



Image may be representation.
See specifications for product details.



L6566BTR

Manufacturer Part Number	L6566BTR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L6566BTR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OFFLINE SWITCH FLYBACK 16SO
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	L6566B.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

L6566BTR - STMicroelectronics.New Original in Stock. Download Linear Technology L6566BTR datasheet/specifications on AllelcoElec.com.
Request a quote for L6566BTR, please send us email: info@allelco.com

Specifications

L6566BTR Tech Specifications

L6566BTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Isolation	Isolated
Voltage - Supply (Vcc/Vdd)	8V ~ 23V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Start Up	14 V	Mounting Type	Surface Mount
Voltage - Breakdown	-	Internal Switch(s)	No
Topology	Flyback	Frequency - Switching	10kHz ~ 300kHz
Supplier Device Package	16-SO	Fault Protection	Current Limiting, Over Load
Series	-	Duty Cycle	75%
Package / Case	16-SOIC (0.154", 3.90mm Width)	Control Features	Soft Start
Package	Tape & Reel (TR)	Base Product Number	L6566

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L6566BTR

Product Attribute				
Part Number	L6566BTR	L6565DTR	L6566ATR	L6566B
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Topology	Flyback	Flyback	Flyback	Flyback
Frequency - Switching	10kHz ~ 300kHz	-	100kHz	10kHz ~ 300kHz
Control Features	Soft Start	-	Frequency Control, Soft Start	Soft Start
Voltage - Breakdown	-	-	-	-
Fault Protection	Current Limiting, Over Load	Current Limiting	Current Limiting, Over Load	Current Limiting, Over Load
Voltage - Start Up	14 V	13.5 V	14 V	14 V
Voltage - Supply (Vcc/Vdd)	8V ~ 23V	10.3V ~ 18V	8V ~ 23V	8V ~ 23V
Package / Case	16-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)
Duty Cycle	75%	-	70%	75%
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	L6566	L6565	L6566	L6566
Output Isolation	Isolated	Isolated	Isolated	Isolated
Supplier Device Package	16-SO	8-SOIC	16-SO	16-SO
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Series	-	-	-	-
Internal Switch(s)	No	No	No	No

L6566BTR Datasheet PDF

Download L6566BTR pdf datasheets and STMicroelectronics documentation for L6566BTR - STMicroelectronics.

PCN Packaging

Mult Dev Inner Pkg Chg 30/Oct/2019.pdf

Material Barrier Bag 17/Dec/2020.pdf

PCN Design/Specification

SO14L and SO16L 13/Dec/2016.pdf

HTML Datasheet

L6566B.pdf

Customers Also Interested in

Recommended Products



L6569D013TR

STMicroelectronics
IC GATE DRVR HALF-BRIDGE 8SO



L6571A

STMicroelectronics
IC GATE DRVR HALF-BRIDGE 8MINIDIP



L6571B

STMicroelectronics
IC GATE DRVR HALF-BRIDGE 8MINIDIP



L6569A

STMicroelectronics
IC GATE DRVR HALF-BRIDGE 8MINIDIP



L6565DTR

STMicroelectronics
IC OFFLINE SWITCH FLYBACK 8SO



L6566ATR

STMicroelectronics
IC OFFLINE SWITCH FLYBACK 16SO



L6568S

STMicroelectronics



L6566B

STMicroelectronics
IC OFFLINE SWITCH FLYBACK 16SO



L6566BHTR

STMicroelectronics
IC OFFLINE SWITCH FLYBACK 16SO



L6569AD013TR

STMicroelectronics
IC GATE DRVR HALF-BRIDGE 8SO



L6566A

STMicroelectronics
IC OFFLINE SWITCH FLYBACK 16SO



L6571AD013TR

STMicroelectronics
IC GATE DRVR HALF-BRIDGE 8SO



L6569D

STMicroelectronics
IC GATE DRVR HALF-BRIDGE 8SO



L6565VR-TLM-E

LAPIS Technology



L6566A-12/50

STMicroelectronics



L6565D

STMicroelectronics
IC OFFLINE SWITCH FLYBACK 8SO



L6565N

STMicroelectronics
IC OFFLINE SWITCH FLYBACK 8DIP

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 Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



View More



ALLELCO LIMITED
WWW.ALLELCOELEC.COM

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

Copyright © 2012-2023 AllelcoElec.com. All rights reserved.