

Image may be representation.
See specifications for product details.



L6370D013TR

Manufacturer Part Number	L6370D013TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L6370D013TR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC PWR DRIVER N-CHAN 1:1 PWRSO20
Package	20-SOIC (0.433', 11.00mm Width) Exposed Pad
Data sheet	L6370.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

L6370D013TR - STMicroelectronics.New Original in Stock. Download Linear Technology L6370D013TR datasheet/specifications on AllelcoElec.com.
Request a quote for L6370D013TR, please send us email: info@allelco.com

Specifications

L6370D013TR Tech Specifications

L6370D013TR - 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 (TJ)
Voltage - Load	9.5V ~ 35V	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PowerSO-20	Interface	On/Off
Series	-	Input Type	Differential
Rds On (Typ)	-	Features	Status Flag
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, UVLO
Package / Case	20-SOIC (0.433', 11.00mm Width) Exposed Pad	Current - Output (Max)	2.5A
Package	Tape & Reel (TR)	Base Product Number	L6370
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L6370D013TR

Product Attribute				
Part Number	L6370D013TR	L6375D013TR	L6377D013TR	L6370QTR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Features	Status Flag	Status Flag	Status Flag	Status Flag
Output Configuration	High Side	High Side	High Side	High Side
Supplier Device Package	PowerSO-20	20-SO	14-SO	48-QFN (7x7)
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Number of Outputs	1	1	1	1
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Interface	On/Off	On/Off	On/Off	On/Off
Package / Case	20-SOIC (0.433', 11.00mm Width) Exposed Pad	20-SOIC (0.295', 7.50mm Width)	14-SOIC (0.154', 3.90mm Width)	48-VFQFN Exposed Pad
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Rds On (Typ)	-	-	-	100mOhm
Input Type	Differential	Non-Inverting	Non-Inverting	Differential
Base Product Number	L6370	L6375	L6377	L6370
Operating Temperature	-25°C ~ 85°C (TJ)	-25°C ~ 125°C (TJ)	-25°C ~ 125°C (TJ)	-25°C ~ 125°C (TJ)
Ratio - Input:Output	1:1	1:1	1:1	1:1
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, UVLO	Current Limiting (Fixed), Open Load Detect, Over Temperature, UVLO	Current Limiting (Fixed), Over Temperature, UVLO	Current Limiting (Fixed), Open Load Detect, Over Temperature, UVLO
Voltage - Load	9.5V ~ 35V	8V ~ 35V	8V ~ 35V	9.5V ~ 35V
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Current - Output (Max)	2.5A	500mA	500mA	2.5A

L6370D013TR Datasheet PDF

Download L6370D013TR pdf datasheets and STMicroelectronics documentation for L6370D013TR - STMicroelectronics.

HTML Datasheet



Customers Also Interested in

Recommended Products



L6360TR

STMicroelectronics
IC TRANSCEIVER 1/1 26VDFPN



L6375D013TR

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1 20SOIC



L6364Q

STMicroelectronics
IC TRANSCEIVER FULL 2/2 20QFN



L6362ATR

STMicroelectronics
IC TRANSCEIVER 1/1 12VDFPN



L6377D013TR

STMicroelectronics
IC PWR SWITCH N-CHANNEL 1:1 14SO



L6315ATXXTV

STMicroelectronics



L6376PD

STMicroelectronics



L6330T

SGS



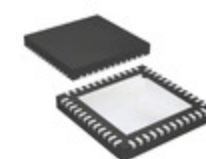
L6315ATTBTY

STMicroelectronics



L6301ADTR

STMicroelectronics



L6370QTR

STMicroelectronics
IC PWR SWITCH N-CHAN 1:1 48QFN



L6374FP013TR

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



L6315ATPATAV

STMicroelectronics



L6315ATXXTY

STMicroelectronics



L6375D

STMicroelectronics
IC PWR SWITCH N-CHAN 1:1 20SOIC



L6377D

STMicroelectronics
IC PWR SWITCH N-CHANNEL 1:1 14SO



L6319TR

STMicroelectronics



L6374FP

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

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