

BTS442E2E3062ABUMA1



Part Number: [BTS442E2E3062ABUMA1](#)

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

Description: IC HIGH SIDE PWR SWITCH TO263-5

Data sheet:  [BTS442E2](#)

RoHs Status: Lead free / RoHS Compliant

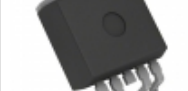
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PRODUCT PARAMETER			
Part Number	BTS442E2E3062ABUMA1	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC HIGH SIDE PWR SWITCH TO263-5	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	29481 pcs	Data sheet	BTS442E2
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-TO263-5-2	Series	Automotive, PROFET®
Rds On (Typ)	15 mOhm	Ratio - Input:Output	1:1
Packaging	Tape & Reel (TR)	Package / Case	TO-263-5, D*Pak (4 Leads + Tab), TO-263BB
Output Type	N-Channel	Output Configuration	High Side
Other Names	BTS442E2 E3062A BTS442E2 E3062A-ND BTS442E2 E3062ATR BTS442E2 E3062ATR-ND BTS442E2E3062A BTS442E2E3062ABUMA1TR BTS442E2E3062ANT BTS442E2E3062AT SP000663460	Operating Temperature	-40°C ~ 150°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, 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#: BTS441TGATMA1 Description: IC HIGH SIDE PWR SWITCH D2PAK-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: BTS452TATMA1 Description: IC SWITCH PWR HISIDE TO252-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: BTS442E2BKSA1 Description: SWITCH HIGH SIDE POWER TO220AB-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS442E2 E3043 Description: IC HIGH SIDE PWR SWITCH TO220-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: BTS442E2NKSA1 Description: IC PWR SWITCH HIGH SIDE TO220AB-	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS452RXT Description: IC PWR SWITCH 62V HISIDE TO252-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ

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RoHS

