN5012SAK-E                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                |
| Product description | IC DVR SGL HI SIDE POWERSSO24                                                                                     |
| Datasheets:         |  <a href="#">VN5012SAK-E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Stock Condition     | 46221 pcs stock                                                                                                   |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

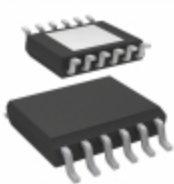
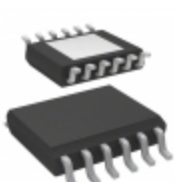
Specifications of VN5012SAK-E

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VN5012SAK-E                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                  |
| DESCRIPTION                      | IC DVR SGL HI SIDE POWERSSO24                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 46221 pcs                                                                                                           |
| DATA SHEET                       |  <a href="#">VN5012SAK-E.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                                        |
| VOLTAGE - LOAD                   | 4.5 V ~ 36 V                                                                                                        |
| SWITCH TYPE                      | General Purpose                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | PowerSSO-24                                                                                                         |
| SERIES                           | VIPower™                                                                                                            |
| RDS ON (TYP)                     | 12 mOhm (Max)                                                                                                       |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                                 |
| PACKAGING                        | Tube                                                                                                                |
| PACKAGE / CASE                   | PowerSSO-24™ Exposed Bottom Pad                                                                                     |
| 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                         | Auto Restart                                                                                                        |
| FAULT PROTECTION                 | Current Limiting (Fixed), Over Temperature, Over Voltage                                                            |
| CURRENT - OUTPUT (MAX)           | 45A                                                                                                                 |
| BASE PART NUMBER                 | VN5012                                                                                                              |

Related Tags

|                                |                                |                                    |
|--------------------------------|--------------------------------|------------------------------------|
| STMicroelectronics VN5012SAK-E | VN5012SAK-E Distributor        | VN5012SAK-E Supplier               |
| VN5012SAK-E Price              | VN5012SAK-E Pictures           | VN5012SAK-E Image                  |
| VN5012SAK-E PDF Datasheet      | VN5012SAK-E Download Datasheet | VN5012SAK-E Datasheet              |
| VN5012SAK-E Stock              | Buy VN5012SAK-E                | Buy STMicroelectronics VN5012SAK-E |
| STMicroelectronics VN5012SAK-E | STMicroelectronics Supplier    | STMicroelectronics Distributor     |
| STMicroelectronics VN5012SAK-E |                                |                                    |

Related Products

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>VN5025AJ-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HIGHSIDE AUTO PWRSSO-12<br/>In stock: 83384 pcs</p> <p>RFQ</p>    |  <p><b>VN5012AKTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR 1CH HISID AUTO POWERSSO24<br/>In stock: 51534 pcs</p> <p>RFQ</p> |
|  <p><b>VN5050AJ-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR 1CH HISID AUTO POWERSSO12<br/>In stock: 93641 pcs</p> <p>RFQ</p>   |  <p><b>VN5016AJTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR 1CH HISID AUTO POWERSSO12<br/>In stock: 74406 pcs</p> <p>RFQ</p> |
|  <p><b>VN50-2050</b><br/>Manufacturers: Bel<br/>Description: CONN N TYPE JACK STR 500HM SOLDR<br/>In stock: 15934 pcs</p> <p>RFQ</p>                   |  <p><b>VN5025AJTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGHSIDE AUTO PWRSSO-12<br/>In stock: 95169 pcs</p> <p>RFQ</p>   |
|  <p><b>VN5010AKTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HISIDE AUTO POWERSSO24<br/>In stock: 52091 pcs</p> <p>RFQ</p> |  <p><b>VN5012SAKTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR SGL HI SIDE POWERSSO24<br/>In stock: 38366 pcs</p> <p>RFQ</p>   |
|  <p><b>VN5010AK-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HIGHSIDE AUTO PWRSSO-24<br/>In stock: 44019 pcs</p> <p>RFQ</p>    |  <p><b>VN5012AK-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HIGHSIDE AUTO PWRSSO-24<br/>In stock: 44592 pcs</p> <p>RFQ</p>    |
|  <p><b>VN50-2051</b><br/>Manufacturers: Bel<br/>Description: CONN N TYPE JACK STR SOLDER<br/>In stock: 15244 pcs</p> <p>RFQ</p>                        |  <p><b>VN5016AJ-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR 1CH HISIDE AUTO PWRSSO12<br/>In stock: 76441 pcs</p> <p>RFQ</p>    |