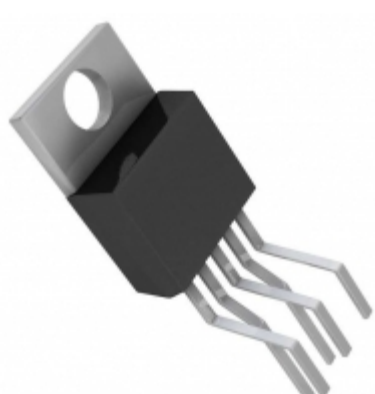


BTS442E2 E3043



Part Number: [BTS442E2 E3043](#)

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

Description: IC HIGH SIDE PWR SWITCH TO220-5

Data sheet:  [BTS 442 E2](#)

RoHs Status: Contains lead / RoHS non-compliant

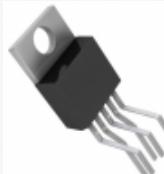
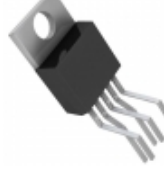
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
Buy **BTS442E2 E3043** with confidence from
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Request For Quotation

PRODUCT PARAMETER			
Part Number	BTS442E2 E3043	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC HIGH SIDE PWR SWITCH TO220-5	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5012 pcs	Data sheet	BTS 442 E2
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Not Required
Voltage - Load	4.5 V ~ 42 V	Switch Type	General Purpose
Supplier Device Package	PG-TO220-5-11	Series	PROFET®
Rds On (Typ)	15 mOhm	Ratio - Input:Output	1:1
Packaging	Tube	Package / Case	TO-220-5 Formed Leads
Output Type	N-Channel	Output Configuration	High Side
Other Names	BTS442E2 E3043-ND BTS442E2E3043 BTS442E2E3043NK SP000011261	Operating Temperature	-40°C ~ 150°C (TJ)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Interface	On/Off
Input Type	Non-Inverting	Features	Auto Restart, Status Flag
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current - Output (Max)	17A
Base Part Number	BTS442E2		
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	Part#: BTS442E2E3062ABUMA1 Description: IC HIGH SIDE PWR SWITCH TO263-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS441TGNTMA1 Description: IC HIGH SIDE PWR SWITCH D2PAK-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS436L2S Description: IC HIGH SIDE PWR SWITCH TO220-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS443PAUMA1 Description: SWITCH HIGH SIDE POWER TO252-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS436L2G Description: IC HIGH SIDE PWR SWITCH D2PAK-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS442E2NKSA1 Description: IC PWR SWITCH HIGH SIDE TO220AB-	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS452RNT Description: IC PWR SWITCH 62V HISIDE TO252-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS442E2E3062ANTMA1 Description: IC PWR SWITCH HIGH SIDE TO263-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS442E2BKSA1 Description: SWITCH HIGH SIDE POWER TO220AB-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS441TGATMA1 Description: IC HIGH SIDE PWR SWITCH D2PAK-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: BTS441RGATMA1 Description: IC HIGH SIDE PWR SWITCH D2PAK-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: BTS452RXT Description: IC PWR SWITCH 62V HISIDE TO252-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ

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