



Image may be representation.  
See specifications for product details.



## IR5001STR

Manufacturer Part Number	<b>IR5001STR</b>
Manufacturer	<b>Infineon Technologies</b>
Allelco Part Number	32D-IR5001STR
ECAD Model	Request Free CAD Models
Parts Description	IC CTRLR/MOSFET UNIV N-CH 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>IR5001S (PbF).pdf</b> <b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

IR5001STR - Infineon Technologies.New Original in Stock. Download Linear Technology IR5001STR datasheet/specifications on AllelcoElec.com.  
Request a quote for IR5001STR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

IR5001STR Tech Specifications

IR5001STR - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Internal Switch(s)	No
Voltage - Supply	36V ~ 75V	FET Type	N-Channel
Supplier Device Package	8-SOIC	Delay Time - ON	27 μs
Series	-	Delay Time - OFF	130 ns
Package / Case	8-SOIC (0.154", 3.90mm Width)	Current - Supply	500 μA
Package	Cut Tape (CT)	Base Product Number	IR5001
Operating Temperature	0°C ~ 85°C	Applications	-48V Dist Power Systems, AdvancedTCA® Systems
Mounting Type	Surface Mount		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IR5001STR

Product Attribute				
Part Number	IR5001STR	IR5001STRPBF	IR5001S	IR51HD224
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	IR
FET Type	N-Channel	N-Channel	N-Channel	-
Voltage - Supply	36V ~ 75V	36V ~ 75V	36V ~ 75V	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Delay Time - OFF	130 ns	130 ns	130 ns	-
Base Product Number	IR5001	IR5001	IR5001	-
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	-
Operating Temperature	0°C ~ 85°C	0°C ~ 85°C	0°C ~ 85°C	-
Package	Cut Tape (CT)	Tape & Reel (TR)	Tube	-
Current - Supply	500 μA	500 μA	500 μA	-
Internal Switch(s)	No	No	No	-
Series	-	-	-	-
Applications	-48V Dist Power Systems, AdvancedTCA® Systems	-48V Dist Power Systems	-48V Dist Power Systems	-
Delay Time - ON	27 μs	27 μs	27 μs	-
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	-

### IR5001STR Datasheet PDF

Download IR5001STR pdf datasheets and Infineon Technologies documentation for IR5001STR - Infineon Technologies.

#### Datasheets

IR5001S (PbF).pdf

#### Other Related Documents

Part Number Guide.pdf

#### HTML Datasheet

Cylindrical Battery Holders.pdf

### Customers Also Interested in

#### Recommended Products



**IR51HD224**

IR



NO PICTURE

**IR50A63VDC**

XX

**IR51HD420**Infineon Technologies  
IC HALF BRIDGE DRIVER 700MA  
9SIP**IR51HD214**

IR



NO PICTURE

**IR51H320**

IR



NO PICTURE

**IR51H420**

IR

**IR5006**

NO PICTURE

**IR50A125VAC**

SKYGATE

**IR51H224**Infineon Technologies  
IC HALF BRIDGE DRIVER 1.1A 9SIP**IR5001STRPBF**Infineon Technologies  
IC OR CTRLR N+1 8SOIC

NO PICTURE

**IR5001STRPBF.**

IR



NO PICTURE

**IR5001SPBF**

IR

**IR51HD310**

IR

**IR51H310**Infineon Technologies  
IC HALF BRIDGE DRIVER 700MA  
9SIP

NO PICTURE

**IR5007**

IR

**IR5001S**Infineon Technologies  
IC OR CTRLR N+1 8SOIC

NO PICTURE

**IR51H214**

IR



NO PICTURE

**IR5250**

IR

## 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



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