

BTS4142NHUMA1



Part Number: [BTS4142NHUMA1](#)

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

Description: IC HIGH SIDE PWR SWITCH SOT-223

Data sheet:  [BTS4142N](#)

RoHs Status: Lead free / RoHS Compliant

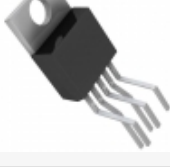
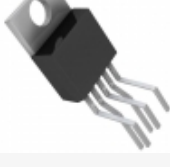
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PRODUCT PARAMETER			
Part Number	BTS4142NHUMA1	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC HIGH SIDE PWR SWITCH SOT-223	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	71587 pcs	Data sheet	BTS4142N
Category	Integrated Circuits (ICs)	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		
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	Part#: BTS4142NNT Description: IC PWR SWITCH HISIDE SOT223-4	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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