



Image may be representation.
See specifications for product details.



TDE1897RFP

Manufacturer Part Number	TDE1897RFP
Manufacturer	STMicroelectronics
Allelco Part Number	32D-TDE1897RFP
ECAD Model	Request Free CAD Models
Parts Description	IC PWR SWITCH N-CHANNEL 1:1 20SO
Package	20-SOIC (0.295", 7.50mm Width)
Data sheet	TDE1897R-98R.pdf
RoHs Status	ROHS3 Compliant

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TDE1897RFP - STMicroelectronics.New Original in Stock. Download Linear Technology TDE1897RFP datasheet/specifications on AllelcoElec.com.
Request a quote for TDE1897RFP, please send us email: info@allelco.com

Specifications

TDE1897RFP Tech Specifications

TDE1897RFP - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Configuration	High Side
Voltage - Supply (Vcc/Vdd)	Not Required	Operating Temperature	-25°C ~ 85°C (TA)
Voltage - Load	18V ~ 35V	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	20-SO	Interface	On/Off
Series	-	Input Type	Differential
Rds On (Typ)	-	Features	-
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, UVLO
Package / Case	20-SOIC (0.295", 7.50mm Width)	Current - Output (Max)	500mA
Package	Tube	Base Product Number	TDE1897
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TDE1897RFP

Product Attribute				
Part Number	TDE1897RFP	TDE1747FPT	TDE1897RFPT	TDE1787DP
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Rds On (Typ)	-	-	-	-
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, UVLO	Current Limiting (Adjustable), Over Temperature	Current Limiting (Fixed), Open Load Detect, Over Temperature, UVLO	Current Limiting (Adjustable), Over Temperature
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Output Configuration	High Side	High Side	High Side	High Side
Switch Type	General Purpose	Relay, Solenoid Driver	General Purpose	Relay, Solenoid Driver
Operating Temperature	-25°C ~ 85°C (TA)	-25°C ~ 85°C (TA)	-25°C ~ 85°C (TA)	-25°C ~ 85°C (TA)
Ratio - Input:Output	1:1	1:1	1:1	1:1
Features	-	-	-	-
Number of Outputs	1	1	1	1
Base Product Number	TDE1897	TDE1747	TDE1897	TDE1787
Output Type	N-Channel	Bipolar	N-Channel	Bipolar
Current - Output (Max)	500mA	1A	500mA	1.2A
Interface	On/Off	On/Off	On/Off	On/Off
Supplier Device Package	20-SO	14-SO	20-SO	8-DIP
Input Type	Differential	Inverting, Non-Inverting	Differential	Inverting, Non-Inverting
Package / Case	20-SOIC (0.295", 7.50mm Width)	14-SOIC (0.154", 3.90mm Width)	20-SOIC (0.295", 7.50mm Width)	8-DIP (0.300", 7.62mm)
Voltage - Load	18V ~ 35V	10V ~ 45V	18V ~ 35V	6V ~ 45V

TDE1897RFP Datasheet PDF

Download TDE1897RFP pdf datasheets and STMicroelectronics documentation for TDE1897RFP - STMicroelectronics.

HTML Datasheet

[TDE1897R-98R.pdf](#)

Customers Also Interested in

Recommended Products



TDE1747FPT

STMicroelectronics
IC PWR DRIVER BIPOLAR 1:1 14SO



TDE1898RFP

STMicroelectronics



TDE1797DP

STMicroelectronics



TDE1897RFP

STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 20SO



TDE1787DP

STMicroelectronics
IC PWR DRIVER BIPOLAR 1:1 8DIP



TDE1798DP

STMicroelectronics
IC PWR SWITCH BIPLR 1:1 8MINIDIP



TDE1767DP

STMicroelectronics
IC PWR DRIVER BIPOLAR 1:1 8DIP



TDE1767ADP

STMicroelectronics
IC PWR DRIVER BIPOLAR 1:1 8DIP



TDE3247FP

STMicroelectronics
IC PWR DRIVER BIPOLAR 1:1 14SO



TDE3247

STMicroelectronics



TDE1897RDP

STMicroelectronics
IC PWR SWITCH N-CHAN 1:1 8MINIDIP



TDE1898RDP

STMicroelectronics
IC PWR DRV N-CHAN 1:1 8MINIDIP



TDE3247DP

STMicroelectronics



TDE1898CFP

STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 20SO



TDE3247FPT

STMicroelectronics
IC PWR DRIVER BIPOLAR 1:1 14SO



TDE1787ADP

STMicroelectronics
IC PWR DRIVER BIPOLAR 1:1 8DIP



TDE1798D

STMicroelectronics



TDE1898CDP

STMicroelectronics
IC PWR DRV N-CHAN 1:1 8MINIDIP

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.



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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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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

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