



Image may be representation. See specifications for product details.

VNH3ASP30-E

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | VNH3ASP30-E                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                |
| Product description | IC MOTOR DRIVER PAR 30MULTIPWRSO                                                                                  |
| Datasheets:         |  <a href="#">VNH3ASP30-E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Stock Condition     | 17256 pcs stock                                                                                                   |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

Specifications of VNH3ASP30-E

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VNH3ASP30-E                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                  |
| DESCRIPTION                      | IC MOTOR DRIVER PAR 30MULTIPWRSO                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 17256 pcs                                                                                                           |
| DATA SHEET                       |  <a href="#">VNH3ASP30-E.pdf</a> |
| VOLTAGE - SUPPLY                 | 5.5 V ~ 16 V                                                                                                        |
| VOLTAGE - LOAD                   | 5.5 V ~ 16 V                                                                                                        |
| TECHNOLOGY                       | Power MOSFET                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | MultiPowerSO-30                                                                                                     |
| STEP RESOLUTION                  | -                                                                                                                   |
| SERIES                           | STripFET™, VIPower™                                                                                                 |
| PACKAGING                        | Tube                                                                                                                |
| PACKAGE / CASE                   | 30-MPSO, MultiPowerSO                                                                                               |
| OUTPUT CONFIGURATION             | Half Bridge (2)                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                                       |
| MOTOR TYPE - STEPPER             | -                                                                                                                   |
| MOTOR TYPE - AC, DC              | Brushed DC                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| INTERFACE                        | PWM                                                                                                                 |
| FUNCTION                         | Driver - Fully Integrated, Control and Power Stage                                                                  |
| DETAILED DESCRIPTION             | Motor Driver Power MOSFET PWM MultiPowerSO-30                                                                       |
| CURRENT - OUTPUT                 | 30A                                                                                                                 |
| BASE PART NUMBER                 | VNH3ASP30                                                                                                           |
| APPLICATIONS                     | Automotive                                                                                                          |

Related Tags

|                                |                                |                                    |
|--------------------------------|--------------------------------|------------------------------------|
| STMicroelectronics VNH3ASP30-E | VNH3ASP30-E Distributor        | VNH3ASP30-E Supplier               |
| VNH3ASP30-E Price              | VNH3ASP30-E Pictures           | VNH3ASP30-E Image                  |
| VNH3ASP30-E PDF Datasheet      | VNH3ASP30-E Download Datasheet | VNH3ASP30-E Datasheet              |
| VNH3ASP30-E Stock              | Buy VNH3ASP30-E                | Buy STMicroelectronics VNH3ASP30-E |
| STMicroelectronics VNH3ASP30-E | STMicroelectronics Supplier    | STMicroelectronics Distributor     |
| STMicroelectronics VNH3ASP30-E |                                |                                    |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>VNH2SP30-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 30MULTIPWRSO<br/>In stock: 12911 pcs<br/><div>RFQ</div></div>    |  <div><b>VNH5180ATR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 36POWERSSO<br/>In stock: 43673 pcs<br/><div>RFQ</div></div> |
|  <div><b>VNH3ASP30TR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 30MULTIPWRSO<br/>In stock: 10668 pcs<br/><div>RFQ</div></div> |  <div><b>VNH5050ATR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 36POWERSSO<br/>In stock: 38550 pcs<br/><div>RFQ</div></div> |
|  <div><b>VNH5019ATR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 30MULTIPWRSO<br/>In stock: 20325 pcs<br/><div>RFQ</div></div>  |  <div><b>VNH5180A-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 36POWERSSO<br/>In stock: 58134 pcs<br/><div>RFQ</div></div>   |
|  <div><b>VNH5200ASTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DVR H-BRIDGE 16SOIC<br/>In stock: 66976 pcs<br/><div>RFQ</div></div>     |  <div><b>VNH5019A-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 30MULTIPWRSO<br/>In stock: 15353 pcs<br/><div>RFQ</div></div> |
|  <div><b>VNH3SP30TR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 30MULTIPWRSO<br/>In stock: 12630 pcs<br/><div>RFQ</div></div>  |  <div><b>VNH5050A-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 36POWERSSO<br/>In stock: 33289 pcs<br/><div>RFQ</div></div>   |
|  <div><b>VNH2SP30TR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 30MULTIPWRSO<br/>In stock: 3241 pcs<br/><div>RFQ</div></div>   |  <div><b>VNH3SP30-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 30MULTIPWRSO<br/>In stock: 17135 pcs<br/><div>RFQ</div></div> |