



International Rectifier (Infineon Technologies)

Technologies)



BTS4142NNT

Part Number:	BTS4142NNT
Manufacturer/Brand:	International Rectifier (Infineon Technologies)
Product description	IC PWR SWITCH HISIDE SOT223-4
Datasheets:	 BTS4142NNT.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6188 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of BTS4142NNT

PART NUMBER	BTS4142NNT
MANUFACTURER	International Rectifier (Infineon Technologies)
DESCRIPTION	IC PWR SWITCH HISIDE SOT223-4
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6188 pcs
DATA SHEET	 BTS4142NNT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	Not Required
VOLTAGE - LOAD	12 V ~ 45 V
SWITCH TYPE	General Purpose
SUPPLIER DEVICE PACKAGE	PG-SOT223
SERIES	-
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	SP000013945
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

Related Tags

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Related Products

 BTS4141NHUMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC SWITCH PWR HISIDE SOT223-4 In stock: 108726 pcs RFQ	 BTS4175SGAXUMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC SWITCH PWR HISIDE 8DSO In stock: 158212 pcs RFQ
 BTS4140NNT Manufacturers: International Rectifier (Infineon Technologies) Description: IC PWR SWITCH 62V HISID SOT223-4 In stock: 5677 pcs RFQ	 BTS4141NNT Manufacturers: International Rectifier (Infineon Technologies) Description: IC PWR SWITCH HISIDE SOT223-4 In stock: 6985 pcs RFQ
 BTS4141D Manufacturers: International Rectifier (Infineon Technologies) Description: IC HIGH SIDE PWR SWITCH DPAK-5 In stock: 5862 pcs RFQ	 BTS426L1 E3043 Manufacturers: International Rectifier (Infineon Technologies) Description: IC HIGH SIDE PWR SWITCH TO220-5 In stock: 5296 pcs RFQ
 BTS426L1 E3062A Manufacturers: International Rectifier (Infineon Technologies) Description: IC HIGH SIDE PWR SWITCH TO220-5 In stock: 3642 pcs RFQ	 BTS41K0SMENHUMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC SMART SWITCH MINI-PRO SOT-223 In stock: 181940 pcs RFQ
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