



Image may be representation.  
See specifications for product details.



## TLD23313EPXUMA1

Manufacturer Part Number	<b>TLD23313EPXUMA1</b>
Manufacturer	<b>Infineon Technologies</b>
Allelco Part Number	32D-TLD23313EPXUMA1
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC LED DRVR LIN PWM 60MA 14TSDSO
Package	14-TSSOP (0.154", 3.90mm Width) Exposed Pad
Data sheet	<b>TLD2331-3EP.pdf</b> <b>TLD2331-3EP.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

TLD23313EPXUMA1 - Infineon Technologies. New Original in Stock. Download Linear Technology TLD23313EPXUMA1 datasheet/specifications on AllelcoElec.com. Request a quote for TLD23313EPXUMA1, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TLD23313EPXUMA1 Tech Specifications  
TLD23313EPXUMA1 - 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 (Min)	5.5V	Number of Outputs	3
Voltage - Supply (Max)	40V	Mounting Type	Surface Mount
Voltage - Output	40V	Internal Switch(s)	Yes
Type	Linear	Frequency	-
Topology	-	Dimming	PWM
Supplier Device Package	PG-TSDSO-14	Current - Output / Channel	60mA
Series	Automotive, AEC-Q100, LITIX™	Base Product Number	TLD23313
Package / Case	14-TSSOP (0.154", 3.90mm Width) Exposed Pad	Applications	Automotive
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies TLD23313EPXUMA1

Product Attribute				
Part Number	TLD23313EPXUMA1	TLD5095EL	TLD5045EJ	TLD5045EJXUMA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Base Product Number	TLD23313	TLD5095	-	TLD5045
Topology	-	Flyback, SEPIC, Step-Down (Buck), Step-Up (Boost)	-	Step-Down (Buck)
Voltage - Supply (Max)	40V	45V	-	40V
Number of Outputs	3	1	-	1
Applications	Automotive	Automotive	-	Backlight
Voltage - Supply (Min)	5.5V	4.75V	-	5V
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-	-40°C ~ 150°C (TJ)
Voltage - Output	40V	-	-	-
Package	Tape & Reel (TR)	Bulk	-	Tape & Reel (TR)
Current - Output / Channel	60mA	550mA	-	700mA
Dimming	PWM	PWM	-	Analog, PWM
Frequency	-	100kHz ~ 500kHz	-	50kHz ~ 300kHz
Type	Linear	DC DC Controller	-	DC DC Regulator
Internal Switch(s)	Yes	No	-	Yes
Supplier Device Package	PG-TSDSO-14	PG-SSOP-14	-	PG-DSO-8
Series	Automotive, AEC-Q100, LITIX™	LITIX™	-	Automotive, AEC, LITIX™
Package / Case	14-TSSOP (0.154", 3.90mm Width) Exposed Pad	14-LSSOP (0.154", 3.90mm Width) Exposed Pad	-	8-SOIC (0.154", 3.90mm Width) Exposed Pad

### TLD23313EPXUMA1 Datasheet PDF

Download TLD23313EPXUMA1 pdf datasheets and Infineon Technologies documentation for TLD23313EPXUMA1 - Infineon Technologies.

#### Datasheets

TLD2331-3EP.pdf

#### PCN Packaging

Mult Dev Pkg Box Chg 3/Jan/2018.pdf

Mult Dev Cover Tape Chg 13/Jul/2022.pdf

#### PCN Assembly/Origin

Mult Dev A/T Chgs 11/Nov/2021.pdf

## PCN Design/Specification

 Mult Dev Datasheet Chg 17/Dec/2019.pdf

## HTML Datasheet

 TLD2331-3EP.pdf

## Customers Also Interested in

### Recommended Products



**TLD2326EL**

Cypress Semiconductor  
(Infineon Technologies)



NO PICTURE

**TLD2331-3EP**

Cypress Semiconductor  
(Infineon Technologies)



**TLD5045EJ**

Infineon Technologies  
TLD5045 - LITIX POWER - POWER LE

**TLD5045**

Cypress Semiconductor  
(Infineon Technologies)



NO PICTURE



**TLD2314**

Cypress Semiconductor  
(Infineon Technologies)

**TLD5095**

Cypress Semiconductor  
(Infineon Technologies)

**TLD2314EL**

Cypress Semiconductor  
(Infineon Technologies)

**TLD2310EL**

Cypress Semiconductor  
(Infineon Technologies)

**TLD2326**

INF

**TLD3395EK**

Cypress Semiconductor  
(Infineon Technologies)



**TLD5045EJXUMA1**

Infineon Technologies  
IC LED DRVR RGLTR PWM 700MA  
8DSO



**TLD2311EL**

Cypress Semiconductor  
(Infineon Technologies)



**TLD5095ELXUMA1**

Infineon Technologies  
IC LED DRIVER CTRLR PWM 14SSOP



**TLD2310ELXUMA1**

Infineon Technologies  
IC LED DRVR LINEAR 120MA 14SSOP



**TLD2314ELXUMA1**

Infineon Technologies  
IC LED DRVR LINEAR 120MA 14SSOP



**TLD2311ELXUMA1**

Infineon Technologies  
IC LED DRVR LINEAR 120MA 14SSOP

## 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

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Email

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### Certifications & Memberships



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