

BTS6142DAUMA1



Part Number: [BTS6142DAUMA1](#)

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

Description: IC HIGH SIDE PWR SWITCH DPAK-5

Data sheet:  [BTS6142D](#)

RoHs Status: Contains lead / RoHS non-compliant

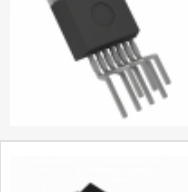
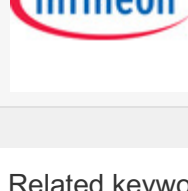
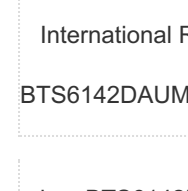
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PRODUCT PARAMETER			
Part Number	BTS6142DAUMA1	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC HIGH SIDE PWR SWITCH DPAK-5	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	82783 pcs	Data sheet	BTS6142D
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Not Required
Voltage - Load	5.5 V ~ 38 V	Switch Type	General Purpose
Supplier Device Package	PG-TO252-5-11	Series	PROFET®
Rds On (Typ)	10 mOhm	Ratio - Input:Output	1:1
Packaging	Tape & Reel (TR)	Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Output Type	N-Channel	Output Configuration	High Side
Other Names	BTS6142D BTS6142D-ND BTS6142DAUMA1TR BTS6142DT BTS6142DTR-ND BTS6142DXT SP000264200	Operating Temperature	-40°C ~ 150°C (TJ)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Interface	On/Off
Input Type	Non-Inverting	Features	Auto Restart
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current - Output (Max)	33A
Base Part Number	BTS6142		
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	Part#: BTS612N1 E3128A Description: IC HISIDE PWR SWITCH 2CH TO220-7	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS6142DNT Description: IC HIGH SIDE PWR SWITCH DPAK-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS621L1 E3128A Description: IC SW PWR HISIDE TO-220AB/7 SMD	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS611L1E3230 Description: SWITCH DUAL CHAN PWR TO-220AB7	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: BTS6144B Description: IC SWITCH PWR HISIDE TO220-7 SMD	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS611L1 E3128A Description: IC SW PWR HISIDE 2CH TO-220AB/7	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS6133DAUMA1 Description: IC HIGH SIDE PWR SWITCH DPAK-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS6123P Description: IC HIGH SIDE PWR SWITCH TO220-7	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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