



Image may be representation. See specifications for product details.

VND5012AK-E

|                     |                                     |
|---------------------|-------------------------------------|
| Part Number:        | VND5012AK-E                         |
| Manufacturer/Brand: | STMicroelectronics                  |
| Product description | IC DRVR HISIDE 2CH POWERSSO24       |
| Datasheets:         | <a href="#">PDF VND5012AK-E.pdf</a> |
| RoHs Status         | Lead free / RoHS Compliant          |
| Ship From           | Hong Kong                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS               |

REQUEST FOR QUOTATION

Specifications of VND5012AK-E

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| PART NUMBER                      | VND5012AK-E                                              |
| MANUFACTURER                     | STMicroelectronics                                       |
| DESCRIPTION                      | IC DRVR HISIDE 2CH POWERSSO24                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                               |
| DATA SHEET                       | <a href="#">PDF VND5012AK-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                                              |
| 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)           | 42A                                                      |
| BASE PART NUMBER                 | VND5012                                                  |

Related Tags

|                                |                                |                                    |
|--------------------------------|--------------------------------|------------------------------------|
| STMicroelectronics VND5012AK-E | VND5012AK-E Distributor        | VND5012AK-E Supplier               |
| VND5012AK-E Price              | VND5012AK-E Pictures           | VND5012AK-E Image                  |
| VND5012AK-E PDF Datasheet      | VND5012AK-E Download Datasheet | VND5012AK-E Datasheet              |
| VND5012AK-E Stock              | Buy VND5012AK-E                | Buy STMicroelectronics VND5012AK-E |
| STMicroelectronics VND5012AK-E | STMicroelectronics Supplier    | STMicroelectronics Distributor     |
| STMicroelectronics VND5012AK-E |                                |                                    |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>VND5004CSP30TR-E</b><p>Manufacturers: STMicroelectronics<br/>Description: IC SW HI SIDE DUAL MULTIPWRSO30<br/>In stock: Out stock</p><div>RFQ</div></div></div> | <div><div><b>VND5004BSP30TR-E</b><p>Manufacturers: STMicroelectronics<br/>Description: IC SW HI SIDE DUAL MULTIPWRSO30<br/>In stock: Out stock</p><div>RFQ</div></div></div> |
| <div><div><b>VND5004CSP30-E</b><p>Manufacturers: STMicroelectronics<br/>Description: IC SW HI SIDE DUAL MULTIPWRSO30<br/>In stock: Out stock</p><div>RFQ</div></div></div>   | <div><div><b>VND5004DSP30-E</b><p>Manufacturers: STMicroelectronics<br/>Description: IC SW HI SIDE DUAL MULTIPWRSO30<br/>In stock: Out stock</p><div>RFQ</div></div></div>   |
| <div><div><b>VND5050AJ-E</b><p>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HISIDE 2CH POWERSSO12<br/>In stock: Out stock</p><div>RFQ</div></div></div>        | <div><div><b>VND5025LAKTR-E</b><p>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH SIDE DUAL POWERSSO24<br/>In stock: Out stock</p><div>RFQ</div></div></div>  |
| <div><div><b>VND5025LAK-E</b><p>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH SIDE DUAL POWERSSO24<br/>In stock: Out stock</p><div>RFQ</div></div></div>    | <div><div><b>VND5004DSP30TR-E</b><p>Manufacturers: STMicroelectronics<br/>Description: IC SW HI SIDE DUAL MULTIPWRSO30<br/>In stock: Out stock</p><div>RFQ</div></div></div> |
| <div><div><b>VND5025AKTR-E</b><p>Manufacturers: STMicroelectronics<br/>Description: IC DVR HISIDE 2CH POWERSSO24<br/>In stock: Out stock</p><div>RFQ</div></div></div>       | <div><div><b>VND5012AKTR-E</b><p>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HISIDE 2CH POWERSSO24<br/>In stock: Out stock</p><div>RFQ</div></div></div>      |
| <div><div><b>VND5004BTR-E</b><p>Manufacturers: STMicroelectronics<br/>Description: IC SW HIGH SIDE DUAL 24QFPN<br/>In stock: Out stock</p><div>RFQ</div></div></div>         | <div><div><b>VND5025AK-E</b><p>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HISIDE 2CH POWERSSO24<br/>In stock: Out stock</p><div>RFQ</div></div></div>        |