



International Rectifier (Infineon Technologies)

Technologies)



BTS4142NHUMA1

Part Number:	BTS4142NHUMA1
Manufacturer/Brand:	International Rectifier (Infineon Technologies)
Product description	IC HIGH SIDE PWR SWITCH SOT-223
Datasheets:	 BTS4142NHUMA1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	43645 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of BTS4142NHUMA1

PART NUMBER	BTS4142NHUMA1
MANUFACTURER	International Rectifier (Infineon Technologies)
DESCRIPTION	IC HIGH SIDE PWR SWITCH SOT-223
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	43645 pcs
DATA SHEET	 BTS4142NHUMA1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	Not Required
VOLTAGE - LOAD	12 V ~ 45 V
SWITCH TYPE	General Purpose
SUPPLIER DEVICE PACKAGE	PG-SOT223-4
SERIES	-
RDS ON (TYP)	150 mOhm
RATIO - INPUT:OUTPUT	1:1
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	TO-261-4, TO-261AA
OUTPUT TYPE	N-Channel
OUTPUT CONFIGURATION	High Side
OTHER NAMES	BTS4142NCT BTS4142NCT-ND BTS4142NHUMA1CT
OPERATING TEMPERATURE	-40°C ~ 125°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), Over Temperature, Over Voltage
CURRENT - OUTPUT (MAX)	1.4A
BASE PART NUMBER	BTS4142

Related Tags

International Rectifier (Infineon Technologies) BTS4142NHUMA1	BTS4142NHUMA1 Distributor	BTS4142NHUMA1 Supplier
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Related Products

 BTS4130QGAXUMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC SWITCH PWR HISIDE DSO-20 In stock: 27005 pcs RFQ	 BTS4175SGAXUMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC SWITCH PWR HISIDE 8DSO In stock: 158212 pcs RFQ
 BTS4141NNT Manufacturers: International Rectifier (Infineon Technologies) Description: IC PWR SWITCH HISIDE SOT223-4 In stock: 6985 pcs RFQ	 BTS41K0SMENHUMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC SMART SWITCH MINI-PRO SOT-223 In stock: 181940 pcs RFQ
 BTS426L1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC HIGH SIDE PWR SWITCH TO220-5 In stock: 4946 pcs RFQ	 BTS426L1 E3043 Manufacturers: International Rectifier (Infineon Technologies) Description: IC HIGH SIDE PWR SWITCH TO220-5 In stock: 5296 pcs RFQ
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