



Image may be representation. See specifications for product details.

VN5025AJ-E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | VN5025AJ-E                                                                                                   |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC DRVR HIGHSIDE AUTO PWRSSO-12                                                                              |
| Datasheets:         |  VN5025AJ-E.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 83384 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

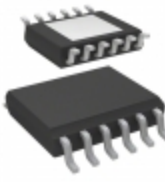
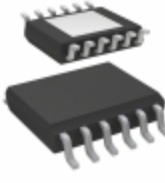
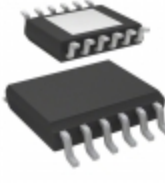
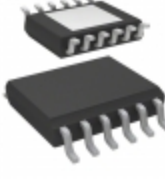
Specifications of VN5025AJ-E

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VN5025AJ-E                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                 |
| DESCRIPTION                      | IC DRVR HIGHSIDE AUTO PWRSSO-12                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 83384 pcs                                                                                          |
| DATA SHEET                       |  VN5025AJ-E.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                       |
| VOLTAGE - LOAD                   | 4.5 V ~ 36 V                                                                                       |
| SWITCH TYPE                      | General Purpose                                                                                    |
| SUPPLIER DEVICE PACKAGE          | PowerSSO-12™                                                                                       |
| SERIES                           | VIPower™                                                                                           |
| RDS ON (TYP)                     | 25 mOhm (Max)                                                                                      |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                |
| PACKAGING                        | Tube                                                                                               |
| PACKAGE / CASE                   | PowerSSO-12                                                                                        |
| OUTPUT TYPE                      | N-Channel                                                                                          |
| OUTPUT CONFIGURATION             | High 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                         | Auto Restart                                                                                       |
| FAULT PROTECTION                 | Current Limiting (Fixed), Over Temperature, Over Voltage                                           |
| CURRENT - OUTPUT (MAX)           | 28A                                                                                                |
| BASE PART NUMBER                 | VN5025                                                                                             |

Related Tags

|                               |                               |                                   |
|-------------------------------|-------------------------------|-----------------------------------|
| STMicroelectronics VN5025AJ-E | VN5025AJ-E Distributor        | VN5025AJ-E Supplier               |
| VN5025AJ-E Price              | VN5025AJ-E Pictures           | VN5025AJ-E Image                  |
| VN5025AJ-E PDF Datasheet      | VN5025AJ-E Download Datasheet | VN5025AJ-E Datasheet              |
| VN5025AJ-E Stock              | Buy VN5025AJ-E                | Buy STMicroelectronics VN5025AJ-E |
| STMicroelectronics VN5025AJ-E | STMicroelectronics Supplier   | STMicroelectronics Distributor    |
| STMicroelectronics VN5025AJ-E |                               |                                   |

Related Products

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>VN511</b><br/>Manufacturers: Bel<br/>Description: CONN N TYPE JACK STR<br/>In stock: 12776 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>VN5050AJTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR 1CH HISID AUTO POWERSSO12<br/>In stock: 41978 pcs</p> <p>RFQ</p> |  <p><b>VN5012SAK-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR SGL HI SIDE POWERSSO24<br/>In stock: 46221 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>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>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>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>VN5016AJ-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR 1CH HISIDE AUTO PWRSSO12<br/>In stock: 76441 pcs</p> <p>RFQ</p>    |  <p><b>VN5050JTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGHSIDE AUTO PWRSSO-12<br/>In stock: 94104 pcs</p> <p>RFQ</p>  |
|  <p><b>VN5050J-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HIGHSIDE AUTO PWRSSO-12<br/>In stock: 107195 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> |