



**International Rectifier (Infineon Technologies)**



ITS4142NHUMA1

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ITS4142NHUMA1                                                                                                       |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                                     |
| Product description | IC SWITCH HISIDE SMART SOT223-4                                                                                     |
| Datasheets:         |  <a href="#">ITS4142NHUMA1.pdf</a> |
| RoHS Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 111723 pcs stock                                                                                                    |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

Specifications of ITS4142NHUMA1

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ITS4142NHUMA1                                                                                                         |
| MANUFACTURER                     | International Rectifier (Infineon Technologies)                                                                       |
| DESCRIPTION                      | IC SWITCH HISIDE SMART SOT223-4                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 111723 pcs                                                                                                            |
| DATA SHEET                       |  <a href="#">ITS4142NHUMA1.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                                          |
| VOLTAGE - LOAD                   | 12 V ~ 45 V                                                                                                           |
| SWITCH TYPE                      | General Purpose                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | PG-SOT223-4                                                                                                           |
| SERIES                           | miniPROFET®                                                                                                           |
| RDS ON (TYP)                     | 150 mOhm                                                                                                              |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                   | TO-261-4, TO-261AA                                                                                                    |
| OUTPUT TYPE                      | N-Channel                                                                                                             |
| OUTPUT CONFIGURATION             | High Side                                                                                                             |
| OTHER NAMES                      | ITS4142N<br>ITS4142N-ND<br>ITS4142NHUMA1TR<br>ITS4142NTR<br>ITS4142NTR-ND<br>SP000221218                              |
| OPERATING TEMPERATURE            | -30°C ~ 85°C (TA)                                                                                                     |
| 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), Over Temperature, Over Voltage                                                              |
| CURRENT - OUTPUT (MAX)           | 1.4A                                                                                                                  |
| BASE PART NUMBER                 | ITS4142                                                                                                               |

Related Tags

|                                                               |                                                          |                                                                   |
|---------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------|
| International Rectifier (Infineon Technologies) ITS4142NHUMA1 | ITS4142NHUMA1 Distributor                                | ITS4142NHUMA1 Supplier                                            |
| ITS4142NHUMA1 Price                                           | ITS4142NHUMA1 Pictures                                   | ITS4142NHUMA1 Image                                               |
| ITS4142NHUMA1 PDF Datasheet                                   | ITS4142NHUMA1 Download Datasheet                         | ITS4142NHUMA1 Datasheet                                           |
| ITS4142NHUMA1 Stock                                           | Buy ITS4142NHUMA1                                        | Buy International Rectifier (Infineon Technologies) ITS4142NHUMA1 |
| International Rectifier (Infineon Technologies) ITS4142NHUMA1 | International Rectifier (Infineon Technologies) Supplier | International Rectifier (Infineon Technologies) Distributor       |
| International Rectifier (Infineon Technologies) ITS4142NHUMA1 | International Rectifier ITS4142NHUMA1                    | Infineon Technologies ITS4142NHUMA1                               |
| International Rectifier (Infineon Technologies) ITS4142NHUMA1 | IR (Infineon Technologies) ITS4142NHUMA1                 |                                                                   |

Related Products

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|  <div><b>ITS4141DBUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC SWITCH HISIDE SMART TO252-5<br/>In stock: 123626 pcs</div> <div>RFQ</div>     |  <div><b>ITS4140NHUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC SWITCH HISIDE SMART SOT223-4<br/>In stock: 90697 pcs</div> <div>RFQ</div>     |
|  <div><b>ITS4200SMEPHUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC SWITCH HISIDE SMART SOT223-4<br/>In stock: 55103 pcs</div> <div>RFQ</div>  |  <div><b>ITS410E2E3043HKSA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC SWITCH HISIDE SMART TO220-5<br/>In stock: 3899 pcs</div> <div>RFQ</div>  |
|  <div><b>ITS4200SSJDXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC SWITCH HISIDE SMART 8DSO<br/>In stock: 69083 pcs</div> <div>RFQ</div>      |  <div><b>ITS4100SSJNXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC SWITCH HISIDE SMART 8DSO<br/>In stock: 151918 pcs</div> <div>RFQ</div>     |
|  <div><b>ITS42008SBDAUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC SWITCH PWR HISIDE 8CH 36DSO<br/>In stock: 22720 pcs</div> <div>RFQ</div>   |  <div><b>ITS4200SMEOHUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC SWITCH HISIDE SMART SOT223-4<br/>In stock: 152929 pcs</div> <div>RFQ</div> |
|  <div><b>ITS41K0SMENHUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC SMART SWITCH HS NMOS SOT-223<br/>In stock: 224839 pcs</div> <div>RFQ</div> |  <div><b>ITS410E2HKSA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC SWITCH HISIDE SMART TO220-5<br/>In stock: 3028 pcs</div> <div>RFQ</div>       |
|  <div><b>ITS4141NHUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC SWITCH HISIDE SMART SOT223-4<br/>In stock: 54719 pcs</div> <div>RFQ</div>     |  <div><b>ITS4200SMENHUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC SWITCH HISIDE SMART SOT223-4<br/>In stock: 129375 pcs</div> <div>RFQ</div> |

