



VND5050AJ-E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | VND5050AJ-E                                                                                                  |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC DRVR HISIDE 2CH POWERSSO12                                                                                |
| Datasheets:         |  VND5050AJ-E.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 61671 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of VND5050AJ-E

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VND5050AJ-E                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                  |
| DESCRIPTION                      | IC DRVR HISIDE 2CH POWERSSO12                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| QUANTITY AVAILABLE               | 61671 pcs                                                                                           |
| DATA SHEET                       |  VND5050AJ-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)                     | 50 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                | 2                                                                                                   |
| 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)           | 12A                                                                                                 |
| BASE PART NUMBER                 | VND5050                                                                                             |

Related Tags

|                                |                                |                                    |
|--------------------------------|--------------------------------|------------------------------------|
| STMicroelectronics VND5050AJ-E | VND5050AJ-E Distributor        | VND5050AJ-E Supplier               |
| VND5050AJ-E Price              | VND5050AJ-E Pictures           | VND5050AJ-E Image                  |
| VND5050AJ-E PDF Datasheet      | VND5050AJ-E Download Datasheet | VND5050AJ-E Datasheet              |
| VND5050AJ-E Stock              | Buy VND5050AJ-E                | Buy STMicroelectronics VND5050AJ-E |
| STMicroelectronics VND5050AJ-E | STMicroelectronics Supplier    | STMicroelectronics Distributor     |
| STMicroelectronics VND5050AJ-E |                                |                                    |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>VND5025AKTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HISIDE 2CH POWERSSO24<br/>In stock: 57983 pcs<br/><div>RFQ</div></div>    |  <div><b>VND5025LAKTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH SIDE DUAL POWERSSO24<br/>In stock: 39854 pcs<br/><div>RFQ</div></div> |
|  <div><b>VND5025LAK-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH SIDE DUAL POWERSSO24<br/>In stock: 44265 pcs<br/><div>RFQ</div></div> |  <div><b>VND5050AJTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HISIDE 2CH POWERSSO12<br/>In stock: 66083 pcs<br/><div>RFQ</div></div>      |
|  <div><b>VND5050K-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HISIDE 2CH POWERSSO24<br/>In stock: 59757 pcs<br/><div>RFQ</div></div>      |  <div><b>VND5012AK-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HISIDE 2CH POWERSSO24<br/>In stock: 30006 pcs<br/><div>RFQ</div></div>       |
|  <div><b>VND5050AK-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HISIDE 2CH POWERSSO24<br/>In stock: 68059 pcs<br/><div>RFQ</div></div>     |  <div><b>VND5050AKTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HISIDE 2CH POWERSSO24<br/>In stock: 70548 pcs<br/><div>RFQ</div></div>     |
|  <div><b>VND5050JTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HISIDE 2CH POWERSSO12<br/>In stock: 68859 pcs<br/><div>RFQ</div></div>    |  <div><b>VND5050J-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HISIDE 2CH POWERSSO12<br/>In stock: 63661 pcs<br/><div>RFQ</div></div>        |
|  <div><b>VND5012AKTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HISIDE 2CH POWERSSO24<br/>In stock: 35622 pcs<br/><div>RFQ</div></div>   |  <div><b>VND5025AK-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HISIDE 2CH POWERSSO24<br/>In stock: 58855 pcs<br/><div>RFQ</div></div>       |