



VND5E012AYTR-E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | VND5E012AYTR-E                                                                                               |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC DUAL HIGH SIDE DVR PWRSSO-36                                                                              |
| Datasheets:         |  VND5E012AYTR-E.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 35321 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of VND5E012AYTR-E

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VND5E012AYTR-E                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                     |
| DESCRIPTION                      | IC DUAL HIGH SIDE DVR PWRSSO-36                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 35321 pcs                                                                                              |
| DATA SHEET                       |  VND5E012AYTR-E.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                           |
| VOLTAGE - LOAD                   | 4.5 V ~ 28 V                                                                                           |
| SWITCH TYPE                      | General Purpose                                                                                        |
| SUPPLIER DEVICE PACKAGE          | PowerSSO-36                                                                                            |
| SERIES                           | Automotive, AEC-Q100, VIPOWER™                                                                         |
| RDS ON (TYP)                     | 11 mOhm                                                                                                |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                                       |
| PACKAGE / CASE                   | PowerSSO-36 Exposed Bottom Pad                                                                         |
| OUTPUT TYPE                      | N-Channel                                                                                              |
| OUTPUT CONFIGURATION             | High Side                                                                                              |
| OTHER NAMES                      | 497-10504-2<br>VND5E012AYTRE                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                     |
| NUMBER OF OUTPUTS                | 2                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| INTERFACE                        | On/Off                                                                                                 |
| INPUT TYPE                       | Non-Inverting                                                                                          |
| FEATURES                         | Auto Restart                                                                                           |
| FAULT PROTECTION                 | Current Limiting (Fixed), Over Temperature, Over Voltage                                               |
| CURRENT - OUTPUT (MAX)           | 52A                                                                                                    |
| BASE PART NUMBER                 | VND5E012                                                                                               |

Related Tags

|                                   |                                   |                                       |
|-----------------------------------|-----------------------------------|---------------------------------------|
| STMicroelectronics VND5E012AYTR-E | VND5E012AYTR-E Distributor        | VND5E012AYTR-E Supplier               |
| VND5E012AYTR-E Price              | VND5E012AYTR-E Pictures           | VND5E012AYTR-E Image                  |
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| STMicroelectronics VND5E012AYTR-E |                                   |                                       |

Related Products

|                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>VND5E008AY-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGH SIDE 2CH PWRSSO36<br/>In stock: 29963 pcs<br/>RFQ</div>   |  <div><b>VND5E012MY-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR SW HI SIDE 2CH POWERSSO36<br/>In stock: 32594 pcs<br/>RFQ</div>   |
|  <div><b>VND5E025AY-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGH SIDE 2CH PWRSSO36<br/>In stock: 53222 pcs<br/>RFQ</div>   |  <div><b>VND5E008AYTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGH SIDE 2CH PWRSSO36<br/>In stock: 26018 pcs<br/>RFQ</div> |
|  <div><b>VND5E012AY-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR SW HI SIDE 2CH POWERSSO36<br/>In stock: 30598 pcs<br/>RFQ</div>   |  <div><b>VND5E012MYTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR SW HI SIDE 2CH POWERSSO36<br/>In stock: 33625 pcs<br/>RFQ</div> |
|  <div><b>VND5E025ASTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGH SIDE 2CH 16SOIC<br/>In stock: 60255 pcs<br/>RFQ</div>   |  <div><b>VND5E025AK-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SW M0-5 2CH 60A ANLG PWRSSO24<br/>In stock: 56391 pcs<br/>RFQ</div>   |
|  <div><b>VND5E008MYTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGH SIDE 2CH PWRSSO36<br/>In stock: 26241 pcs<br/>RFQ</div> |  <div><b>VND5E008ASP-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH-SIDE 2CH POWERSO16<br/>In stock: 26054 pcs<br/>RFQ</div>    |
|  <div><b>VND5E008ASPTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DVR HIGH-SIDE 2CH POWERSO16<br/>In stock: 22261 pcs<br/>RFQ</div>  |  <div><b>VND5E025AKTR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SW M0-5 2CH 60A ANLG PWRSSO24<br/>In stock: 51413 pcs<br/>RFQ</div> |