



Image may be representation.  
See specifications for product details.



## L6565DTR

Manufacturer Part Number	<b>L6565DTR</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-L6565DTR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC OFFLINE SWITCH FLYBACK 8SO
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>L6565.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

L6565DTR - STMicroelectronics. New Original in Stock. Download Linear Technology L6565DTR datasheet/specifications on AllelcoElec.com.  
Request a quote for L6565DTR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

L6565DTR Tech Specifications

L6565DTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Isolation	Isolated
Voltage - Supply (Vcc/Vdd)	10.3V ~ 18V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Start Up	13.5 V	Mounting Type	Surface Mount
Voltage - Breakdown	-	Internal Switch(s)	No
Topology	Flyback	Frequency - Switching	-
Supplier Device Package	8-SOIC	Fault Protection	Current Limiting
Series	-	Duty Cycle	-
Package / Case	8-SOIC (0.154", 3.90mm Width)	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	L6565

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L6565DTR

Product Attribute				
Part Number	L6565DTR	L6565N	L6566ATR	L6566BH
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Internal Switch(s)	No	No	No	No
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Frequency - Switching	-	-	100kHz	10kHz ~ 300kHz
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Topology	Flyback	Flyback	Flyback	Flyback
Fault Protection	Current Limiting	Current Limiting	Current Limiting, Over Load	Current Limiting, Over Load
Duty Cycle	-	-	70%	75%
Voltage - Start Up	13.5 V	13.5 V	14 V	14 V
Output Isolation	Isolated	Isolated	Isolated	Isolated
Voltage - Breakdown	-	-	-	-
Voltage - Supply (Vcc/Vdd)	10.3V ~ 18V	10.3V ~ 18V	8V ~ 23V	8V ~ 23V
Base Product Number	L6565	L6565	L6566	L6566
Control Features	-	-	Frequency Control, Soft Start	Soft Start
Series	-	-	-	-
Supplier Device Package	8-SOIC	8-DIP	16-SO	16-SO
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount

### L6565DTR Datasheet PDF

Download L6565DTR pdf datasheets and STMicroelectronics documentation for L6565DTR - STMicroelectronics.

#### PCN Packaging

Box Label Chg 28/Jul/2016.pdf

Mult Dev Cover Tape Chg 14/Aug/2019.pdf

#### PCN Assembly/Origin

Qualification HD Lead Frame/Resin 10/Feb/2014.pdf



















#### PCN Design/Specification

S08 HD Assembly line/Material Set Chg 22/Mar/2016.pdf

#### HTML Datasheet

## Customers Also Interested in

### Recommended Products

					
<b>L6565VR-TLM-E</b> LAPIS Technology	<b>L6565N</b> STMicroelectronics IC OFFLINE SWITCH FLYBACK 8DIP	<b>L6566ATR</b> STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO	<b>L6564TDTR</b> STMicroelectronics IC PFC CTRLR TRANSITION 10SSOP	<b>L6563TR</b> STMicroelectronics IC PFC CTRLR TRANSITION 14SO	<b>L6564HTR</b> STMicroelectronics IC PFC CTRLR TRANSITION 14SO
					
<b>L6563HTR</b> STMicroelectronics IC PFC CTRLR TRANSITION 16SO	<b>L6566BH</b> STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO	<b>L6564D</b> STMicroelectronics IC PFC CTRLR TRANSITION 10SSOP	<b>L6565D</b> STMicroelectronics IC OFFLINE SWITCH FLYBACK 8SO	<b>L6564H</b> STMicroelectronics IC PFC CTRLR TRANSITION 14SO	<b>L6566B</b> STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO
					
<b>L6566BHTR</b> STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO	<b>L6563STR</b> STMicroelectronics IC PFC CTRLR TRANSITION 14SO	<b>L6563S</b> STMicroelectronics IC PFC CTRLR TRANSITION 14SO	<b>L6566BTR</b> STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO	<b>L6564DTR</b> STMicroelectronics IC PFC CTRLR TRANSITION 10SSOP	<b>L6566A</b> STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO

## 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
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Contact us if you have any questions.

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### Certifications & Memberships



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### Contact us

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