



VN5E010AHTR-E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | VN5E010AHTR-E                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC HIGH SIDE DRIVER 6-HPAK                                                                                   |
| Datasheets:         |  VN5E010AHTR-E.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 37539 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of VN5E010AHTR-E

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VN5E010AHTR-E                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                    |
| DESCRIPTION                      | IC HIGH SIDE DRIVER 6-HPAK                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 37539 pcs                                                                                             |
| DATA SHEET                       |  VN5E010AHTR-E.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                          |
| VOLTAGE - LOAD                   | 4.5 V ~ 28 V                                                                                          |
| SWITCH TYPE                      | General Purpose                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 6-HPAK                                                                                                |
| SERIES                           | VIPower™                                                                                              |
| RDS ON (TYP)                     | 10 mOhm                                                                                               |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                   |
| PACKAGING                        | Cut Tape (CT)                                                                                         |
| PACKAGE / CASE                   | TO-252-7, DPak (6 Leads + Tab)                                                                        |
| OUTPUT TYPE                      | N-Channel                                                                                             |
| OUTPUT CONFIGURATION             | High Side                                                                                             |
| OTHER NAMES                      | 497-10505-1                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                    |
| NUMBER OF OUTPUTS                | 1                                                                                                     |
| 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)           | 60A                                                                                                   |
| BASE PART NUMBER                 | VN5E010                                                                                               |

Related Tags

|                                  |                                  |                                      |
|----------------------------------|----------------------------------|--------------------------------------|
| STMicroelectronics VN5E010AHTR-E | VN5E010AHTR-E Distributor        | VN5E010AHTR-E Supplier               |
| VN5E010AHTR-E Price              | VN5E010AHTR-E Pictures           | VN5E010AHTR-E Image                  |
| VN5E010AHTR-E PDF Datasheet      | VN5E010AHTR-E Download Datasheet | VN5E010AHTR-E Datasheet              |
| VN5E010AHTR-E Stock              | Buy VN5E010AHTR-E                | Buy STMicroelectronics VN5E010AHTR-E |
| STMicroelectronics VN5E010AHTR-E | STMicroelectronics Supplier      | STMicroelectronics Distributor       |
| STMicroelectronics VN5E010AHTR-E |                                  |                                      |

Related Products

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>VN5E010MHTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR SWITCH HI SIDE SGL HPAK-6<br/>In stock: 72544 pcs<br/><b>RFQ</b></div>  |  <div><b>VN5E010MH-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR SWITCH HI SIDE SGL HPAK-6<br/>In stock: 66713 pcs<br/><b>RFQ</b></div>  |
|  <div><b>VN5E016AHTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR SWITCH HI SIDE SGL HPAK-6<br/>In stock: 68696 pcs<br/><b>RFQ</b></div>  |  <div><b>VN5E006ASPTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH SIDE 1CH POWERSO10<br/>In stock: 38030 pcs<br/><b>RFQ</b></div> |
|  <div><b>VN5E016AFHTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR SWITCH HI SIDE SGL HPAK-6<br/>In stock: 91593 pcs<br/><b>RFQ</b></div> |  <div><b>VN5E010AH-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR SWITCH HI SIDE SGL HPAK-6<br/>In stock: 78097 pcs<br/><b>RFQ</b></div>  |
|  <div><b>VN5770AKTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 28SO<br/>In stock: 42910 pcs<br/><b>RFQ</b></div>           |  <div><b>VN5E016MH-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR SWITCH HI SIDE SGL HPAK-6<br/>In stock: 78996 pcs<br/><b>RFQ</b></div>  |
|  <div><b>VN5772AKTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 28SO<br/>In stock: 37039 pcs<br/><b>RFQ</b></div>           |  <div><b>VN5770AKPTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 28SO<br/>In stock: 53432 pcs<br/><b>RFQ</b></div>        |
|  <div><b>VN5772AK-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER PAR 28SO<br/>In stock: 37396 pcs<br/><b>RFQ</b></div>             |  <div><b>VN5E016AH-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR SWITCH HI SIDE SGL HPAK-6<br/>In stock: 78262 pcs<br/><b>RFQ</b></div>  |