



BTS4880R

Manufacturer Part Number	BTS4880R
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BTS4880R
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	BTS4880 - PROFET - SMART HIGH SI
Package	36-BSSOP (0.433", 11.00mm Width) Exposed Pad
Data sheet	BTS4880R.pdf



Get a Quote

BTS4880R - Infineon Technologies.New Original in Stock. Download Linear Technology BTS4880R datasheet/specifications on AllelcoElec.com.
Request a quote for BTS4880R, please send us email: info@allelco.com

Specifications

BTS4880R Tech Specifications
BTS4880R - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Output Configuration	High Side
Voltage - Supply (Vcc/Vdd)	Not Required	Operating Temperature	-40°C ~ 125°C
Voltage - Load	11V ~ 45V	Number of Outputs	8
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PG-DSO-36-12	Interface	Logic
Series	Automotive, AEC-Q100	Input Type	Non-Inverting
Rds On (Typ)	150mOhm	Features	-
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Package / Case	36-BSSOP (0.433", 11.00mm Width) Exposed Pad	Current - Output (Max)	625mA
Package	Bulk	Base Product Number	BTS4880
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BTS4880R

Product Attribute	NO PICTURE			
Part Number	BTS4880R	BTS443PAUMA1	BTSS00201TADATMA1	BTSS00151TADATMA2
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Ratio - Input:Output	1:1	1:1	1:1	1:1
Package	Bulk	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Load	11V ~ 45V	5V ~ 36V	8V ~ 18V	8V ~ 18V
Interface	Logic	On/Off	On/Off	On/Off
Base Product Number	BTS4880	BTS443	BTSS0020	BTSS0015
Output Configuration	High Side	High Side	High Side	High Side
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage	Over Temperature, Over Voltage, Reverse Battery, Short Circuit	Over Temperature, Over Voltage
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Rds On (Typ)	150mOhm	13mOhm	3mOhm	-
Number of Outputs	8	1	1	1
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Supplier Device Package	PG-DSO-36-12	PG-TO252-5-11	P/PG-TO-263-7-10	TO-263-7
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Package / Case	36-BSSOP (0.433", 11.00mm Width) Exposed Pad	TO-252-5, DPak (4 Leads + Tab), TO-252AD	TO-263-7, D ² Pak (6 Leads + Tab), TO-263CB	TO-263-7, D ² Pak (6 Leads + Tab)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Automotive, AEC-Q100	PROFET®	Automotive, AEC-Q100, Reversave™	Automotive, AEC-Q100
Current - Output (Max)	625mA	21A	29A	33A
Features	-	-	-	-

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Recommended Products



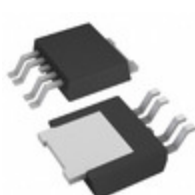
BTS50015-1TAD

Cypress Semiconductor
(Infineon Technologies)



BTS452T

Cypress Semiconductor
(Infineon Technologies)



BTS443PAUMA1

Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 TO252-5



BTS443P

Cypress Semiconductor
(Infineon Technologies)



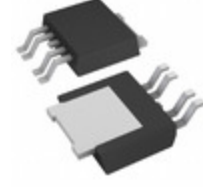
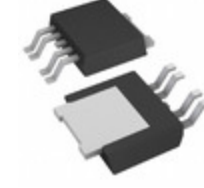
BTS462T

Cypress Semiconductor
(Infineon Technologies)



BTS452R

Cypress Semiconductor
(Infineon Technologies)

**BTS50025-1TAD**Cypress Semiconductor
(Infineon Technologies)**BTS50015-1TAD MOS**Cypress Semiconductor
(Infineon Technologies)**BTS4501D**Cypress Semiconductor
(Infineon Technologies)**BTS500201TADATMA1**Infineon Technologies
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IC PWR SWITCH N-CHAN 1:1 TO252-5**BTS50010-1TAD**Cypress Semiconductor
(Infineon Technologies)**BTS50015-1TAA**Cypress Semiconductor
(Infineon Technologies)**BTS500151TADATMA1**Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 TO263-7**BTS452RATMA1**Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 TO252-5**BTS452TATMA1**Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 TO252-5**BTS50020-1TAD**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.



Your Faithful Supply Chain Partner -

Efficient Supply
ManagementCost-Saving
ProcurementFast Sourcing &
Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com

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