




VND5050AK-E

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| Part Number: | VND5050AK-E |
| Manufacturer/Brand: | STMicroelectronics |
| Product description: | IC DRVR HISIDE 2CH POWERSSO24 |
| Datasheets: | PDF VND5050AK-E.pdf |
| RoHS Status: |  Lead free / RoHS Compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.













Specifications of VND5050AK-E

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| PART NUMBER | VND5050AK-E |
| MANUFACTURER | STMicroelectronics |
| DESCRIPTION | IC DRVR HISIDE 2CH POWERSSO24 |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | PDF VND5050AK-E.pdf |
| 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) | 50 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) | 12A |
| BASE PART NUMBER | VND5050 |

Related Tags

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|  <p>VND5025LAK-E Manufacturers: STMicroelectronics Description: IC DVR HIGH SIDE DUAL POWERSSO24 In stock: Out stock RFQ</p> |  <p>VND5050AJ-E Manufacturers: STMicroelectronics Description: IC DRVR HISIDE 2CH POWERSSO12 In stock: Out stock RFQ</p> |
|  <p>VND5160AJ-E Manufacturers: STMicroelectronics Description: IC DRVR HISIDE 2CH POWERSSO12 In stock: Out stock RFQ</p> |  <p>VND5050AJTR-E Manufacturers: STMicroelectronics Description: IC DVR HISIDE 2CH POWERSSO12 In stock: Out stock RFQ</p> |
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