



VNH5019ATR-E

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | VNH5019ATR-E                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                 |
| Product description | IC MOTOR DRIVER PAR 30MULTIPWRSO                                                                                   |
| Datasheets:         |  <a href="#">VNH5019ATR-E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Stock Condition     | 20325 pcs stock                                                                                                    |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

Specifications of VNH5019ATR-E

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VNH5019ATR-E                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                   |
| DESCRIPTION                      | IC MOTOR DRIVER PAR 30MULTIPWRSO                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| QUANTITY AVAILABLE               | 20325 pcs                                                                                                            |
| DATA SHEET                       |  <a href="#">VNH5019ATR-E.pdf</a> |
| VOLTAGE - SUPPLY                 | 5.5 V ~ 24 V                                                                                                         |
| VOLTAGE - LOAD                   | 5.5 V ~ 24 V                                                                                                         |
| TECHNOLOGY                       | Power MOSFET                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | MultiPowerSO-30                                                                                                      |
| STEP RESOLUTION                  | -                                                                                                                    |
| SERIES                           | ECOPACK®, VIPower™                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                                     |
| PACKAGE / CASE                   | 30-SOP (0.630", 16.00mm Width) Exposed Pad                                                                           |
| OUTPUT CONFIGURATION             | Half Bridge (2)                                                                                                      |
| OTHER NAMES                      | 497-13073-2<br>VNH5019ATR-E-ND<br>VNH5019ATRE                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                                   |
| MOUNTING TYPE                    | Surface Mount                                                                                                        |
| MOTOR TYPE - STEPPER             | -                                                                                                                    |
| MOTOR TYPE - AC, DC              | Brushed DC                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| INTERFACE                        | Parallel, PWM                                                                                                        |
| FUNCTION                         | Driver - Fully Integrated, Control and Power Stage                                                                   |
| DETAILED DESCRIPTION             | Motor Driver Power MOSFET Parallel, PWM MultiPowerSO-30                                                              |
| CURRENT - OUTPUT                 | 30A                                                                                                                  |
| BASE PART NUMBER                 | VNH5019A                                                                                                             |
| APPLICATIONS                     | Automotive                                                                                                           |

Related Tags

|                                 |                                 |                                     |
|---------------------------------|---------------------------------|-------------------------------------|
| STMicroelectronics VNH5019ATR-E | VNH5019ATR-E Distributor        | VNH5019ATR-E Supplier               |
| VNH5019ATR-E Price              | VNH5019ATR-E Pictures           | VNH5019ATR-E Image                  |
| VNH5019ATR-E PDF Datasheet      | VNH5019ATR-E Download Datasheet | VNH5019ATR-E Datasheet              |
| VNH5019ATR-E Stock              | Buy VNH5019ATR-E                | Buy STMicroelectronics VNH5019ATR-E |
| STMicroelectronics VNH5019ATR-E | STMicroelectronics Supplier     | STMicroelectronics Distributor      |
| STMicroelectronics VNH5019ATR-E |                                 |                                     |

Related Products

|                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>VNH5050A-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 36POWERSSO<br/>In stock: 33289 pcs<br/>RFQ</div>      |  <div><b>VNH2SP30TR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 30MULTIPWRSO<br/>In stock: 3241 pcs<br/>RFQ</div>  |
|  <div><b>VNH3ASP30TR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 30MULTIPWRSO<br/>In stock: 10668 pcs<br/>RFQ</div> |  <div><b>VNH5200ASTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DVR H-BRIDGE 16SOIC<br/>In stock: 66976 pcs<br/>RFQ</div>    |
|  <div><b>VNH5050ATR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 36POWERSSO<br/>In stock: 38550 pcs<br/>RFQ</div>    |  <div><b>VNH3SP30-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 30MULTIPWRSO<br/>In stock: 17135 pcs<br/>RFQ</div>   |
|  <div><b>VNH7013XP-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 36POWERSSO<br/>In stock: 36594 pcs<br/>RFQ</div>     |  <div><b>VNH3SP30TR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 30MULTIPWRSO<br/>In stock: 12630 pcs<br/>RFQ</div> |
|  <div><b>VNH5180ATR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 36POWERSSO<br/>In stock: 43673 pcs<br/>RFQ</div>    |  <div><b>VNH3ASP30-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 30MULTIPWRSO<br/>In stock: 17256 pcs<br/>RFQ</div>  |
|  <div><b>VNH5180A-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 36POWERSSO<br/>In stock: 58134 pcs<br/>RFQ</div>      |  <div><b>VNH5019A-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 30MULTIPWRSO<br/>In stock: 15353 pcs<br/>RFQ</div>   |