




International Rectifier (Infineon Technologies)

### BTS442E2BKSA1

Part Number:	BTS442E2BKSA1
Manufacturer/Brand:	International Rectifier (Infineon Technologies)
Product description:	SWITCH HIGH SIDE POWER TO220AB-5
Datasheets:	<a href="#">PDF</a> <a href="#">BTS442E2BKSA1.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**Technologies)**

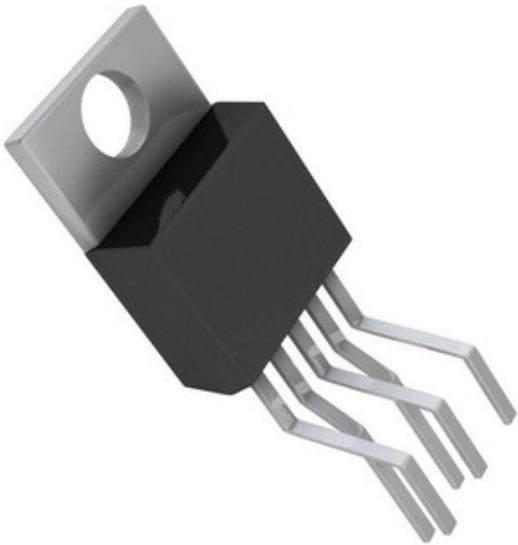


Image may be representation. See specifications for product details.

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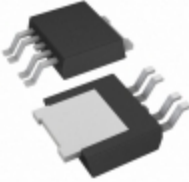









#### Specifications of BTS442E2BKSA1

PART NUMBER	BTS442E2BKSA1
MANUFACTURER	International Rectifier (Infineon Technologies)
DESCRIPTION	SWITCH HIGH SIDE POWER TO220AB-5
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF</a> <a href="#">BTS442E2BKSA1.pdf</a>
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 BTS442E2IN BTS442E2IN-ND BTS442E2NK SP000711526
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, Status Flag
FAULT PROTECTION	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
CURRENT - OUTPUT (MAX)	17A
BASE PART NUMBER	BTS442E2

#### Related Tags

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International Rectifier (Infineon Technologies) BTS442E2BKSA1	IR (Infineon Technologies) BTS442E2BKSA1	

#### Related Products

 <p><b>BTS443PNT</b> Manufacturers: International Rectifier (Infineon Technologies) Description: SWITCH HIGH SIDE POWER TO252-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>BTS441TGATMA1</b> Manufacturers: International Rectifier (Infineon Technologies) Description: IC HIGH SIDE PWR SWITCH D2PAK-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>BTS443PAUMA1</b> Manufacturers: International Rectifier (Infineon Technologies) Description: SWITCH HIGH SIDE POWER TO252-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>BTS441TAKSA1</b> Manufacturers: International Rectifier (Infineon Technologies) Description: IC HIGH SIDE PWR SWITCH TO220-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>BTS441TGNTMA1</b> Manufacturers: International Rectifier (Infineon Technologies) Description: IC HIGH SIDE PWR SWITCH D2PAK-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>BTS442E2E3062ANTMA1</b> Manufacturers: International Rectifier (Infineon Technologies) Description: IC PWR SWITCH HIGH SIDE TO263-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>
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