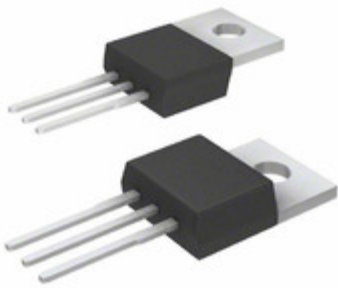


BTS141



Images are for reference only.  
See Product Specifications for product details.  
**Buy BTS141 with confidence from Component-World.HK, 1 Year Warranty**



**Part Number:** [BTS141](#)

**Manufacturer:** [International Rectifier \(Infineon Technologies\)](#)

**Description:** MOSFET N-CH 60V 12A TO-220

**Data sheet:**  [BTS141](#)

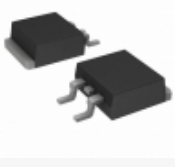
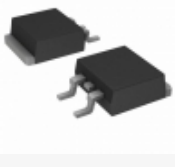
**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |                                  |                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------|-----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | BTS141                                                   | Manufacturer                     | <a href="#">International Rectifier (Infineon Technologies)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MOSFET N-CH 60V 12A TO-220                               | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5241 pcs                                                 | Data sheet                       | <a href="#">BTS141</a>                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                | Voltage - Supply (Vcc/Vdd)       | Not Required                                                    |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60V (Max)                                                | Switch Type                      | General Purpose                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PG-TO220-3                                               | Series                           | HITFET®                                                         |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 25 mOhm                                                  | Ratio - Input:Output             | 1:1                                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tube                                                     | Package / Case                   | TO-220-3                                                        |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | N-Channel                                                | Output Configuration             | Low Side                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | BTS141IN<br>BTS141NK<br>BTS141NKSA1<br>SP000011218       | Operating Temperature            | -40°C ~ 150°C (TJ)                                              |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Contains lead / RoHS non-compliant                       | Interface                        | On/Off                                                          |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Non-Inverting                                            | Features                         | -                                                               |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Current Limiting (Fixed), Over Temperature, Over Voltage | Current - Output (Max)           | 12A                                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BTS141                                                   |                                  |                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all International Rectifier (Infineon Technologies) series electronic components. We have 5241 pieces of International Rectifier (Infineon Technologies) BTS141 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                          |                                  |                                                                 |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                                                |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">BTS130A</a><br>Description: HEX STANDOFF #6-32 BRASS 7/8"             | Manufacturers: <a href="#">Essentra Components</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS140A</a><br>Description: HEX STANDOFF #6-32 BRASS 1-1/4"           | Manufacturers: <a href="#">Essentra Components</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS141BKSA1</a><br>Description: IC LOW SIDE PWR SWITCH TO220-3        | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS133 E3045A</a><br>Description: IC SWITCH SMART LOWSIDE TO220SMD    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS141E3064NKSA1</a><br>Description: IC SWITCH LOSIDE PWR N-CH TO-220 | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS134DNT</a><br>Description: IC PWR SWITCH 42V 3.5A TO252            | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS133BKSA1</a><br>Description: IC SWITCH LOSIDE PWR N-CH TO-220      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS134DATMA1</a><br>Description: IC PWR SWITCH 42V 3.5A TO252         | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS141TCBUMA1</a><br>Description: IC SWITCH SMART LOWSIDE TO263-3     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS149NKSA1</a><br>Description: IC LOW SIDE POWER SWITCH TO220-3      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS142DNT</a><br>Description: IC PWR SWITCH 42V 4.6A TO252            | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS205A</a><br>Description: HEX STANDOFF #8-32 BRASS 1/4"             | Manufacturers: <a href="#">Essentra Components</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS135A</a><br>Description: HEX STANDOFF #6-32 BRASS 1"               | Manufacturers: <a href="#">Essentra Components</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS142DAKSA1</a><br>Description: HITFET                               | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS145A</a><br>Description: HEX STANDOFF #6-32 BRASS 1-1/2"           | Manufacturers: <a href="#">Essentra Components</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS133TCBUMA1</a><br>Description: IC SWITCH SMART LOWSIDE TO263-3     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS141 E3045A</a><br>Description: IC SWITCH SMART LOWSIDE TO220SMT    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS133E3064NKSA1</a><br>Description: IC SWITCH LOSIDE PWR N-CH TO-220 | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS142DATMA1</a><br>Description: IC PWR SWITCH 42V 4.6A TO252         | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BTS133</a><br>Description: MOSFET N-CH 60V 7A TO-220                  | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |

Related keywords for **BTS141**

|                                                 |                                                 |                                                 |                                   |
|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-----------------------------------|
| International Rectifier (Infineon Technologies) | BTS141 distributor                              | BTS141 supplier                                 | BTS141 price                      |
|                                                 | BTS141 download datasheet                       | BTS141 datasheet                                | BTS141 stock                      |
| BTS141                                          | International Rectifier (Infineon Technologies) | International Rectifier BTS141                  | Infineon Technologies BTS141      |
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