

life.augmented

STMicroelectronics

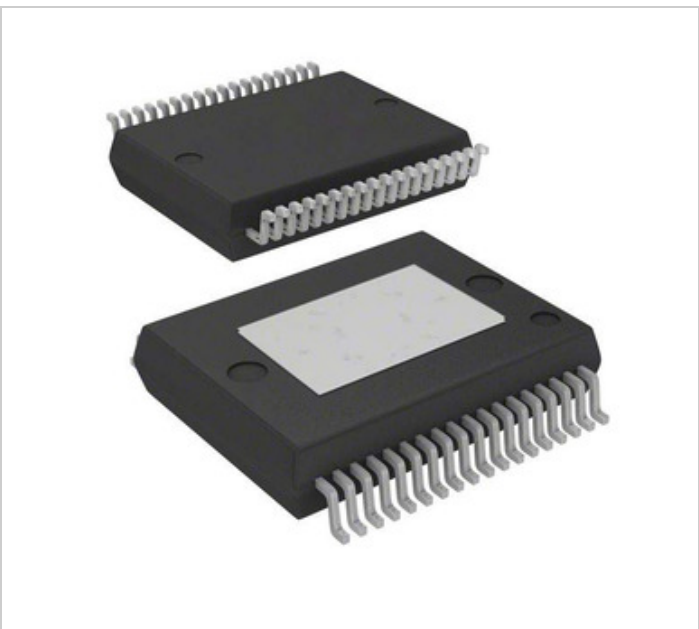


Image may be representation. See specifications for product details.

VNH7013XP-E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | VNH7013XP-E                                                                                                  |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MOTOR DRIVER PAR 36POWERSSO                                                                               |
| Datasheets:         |  VNH7013XP-E.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of VNH7013XP-E

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VNH7013XP-E                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                  |
| DESCRIPTION                      | IC MOTOR DRIVER PAR 36POWERSSO                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| DATA SHEET                       |  VNH7013XP-E.pdf |
| VOLTAGE - SUPPLY                 | 72V (Max)                                                                                           |
| VOLTAGE - LOAD                   | -                                                                                                   |
| TECHNOLOGY                       | Power MOSFET                                                                                        |
| SUPPLIER DEVICE PACKAGE          | PowerSSO-36                                                                                         |
| SERIES                           | VIPower™                                                                                            |
| RDS ON (TYP)                     | 7.3 mOhm LS, 5.7 mOhm HS                                                                            |
| PACKAGING                        | Tube                                                                                                |
| PACKAGE / CASE                   | 36-PowerBFSOP (0.295", 7.50mm Width)                                                                |
| OUTPUT CONFIGURATION             | Half Bridge (2)                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 175°C (TJ)                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                       |
| LOAD TYPE                        | Inductive                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| INTERFACE                        | Logic                                                                                               |
| FEATURES                         | -                                                                                                   |
| FAULT PROTECTION                 | Over Temperature                                                                                    |
| DETAILED DESCRIPTION             | Half Bridge (2) Driver DC Motors, General Purpose Power MOSFET PowerSSO-36                          |
| CURRENT - PEAK OUTPUT            | -                                                                                                   |
| CURRENT - OUTPUT / CHANNEL       | 40A                                                                                                 |
| BASE PART NUMBER                 | VNH7013                                                                                             |
| APPLICATIONS                     | DC Motors, General Purpose                                                                          |

Related Tags

|                                |                                |                                    |
|--------------------------------|--------------------------------|------------------------------------|
| STMicroelectronics VNH7013XP-E | VNH7013XP-E Distributor        | VNH7013XP-E Supplier               |
| VNH7013XP-E Price              | VNH7013XP-E Pictures           | VNH7013XP-E Image                  |
| VNH7013XP-E PDF Datasheet      | VNH7013XP-E Download Datasheet | VNH7013XP-E Datasheet              |
| VNH7013XP-E Stock              | Buy VNH7013XP-E                | Buy STMicroelectronics VNH7013XP-E |
| STMicroelectronics VNH7013XP-E | STMicroelectronics Supplier    | STMicroelectronics Distributor     |
| STMicroelectronics VNH7013XP-E |                                |                                    |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>VNH5050ATR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 36POWERSSO<br/>In stock: Out stock<br/><div>RFQ</div></div>           |  <div><b>VNH7100ASTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DVR H-BRIDGE 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>                  |
|  <div><b>VNH7070BASTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: SO 16 .15 TO JEDEC MS-012<br/>In stock: Out stock<br/><div>RFQ</div></div>                |  life.augmented <div><b>VNH5200ASTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DVR H-BRIDGE 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  life.augmented <div><b>VNH7040AYTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: PSSO36L TRIPLE PAD<br/>In stock: Out stock<br/><div>RFQ</div></div>         |  <div><b>VNH5050A-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 36POWERSSO<br/>In stock: Out stock<br/><div>RFQ</div></div>                 |
|  <div><b>VNH7070ASTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DVR H-BRIDGE 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>              |  <div><b>VNH5180ATR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 36POWERSSO<br/>In stock: Out stock<br/><div>RFQ</div></div>               |
|  <div><b>VNH5180A-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 36POWERSSO<br/>In stock: Out stock<br/><div>RFQ</div></div>             |  <div><b>VNH5019ATR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 30MULTIPWRSO<br/>In stock: Out stock<br/><div>RFQ</div></div>             |
|  life.augmented <div><b>VNH7100BASTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: SO 16 .15 TO JEDEC MS-012<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>VNH7013XPTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 36POWERSSO<br/>In stock: Out stock<br/><div>RFQ</div></div>              |