



Image may be representation.
See specifications for product details.



E-L9823013TR

Manufacturer Part Number	E-L9823013TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-E-L9823013TR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC PWR DRIVER N-CHANNEL 1:8 24SO
Package	24-SOIC (0.295", 7.50mm Width)
Data sheet	L9823.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

E-L9823013TR - STMicroelectronics.New Original in Stock. Download Linear Technology E-L9823013TR datasheet/specifications on AllelcoElec.com.
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Specifications

E-L9823013TR Tech Specifications

E-L9823013TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Configuration	Low Side
Voltage - Supply (Vcc/Vdd)	-	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Load	4.5V ~ 5.5V	Number of Outputs	8
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	24-SO	Interface	SPI
Series	-	Input Type	-
Rds On (Typ)	800mOhm	Features	-
Ratio - Input:Output	1:8	Fault Protection	Current Limiting (Fixed), Over Temperature
Package / Case	24-SOIC (0.295", 7.50mm Width)	Current - Output (Max)	500mA
Package	Tape & Reel (TR)	Base Product Number	E-L9823
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics E-L9823013TR

Product Attribute				
Part Number	E-L9823013TR	E-L9826	E-L9826TR	E-L9935013TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Number of Outputs	8	8	8	-
Voltage - Supply (Vcc/Vdd)	-	4.5V ~ 5.5V	4.5V ~ 5.5V	-
Output Configuration	Low Side	Low Side	Low Side	Half Bridge (4)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	24-SO	20-SO	20-SO	PowerSO-20
Input Type	-	-	-	-
Series	-	-	-	-
Interface	SPI	SPI	SPI	SPI
Base Product Number	E-L9823	E-L9826	E-L9826	E-L9935
Voltage - Load	4.5V ~ 5.5V	45V (Max)	45V (Max)	8V ~ 24V
Ratio - Input:Output	1:8	1:8	1:8	-
Switch Type	General Purpose	Latched Driver	Latched Driver	-
Rds On (Typ)	800mOhm	1.5Ohm	1.5Ohm	-
Output Type	N-Channel	N-Channel	N-Channel	-
Package / Case	24-SOIC (0.295", 7.50mm Width)	20-SOIC (0.295", 7.50mm Width)	20-SOIC (0.295", 7.50mm Width)	20-SOIC (0.433", 11.00mm Width) Exposed Pad
Fault Protection	Current Limiting (Fixed), Over Temperature	Current Limiting (Fixed), Over Temperature	Current Limiting (Fixed), Over Temperature	-
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Current - Output (Max)	500mA	450mA	450mA	-
Features	-	-	-	-

E-L9823013TR Datasheet PDF

Download E-L9823013TR pdf datasheets and STMicroelectronics documentation for E-L9823013TR - STMicroelectronics.

PCN Packaging



Box Label Chg 28/Jul/2016.pdf



Material Barrier Bag 17/Dec/2020.pdf

PCN Assembly/Origin



2.73KHz.pdf



L9823.pdf

Customers Also Interested in

Recommended Products

**E-L9826**STMicroelectronics
IC PWR DRIVER N-CHAN 1:8 20SOIC**E-L9935013TR**STMicroelectronics
IC MTR DRV BIPOLAR 8-24V
20PWR50**E-L6919ETR**STMicroelectronics
IC REG CTRLR BUCK 28SOIC**E-L6932D1.2TR**STMicroelectronics
IC REG LINEAR POS ADJ 2A 8SOIC**E-L6911DTR**

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**E-L6452**STMicroelectronics
IC INKET DRVR DUAL 13X16 100QFP**E-L9637D013TR**STMicroelectronics
IC TRANSCEIVER 1/1 8SO**E-L6258EATR**STMicroelectronics
IC MOTOR DRIVER BIPLR
36POWER50**E-L6258E**STMicroelectronics
IC MOTOR DRIVER BIPLR
36POWER50**E-L6219DS013TR**STMicroelectronics
IC MTR DRV BIPLR 4.75-5.25V 24SO**E-L6571BD013TR**STMicroelectronics
IC GATE DRVR HALF-BRIDGE 8SO**E-L6561D013TR**

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**E-L6258EXTR**STMicroelectronics
IC MOTOR DRIVER BIPLR
36POWER50**E-L6219DS**STMicroelectronics
IC MTR DRV BIPLR 4.75-5.25V 24SO**E-L6219DSATR**STMicroelectronics
IND & POWER CONV**E-L9826TR**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:8
20SO**E-L6210**STMicroelectronics
BRIDGE RECT 1P 50V 2A 16DIP**E-L5973D013TR**

STMicroelectronics

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.



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Email

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Certifications & Memberships



View More

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