

Image may be representation.
See specifications for product details.



ULN2004D1013TR

Manufacturer Part Number	ULN2004D1013TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-ULN2004D1013TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC PWR RELAY 7NPN 1:1 16SO
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	ULN200x(A,D1).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ULN2004D1013TR - STMicroelectronics.New Original in Stock. Download Linear Technology ULN2004D1013TR datasheet/specifications on AllelcoElec.com.
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Specifications

ULN2004D1013TR Tech Specifications
ULN2004D1013TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Configuration	Low Side
Voltage - Supply (Vcc/Vdd)	Not Required	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Load	50V (Max)	Number of Outputs	7
Switch Type	Relay, Solenoid Driver	Mounting Type	Surface Mount
Supplier Device Package	16-SO	Interface	Parallel
Series	ULx200xA	Input Type	Inverting
Rds On (Typ)	-	Features	-
Ratio - Input:Output	1:1	Fault Protection	-
Package / Case	16-SOIC (0.154", 3.90mm Width)	Current - Output (Max)	500mA
Package	Tape & Reel (TR)	Base Product Number	ULN2004
Output Type	NPN		

Parts with Similar Specifications

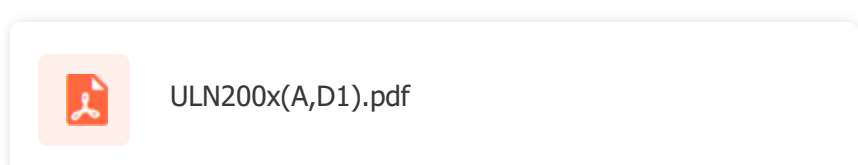
The three parts on the right have similar specifications to STMicroelectronics ULN2004D1013TR

Product Attribute				
Part Number	ULN2004D1013TR	ULN2004AS16-13	ULN2004AN	ULN2004AINSR
Manufacturer	STMicroelectronics	Diodes Incorporated	Texas Instruments	Texas Instruments
Base Product Number	ULN2004	ULN2004	ULN2004	ULN2004
Fault Protection	-	-	-	-
Input Type	Inverting	Inverting	Inverting	Inverting
Number of Outputs	7	7	7	7
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 70°C (TA)	-40°C ~ 105°C (TA)
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Interface	Parallel	Parallel	Parallel	Parallel
Features	-	-	-	-
Rds On (Typ)	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Output Type	NPN	NPN	NPN	NPN
Series	ULx200xA	ULx200xA	ULx200xA	ULx200xA
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Current - Output (Max)	500mA	500mA	500mA	500mA
Ratio - Input:Output	1:1	1:1	1:1	1:1
Switch Type	Relay, Solenoid Driver	Relay, Solenoid Driver	Relay, Solenoid Driver	Relay, Solenoid Driver
Output Configuration	Low Side	Low Side	Low Side	Low Side
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-DIP (0.300", 7.62mm)	16-SOIC (0.209", 5.30mm Width)
Supplier Device Package	16-SO	16-SO	16-PDIP	16-SO
Voltage - Load	50V (Max)	50V (Max)	50V (Max)	50V (Max)

ULN2004D1013TR Datasheet PDF

Download ULN2004D1013TR pdf datasheets and STMicroelectronics documentation for ULN2004D1013TR - STMicroelectronics.

HTML Datasheet



Customers Also Interested in

Recommended Products



ULN2004AM
HG/HX



ULN2024A
Allegro MicroSystems



ULN2023L
Allegro MicroSystems



ULN2023A
Texas Instruments



ULN2004DT
STMicroelectronics



ULN2004AS16-13
Diodes Incorporated
IC PWR RELAY 7NPN 1:1 16SO



ULN2004L-S16-R
UTC



ULN2004AI
Texas Instruments



ULN2004AN
Texas Instruments
TRANS 7NPN DARL 50V 0.5A 16DIP



ULN2004APG
TAEC Product (Toshiba
Electronic Devices and Stora



ULN2004D1
STMicroelectronics



ULN2004AINSR
Texas Instruments
TRANS 7NPN DARL 50V 0.5A 16SO



ULN2004VAD16-U
Diodes Incorporated



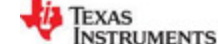
ULN2014A
Allegro MicroSystems



ULN2004AIN
Texas Instruments
TRANS 7NPN DARL 50V 0.5A 16DIP



ULN2004L
UTC



ULN2004ANSR
Texas Instruments
TRANS 7NPN DARL 50V 0.5A 16SO



ULN2004AIDR
Texas Instruments
TRANS 7NPN DARL 50V 0.5A 16SOIC

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

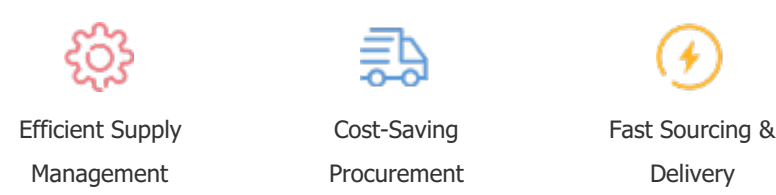
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

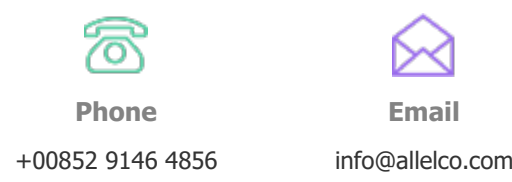
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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