

BTS3142DATMA1



Part Number: [BTS3142DATMA1](#)

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

Description: IC SWITCH N-CH LOW SIDE DPAK

Data sheet:  [BTS3142D](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	BTS3142DATMA1	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC SWITCH N-CH LOW SIDE DPAK	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	59845 pcs	Data sheet	BTS3142D
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	Tape & Reel (TR)	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Output Type	N-Channel	Output Configuration	Low Side
Other Names	BTS3142D BTS3142D-ND BTS3142DATMA1TR BTS3142DT BTS3142DTR BTS3142DTR-ND BTS3142DXT PR000338178 SP000307117 SP000506218	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	-
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage	Current - Output (Max)	4.6A
Base Part Number	BTS3142		
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all International Rectifier (Infineon Technologies) series electronic components. We have 59845 pieces of International Rectifier (Infineon Technologies) BTS3142DATMA1 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours. RFQ Email: info@Components-World.com			

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	Part#: BTS3125EJXUMA1 Description: IC LOW SIDE PWR SWITCH TDSO-8	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS3134DATMA1 Description: IC SWITCH N-CH LOW SIDE DPAK	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS3142DNT Description: IC PWR SWITCH LOW SIDE DPAK	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: BTS3205GXUMA1 Description: IC SWITCH PWR LOSIDE 8DSO	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS3256DAUMA1 Description: IC SWITCH SMART LOWSIDE TO252-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS3134NHUMA1 Description: IC SWITCH N-CH LOW SIDE SOT223-4	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS31408G Description: IC SWITCH LOW SIDE DUAL 8DSO	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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