



Image may be representation.
See specifications for product details.



BTS426L1

Manufacturer Part Number	BTS426L1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BTS426L1
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	IC PWR SWITCH N-CHAN 1:1 TO220-5
Package	TO-220-5 Formed Leads
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

BTS426L1 - Infineon Technologies.New Original in Stock. Download Linear Technology BTS426L1 datasheet/specifications on AllelcoElec.com.
Request a quote for BTS426L1, please send us email: info@allelco.com

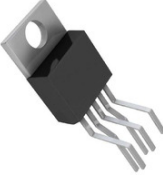



Specifications

BTS426L1 Tech Specifications
BTS426L1 - 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	5V ~ 34V	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Through Hole
Supplier Device Package	P-TO220-5-3	Interface	On/Off
Series	PROFET®	Input Type	Non-Inverting
Rds On (Typ)	50mOhm	Features	Auto Restart, Status Flag
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Package / Case	TO-220-5 Formed Leads	Current - Output (Max)	5.8A
Package	Tube	Base Product Number	BTS426L1
Output Type	N-Channel		

Parts with Similar Specifications


The three parts on the right have similar specifications to Infineon Technologies BTS426L1

Product Attribute				
Part Number	BTS426L1	BTS426L1 E3062A	BTS4160DGAXUMA1	BTS4175SGAXUMA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Base Product Number	BTS426L1	BTS426L1	BTS4160	BTS4175
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Output (Max)	5.8A	5.8A	1.7A	1.3A
Rds On (Typ)	50mOhm	50mOhm	160mOhm	175mOhm
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Output Configuration	High Side	High Side	High Side	High Side
Interface	On/Off	On/Off	On/Off	On/Off
Series	PROFET®	PROFET®	-	-
Ratio - Input:Output	1:1	1:1	1:1	1:1
Supplier Device Package	P-TO220-5-3	PG-TO263-5-2	PG-DSO-14-37	PG-DSO-8-24
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	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Number of Outputs	1	1	2	1
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Package / Case	TO-220-5 Formed Leads	TO-263-5, D²Pak (4 Leads + Tab), TO-263BB	14-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Voltage - Load	5V ~ 34V	5V ~ 34V	5.5V ~ 20V	6V ~ 52V
Features	Auto Restart, Status Flag	Auto Restart, Status Flag	Status Flag	Status Flag

BTS426L1 Datasheet PDF

Download BTS426L1 pdf datasheets and Infineon Technologies documentation for BTS426L1 - Infineon Technologies.

Datasheets


 Cylindrical Battery Holders.pdf

Other Related Documents


 Part Number Guide.pdf

Customers Also Interested in


Recommended Products




BTS426L1 E3062A
Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 TO263-5




BTS426L1E306
Cypress Semiconductor (Infineon Technologies)




BTS4160DGAXUMA1
Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 DSO-14




BTS4275S
Cypress Semiconductor (Infineon Technologies)




BTS4252D
Cypress Semiconductor (Infineon Technologies)




BTS425L1
Cypress Semiconductor (Infineon Technologies)




BTS428L2
Cypress Semiconductor (Infineon Technologies)




BTS4175SGAXUMA1
Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 DSO-8




BTS4166GDA
Cypress Semiconductor (Infineon Technologies)




BTS426L1 E3043
Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 TO220-5




BTS4175SGA
INFINION




BTS4276GV50
Cypress Semiconductor (Infineon Technologies)




BTS41K0S-ME-N
Infineon Technologies
BTS41K0 - PROFET - SMART HIGH SI




BTS426L1E3062ABUMA1
Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 TO263-5




BTS4160DGA
Cypress Semiconductor (Infineon Technologies)



BTS4276GV10
Cypress Semiconductor (Infineon Technologies)



BTS428L
Cypress Semiconductor (Infineon Technologies)



BTS41K0SMENHUMA1
Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 SOT223-4

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			DHL & FedEx Shipment Charges Reference	
Region	Country	Logistic Time(Day)	Shipment charges(KG)	Reference DHL(USD\$)
America	United States	5	0.00kg-1.00kg	USD\$60.00
	Brazil	7	1.00kg-2.00kg	USD\$70.00
Europe	Germany	5	2.00kg-3.00kg	USD\$80.00
	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
	New Zealand	7		
Asia	India	6		
	Japan	7		
Middle East	Israel	6		

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.









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Certifications & Memberships



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