



VN7140ASTR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | VN7140ASTR                                                                                                   |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC DVR HIGH-SIDE 1CH 8SOIC                                                                                   |
| Datasheets:         |  VN7140ASTR.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 63440 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of VN7140ASTR

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VN7140ASTR                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                 |
| DESCRIPTION                      | IC DVR HIGH-SIDE 1CH 8SOIC                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 63440 pcs                                                                                          |
| DATA SHEET                       |  VN7140ASTR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                       |
| VOLTAGE - LOAD                   | 4 V ~ 28 V                                                                                         |
| SWITCH TYPE                      | General Purpose                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 8-SO                                                                                               |
| SERIES                           | VIPower™                                                                                           |
| RDS ON (TYP)                     | 140 mOhm                                                                                           |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                |
| PACKAGING                        | Original-Reel®                                                                                     |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                      |
| OUTPUT TYPE                      | N-Channel                                                                                          |
| OUTPUT CONFIGURATION             | High Side                                                                                          |
| OTHER NAMES                      | 497-15994-6                                                                                        |
| 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, Status Flag                                                                          |
| FAULT PROTECTION                 | Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, UVLO                   |
| CURRENT - OUTPUT (MAX)           | 8A                                                                                                 |

Related Tags

|                               |                               |                                   |
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| STMicroelectronics VN7140ASTR | VN7140ASTR Distributor        | VN7140ASTR Supplier               |
| VN7140ASTR Price              | VN7140ASTR Pictures           | VN7140ASTR Image                  |
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Related Products

|                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>VN7140AJTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH-SIDE 1CH POWERSSO-16<br/>In stock: 59865 pcs<br/>RFQ</div> |  <div><b>VN750-B513TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGHSIDE 6A P2PAK-4<br/>In stock: 79342 pcs<br/>RFQ</div>  |
|  <div><b>VN7140ASTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH-SIDE 1CH 8SOIC<br/>In stock: 75769 pcs<br/>RFQ</div>       |  <div><b>VN7140AJTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH-SIDE 1CH POWERSSO-16<br/>In stock: 57483 pcs<br/>RFQ</div> |
|  <div><b>VN750-B5</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI SIDE 6A P2-PAK<br/>In stock: 63521 pcs<br/>RFQ</div>          |  <div><b>VN7140AS-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH-SIDE 1CH 8SOIC<br/>In stock: 167990 pcs<br/>RFQ</div>      |
|  <div><b>VN7140AS12TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUDIO &amp; BODY<br/>In stock: 135405 pcs<br/>RFQ</div>                |  <div><b>VN750-12-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGH SIDE PENTAWATT-5<br/>In stock: 73248 pcs<br/>RFQ</div>  |
|  <div><b>VN750(012Y)</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGHSIDE 6A PENTAWATT<br/>In stock: 59823 pcs<br/>RFQ</div>   |  <div><b>VN7050ASTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH-SIDE 1CH 8SOIC<br/>In stock: 122737 pcs<br/>RFQ</div>    |
|  <div><b>VN7140AJ-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH-SIDE 1CH POWERSSO-16<br/>In stock: 135927 pcs<br/>RFQ</div>  |  <div><b>VN750</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI SIDE 6A PENTAWATT<br/>In stock: 62102 pcs<br/>RFQ</div>        |