

BTS142DATMA1



Part Number: [BTS142DATMA1](#)

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

Description IC PWR SWITCH 42V 4.6A TO252

Data sheet:  [BTS142D](#)

RoHs Status: Lead free / RoHS Compliant

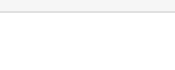
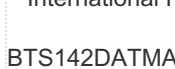
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Request For Quotation

PRODUCT PARAMETER			
Part Number	BTS142DATMA1	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC PWR SWITCH 42V 4.6A TO252	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	74179 pcs	Data sheet	BTS142D
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Not Required
Voltage - Load	42V (Max)	Switch Type	General Purpose
Supplier Device Package	PG-TO252-3	Series	HITFET®
Rds On (Typ)	23 mOhm	Ratio - Input:Output	1:1
Packaging	Cut Tape (CT)	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Output Type	N-Channel	Output Configuration	Low Side
Other Names	BTS142DATMA1CT BTS142DCT BTS142DCT-ND	Operating Temperature	-40°C ~ 150°C (TJ)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
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)	4.6A
Base Part Number	BTS142		
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	Description: HEX STANDOFF #6-32 BRASS 1-1/2"		
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	Part#: BTS141	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Description: IC PWR SWITCH 42V 4.6A TO252		
	Part#: BTS141 E3045A	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Description: IC SWITCH SMART LOWSIDE TO220SMT		
	Part#: BTS134DATMA1	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Description: IC PWR SWITCH 42V 3.5A TO252		
	Part#: BTS235A	Manufacturers: Essentra Components	RFQ
	Description: HEX STANDOFF #8-32 BRASS 1"		
	Part#: BTS141BKSA1	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Description: IC LOW SIDE PWR SWITCH TO220-3		
	Part#: BTS215A	Manufacturers: Essentra Components	RFQ
	Description: HEX STANDOFF #8-32 BRASS 1/2"		

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