



Image may be representation.
See specifications for product details.



TLE94103EPXUMA1

Manufacturer Part Number **TLE94103EPXUMA1**

Manufacturer **Infineon Technologies**

Allelco Part Number **32D-TLE94103EPXUMA1**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC HALF BRIDGE DRVR 2A TSDSO-14**

Package **14-TSSOP (0.154", 3.90mm Width) Exposed Pad**

Data sheet **[TLE94103EP.pdf](#)**

[TLE94x03EP, TLE94x04EP Brief.pdf](#)

[TLE94x03EP, TLE94x04EP Brief.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

TLE94103EPXUMA1 - Infineon Technologies. New Original in Stock. Download Linear Technology TLE94103EPXUMA1 datasheet/specifications on AllelcoElec.com. Request a quote for TLE94103EPXUMA1, please send us email: info@allelco.com

Specifications

TLE94103EPXUMA1 Tech Specifications

TLE94103EPXUMA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply	3V ~ 5.5V	Mounting Type	Surface Mount
Voltage - Load	5.5V ~ 20V	Load Type	Inductive
Technology	Power MOSFET	Interface	SPI
Supplier Device Package	PG-TSDSO-14	Features	-
Series	-	Fault Protection	Current Limiting, Over Temperature, Short Circuit, UVLO
Rds On (Typ)	825mOhm LS, 825mOhm HS	Current - Peak Output	-
Package / Case	14-TSSOP (0.154", 3.90mm Width) Exposed Pad	Current - Output / Channel	2A
Package	Tape & Reel (TR)	Base Product Number	TLE94103
Output Configuration	Half Bridge (3)	Applications	DC Motors, General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies TLE94103EPXUMA1

Product Attribute				
Part Number	TLE94103EPXUMA1	TLE94108ESXUMA1	TLE94106ESXUMA1	TLE94003EPXUMA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Series	-	-	-	-
Features	-	Charge Pump	-	-
Output Configuration	Half Bridge (3)	Half Bridge (8)	Half Bridge (6)	Half Bridge (3)
Load Type	Inductive	Inductive, Resistive	Inductive	Inductive
Fault Protection	Current Limiting, Over Temperature, Short Circuit, UVLO	Current Limiting, Over Temperature, Short Circuit	Current Limiting, Over Temperature, Short Circuit, UVLO	Current Limiting, Over Temperature, Short Circuit, UVLO
Voltage - Supply	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Applications	DC Motors, General Purpose	DC Motors, General Purpose	DC Motors, General Purpose	DC Motors, General Purpose
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	14-TSSOP (0.154", 3.90mm Width) Exposed Pad	24-TSSOP (0.154", 3.90mm Width) Exposed Pad	24-TSSOP (0.154", 3.90mm Width) Exposed Pad	14-TSSOP (0.154", 3.90mm Width) Exposed Pad
Interface	SPI	Logic, PWM, SPI	SPI	Direct
Rds On (Typ)	825mOhm LS, 825mOhm HS	1.30hm LS, 1.30hm HS	850mOhm LS, 850mOhm HS	825mOhm LS, 825mOhm HS
Base Product Number	TLE94103	TLE94108	TLE94106	TLE94003
Technology	Power MOSFET	-	Power MOSFET	DMOS
Supplier Device Package	PG-TSDSO-14	PG-TSDSO-24	PG-TSDSO-24	PG-TSDSO-14
Voltage - Load	5.5V ~ 20V	3V ~ 5.5V	5.5V ~ 18V	5.5V ~ 20V
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Current - Output / Channel	2A	-	2A	2A
Current - Peak Output	-	-	-	-

TLE94103EPXUMA1 Datasheet PDF

Download TLE94103EPXUMA1 pdf datasheets and Infineon Technologies documentation for TLE94103EPXUMA1 - Infineon Technologies.

Datasheets

[TLE94103EP.pdf](#)


[TLE94x03EP, TLE94x04EP Brief.pdf](#)

PCN Packaging

[Mult Dev Cover Tape Chg 13/Jul/2022.pdf](#)

[330mm Reel Pkg Chg 3/Aug/2018.pdf](#)

Other Related Documents

 Orderable Part Number OPN Translation Table.pdf

HTML Datasheet









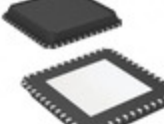
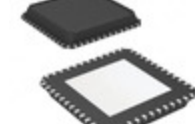








 TLE94x03EP, TLE94x04EP Brief.pdf

PCN Assembly/Origin

 TLE94y A/T 28/May/2021.pdf

Customers Also Interested in

Recommended Products

					
TLE94108ESXUMA1 Infineon Technologies IC HALF BRIDGE DRIVER 24TSDSO	TLE94106EL Cypress Semiconductor (Infineon Technologies)	TLE94103EP Infineon	TLE94108EL Cypress Semiconductor (Infineon Technologies)	TLE94110E-L Cypress Semiconductor (Infineon Technologies)	TLE94106ESXUMA1 Infineon Technologies IC HALF BRIDGE DRIVER 2A 24TSDSO
					
TLE9350VSJ Cypress Semiconductor (Infineon Technologies)	TLE94106E Cypress Semiconductor (Infineon Technologies)	TLE9273QXV33XUMA1 Infineon Technologies IC REG 4OUT VQFN-48-31	TLE9278BQXXUMA1 Infineon Technologies BODY SYSTEM ICS	TLE9278BQXV33 Cypress Semiconductor (Infineon Technologies)	TLE9350XSJ Cypress Semiconductor (Infineon Technologies)
					
TLE9350 Cypress Semiconductor (Infineon Technologies)	TLE94110EL Cypress Semiconductor (Infineon Technologies)	TLE94003EPXUMA1 Infineon Technologies IC HALF BRIDGE DRVR 2A TSDSO-14	TLE94106ES Cypress Semiconductor (Infineon Technologies)	TLE94108ELXUMA1 Infineon Technologies IC HALF BRIDGE DRVR 500MA 24SSOP	TLE9278BQX Cypress Semiconductor (Infineon Technologies)

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 Alleco 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:
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