

Image may be representation.
See specifications for product details.



BTS5230GS

Manufacturer Part Number	BTS5230GS
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BTS5230GS
ECAD Model	Request Free CAD Models
Parts Description	IC PWR SWITCH N-CHAN 1:1 PDSO-14
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	BTS5230GS.pdf

Get a Quote

BTS5230GS - Infineon Technologies.New Original in Stock. Download Linear Technology BTS5230GS datasheet/specifications on AllelcoElec.com.
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Specifications

BTS5230GS Tech Specifications

BTS5230GS - 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 ~ 150°C (TJ)
Voltage - Load	4.5V ~ 28V	Number of Outputs	2
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PG-DSO-14-37	Interface	On/Off
Series	PROFET®	Input Type	Non-Inverting
Rds On (Typ)	140mOhm (Max)	Features	Auto Restart, Status Flag
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Package / Case	14-SOIC (0.154", 3.90mm Width)	Current - Output (Max)	1.8A
Package	Tape & Reel (TR)	Base Product Number	BTS5230
Output Type	N-Channel		

Parts with Similar Specifications

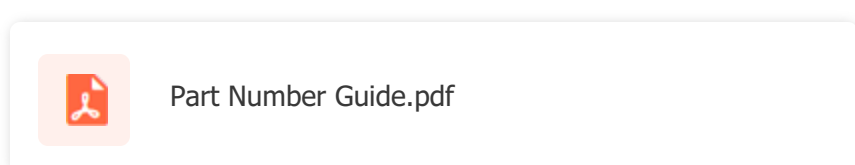
The three parts on the right have similar specifications to Infineon Technologies BTS5230GS

Product Attribute				
Part Number	BTS5230GS	BTS5210LAUMA1	BTS5234G	BTS5231GS
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Switch Type	General Purpose	General Purpose	-	General Purpose
Interface	On/Off	On/Off	-	On/Off
Ratio - Input:Output	1:1	1:1	-	1:1
Series	PROFET®	-	*	PROFET®
Output Configuration	High Side	High Side	-	High Side
Package / Case	14-SOIC (0.154", 3.90mm Width)	12-BSOP (0.295", 7.50mm Width) Exposed Pad	-	14-SOIC (0.154", 3.90mm Width)
Current - Output (Max)	1.8A	1.8A	-	1.8A
Input Type	Non-Inverting	Non-Inverting	-	Non-Inverting
Voltage - Load	4.5V ~ 28V	5.5V ~ 40V	-	4.5V ~ 28V
Output Type	N-Channel	N-Channel	-	N-Channel
Base Product Number	BTS5230	BTS5210	BTS5234	BTS5231
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Supplier Device Package	PG-DSO-14-37	PG-DSO-12-9	-	PG-DSO-14-18
Number of Outputs	2	2	-	2
Features	Auto Restart, Status Flag	-	-	Auto Restart, Status Flag
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-	-40°C ~ 150°C (TJ)
Rds On (Typ)	140mOhm (Max)	110mOhm	-	140mOhm (Max)
Fault Protection	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
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	-	Not Required
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount

BTS5230GS Datasheet PDF

Download BTS5230GS pdf datasheets and Infineon Technologies documentation for BTS5230GS - Infineon Technologies.

Other Related Documents



PCN Obsolescence/ EOL



Customers Also Interested in

Recommended Products

**BTS5210LAUMA1**Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 DSO-12**BTS5234G**Infineon Technologies
HALF-BRIDGE PERIPHERAL DRIVER**BTS5200-1EJA**Cypress Semiconductor
(Infineon Technologies)**BTS5231GS**Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 PDSO-14**BTS5210L**Cypress Semiconductor
(Infineon Technologies)**BTS52004EKAXUMA1**Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 DSO-14**BTS52312G**Cypress Semiconductor
(Infineon Technologies)**BTS5231-2GS**Cypress Semiconductor
(Infineon Technologies)**BTS5233-2GS**Infineon Technologies
PMIC - POWER DISTRIBUTION SWITCH**BTS5210GXUMA1**Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 DSO-14**BTS5234-2L**Cypress Semiconductor
(Infineon Technologies)**BTS5231-2G**Cypress Semiconductor
(Infineon Technologies)**BTS52312GSXUMA1**Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 DSO-14**BTS5200-4EKA**Cypress Semiconductor
(Infineon Technologies)**BTS5231-GS**Cypress Semiconductor
(Infineon Technologies)**BTS5231**Cypress Semiconductor
(Infineon Technologies)**BTS5215L**Cypress Semiconductor
(Infineon Technologies)**BTS5210G**Infineon Technologies
BUFFER/INVERTER BASED PERIPHERAL

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 Alleco 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 Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

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Certifications & Memberships



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