

Image may be representation.
See specifications for product details.



BTT3018EJXUMA1

Manufacturer Part Number **BTT3018EJXUMA1**

Manufacturer **Infineon Technologies**

Allelco Part Number **32D-BTT3018EJXUMA1**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **BTT3018EJXUMA1**

Package **8-SOIC (0.154", 3.90mm Width) Exposed Pad**

Data sheet **[BTT3018EJ.pdf](#)**

RoHs Status **ROHS3 Compliant**

Get a Quote

BTT3018EJXUMA1 - Infineon Technologies.New Original in Stock. Download Linear Technology BTT3018EJXUMA1 datasheet/specifications on AllelcoElec.com.
Request a quote for BTT3018EJXUMA1, please send us email: info@allelco.com

Specifications

BTT3018EJXUMA1 Tech Specifications
BTT3018EJXUMA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Output Configuration	Low Side
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Load	6V ~ 36V	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PG-TDSO-8-31	Interface	On/Off
Series	Automotive, AEC Qualified	Input Type	Non-Inverting
Rds On (Typ)	16mOhm	Features	Slew Rate Controlled, Status Flag
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage, Short Circuit
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Current - Output (Max)	7A
Package	Tape & Reel (TR)	Base Product Number	BTT3018
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BTT3018EJXUMA1

Product Attribute				
Part Number	BTT3018EJXUMA1	BTT60101EKBXUMA1	BTT60302ERBXUMA1	BTT60302ERAXUMA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Features	Slew Rate Controlled, Status Flag	-	-	-
Series	Automotive, AEC Qualified	PROFET®	Automotive, AEC-Q100, PROFET®	Automotive, AEC-Q100, PROFET®
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Voltage - Load	6V ~ 36V	5V ~ 36V	5V ~ 36V	5V ~ 36V
Current - Output (Max)	7A	9A	4A	4A
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	Not Required	Not Required	Not Required
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Interface	On/Off	On/Off	On/Off	On/Off
Base Product Number	BTT3018	BTT6010	BTT6030	BTT6030
Number of Outputs	1	1	2	2
Ratio - Input:Output	1:1	1:1	1:1	1:1
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Rds On (Typ)	16mOhm	10mOhm	32mOhm	32mOhm
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	14-SOIC (0.154", 3.90mm Width) Exposed Pad	14-SOIC (0.154", 3.90mm Width) Exposed Pad	14-SOIC (0.154", 3.90mm Width) Exposed Pad
Supplier Device Package	PG-TDSO-8-31	PG-DSO-14-47-EP	PG-TDSO-14-31	PG-TDSO-14-31
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage, Short Circuit	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Configuration	Low Side	High Side	High Side	High Side

BTT3018EJXUMA1 Datasheet PDF

Download BTT3018EJXUMA1 pdf datasheets and Infineon Technologies documentation for BTT3018EJXUMA1 - Infineon Technologies.


Datasheets

[BTT3018EJ.pdf](#)

PCN Packaging

[Mult Dev Cover Tape Chg 13/Jul/2022.pdf](#)

Other Related Documents

 Orderable Part Number OPN Translation Table.pdf

PCN Assembly/Origin

 SMART6 HV Wafer Chgs 11/Mar/2021.pdf

Customers Also Interested in

Recommended Products



BTT3018EJ

Cypress Semiconductor
(Infineon Technologies)

BTT60101EKBXUMA1

Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 DSO-14

BTT6030-2EKA

Cypress Semiconductor
(Infineon Technologies)

BTT6030-1ERA

Cypress Semiconductor
(Infineon Technologies)

BTT6030-2EKB

Cypress Semiconductor
(Infineon Technologies)

BTT6010-1ERB

Cypress Semiconductor
(Infineon Technologies)



BTT3050EJ

Cypress Semiconductor
(Infineon Technologies)

BTT6050-1EKA

Cypress Semiconductor
(Infineon Technologies)

BTT60302ERBXUMA1

Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 TDSO-14

BTT6030-1EKA

Cypress Semiconductor
(Infineon Technologies)

BTT60302ERAXUMA1

Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 TDSO-14

BTT6020-1ERA

Cypress Semiconductor
(Infineon Technologies)



BTT6020-1EAR

Cypress Semiconductor
(Infineon Technologies)

BTT6010-1ERA

Cypress Semiconductor
(Infineon Technologies)

BTT6030-2EKBXUMA1

Infineon Technologies
DUAL HIGH-SIDE POWER SWITCH

BTT6020-1EKA

Cypress Semiconductor
(Infineon Technologies)

BTT6030-2ERA

Cypress Semiconductor
(Infineon Technologies)

BTT6030-2ERB

Cypress Semiconductor
(Infineon Technologies)

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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