



Image may be representation. See specifications for product details.

VND830MSP

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | VND830MSP                                                                                                    |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC DRVR HISIDE 2CH POWERSO10                                                                                 |
| Datasheets:         |  VND830MSP.pdf              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 25872 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of VND830MSP

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VND830MSP                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                |
| DESCRIPTION                      | IC DRVR HISIDE 2CH POWERSO10                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| QUANTITY AVAILABLE               | 25872 pcs                                                                                         |
| DATA SHEET                       |  VND830MSP.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                      |
| VOLTAGE - LOAD                   | 5.5 V ~ 36 V                                                                                      |
| SWITCH TYPE                      | General Purpose                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 10-PowerSO                                                                                        |
| SERIES                           | VIPower™                                                                                          |
| RDS ON (TYP)                     | 60 mOhm (Max)                                                                                     |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                               |
| PACKAGING                        | Tube                                                                                              |
| PACKAGE / CASE                   | PowerSO-10 Exposed Bottom Pad                                                                     |
| 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), Open Load Detect, Over Temperature, Over Voltage                        |
| CURRENT - OUTPUT (MAX)           | 6A                                                                                                |
| BASE PART NUMBER                 | VND830                                                                                            |

Related Tags

|                              |                              |                                  |
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| STMicroelectronics VND830MSP | VND830MSP Distributor        | VND830MSP Supplier               |
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Related Products

|                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>VND830MSP-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH SIDE 2CH 6A PWRSO10<br/>In stock: 3927 pcs</p> <p>RFQ</p>   |  <p><b>VND830LSP</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVR DUAL 36V 18A POWERSO-10<br/>In stock: 31343 pcs</p> <p>RFQ</p>     |
|  <p><b>VND830MSP13TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HISIDE 2CH POWERSO10<br/>In stock: 28854 pcs</p> <p>RFQ</p>   |  <p><b>VND830PEPTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGH SIDE 2CH PWRSSO24<br/>In stock: 46599 pcs</p> <p>RFQ</p> |
|  <p><b>VND830LSP-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH SIDE 2CH 18A PWRSO10<br/>In stock: 3793 pcs</p> <p>RFQ</p>  |  <p><b>VND830P-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGH SIDE 2CH 16-SOIC<br/>In stock: 53626 pcs</p> <p>RFQ</p>      |
|  <p><b>VND830E13TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH SIDE 2CH 16SOIC<br/>In stock: 57889 pcs</p> <p>RFQ</p>      |  <p><b>VND830MSPTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH SIDE 2CH 6A PWRSO10<br/>In stock: 4823 pcs</p> <p>RFQ</p>   |
|  <p><b>VND830PEP-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGH SIDE 2CH PWRSSO24<br/>In stock: 52200 pcs</p> <p>RFQ</p> |  <p><b>VND830ETR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH SIDE 2CH 16SOIC<br/>In stock: 60830 pcs</p> <p>RFQ</p>        |
|  <p><b>VND830LSP13TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HISIDE 2CH POWERSO10<br/>In stock: 33072 pcs</p> <p>RFQ</p>   |  <p><b>VND830LSPTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH SIDE 2CH 18A PWRSO10<br/>In stock: 3876 pcs</p> <p>RFQ</p>  |