

Image may be representation.
See specifications for product details.



TLS810B1EJV50XUMA1

Manufacturer Part Number	TLS810B1EJV50XUMA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-TLS810B1EJV50XUMA1
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LIN 5V 100MA 8DSO E-PAD
Package	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Data sheet	TLS810B1xxV50.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TLS810B1EJV50XUMA1 - Infineon Technologies.New Original in Stock. Download Linear Technology TLS810B1EJV50XUMA1 datasheet/specifications on AllelcoElec.com. Request a quote for TLS810B1EJV50XUMA1, please send us email: info@allelco.com

Specifications

TLS810B1EJV50XUMA1 Tech Specifications
TLS810B1EJV50XUMA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Output Type	Fixed
Voltage Dropout (Max)	0.55V @ 100mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	5V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	42V	Mounting Type	Surface Mount
Supplier Device Package	PG-DSO-8	Current - Supply (Max)	11 µA
Series	Automotive, AEC-Q100, OPTIREG™	Current - Quiescent (Iq)	1 µA
Protection Features	Over Current, Over Temperature	Current - Output	100mA
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	TLS810
PSRR	55dB (100Hz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies TLS810B1EJV50XUMA1

Product Attribute				
Part Number	TLS810B1EJV50XUMA1	TLS820D0ELV50XUMA1	TLS810A1LDV50XUMA1	TLS805B1LDV50XUMA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Control Features	Enable	Delay, Enable, Reset, Watchdog	-	Enable
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	14-LSSOP (0.154", 3.90mm Width) Exposed Pad	10-TFDFN Exposed Pad	10-TFDFN Exposed Pad
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Regulators	1	1	1	1
Voltage - Output (Min/Fixed)	5V	5V	5V	5V
Voltage Dropout (Max)	0.55V @ 100mA	0.34V @ 200mA	0.55V @ 100mA	0.35V @ 50mA
Supplier Device Package	PG-DSO-8	PG-SSOP-14-5	PG-TSON-10	PG-TSON-10
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
PSRR	55dB (100Hz)	59dB (100Hz)	55dB (100Hz)	55dB (100Hz)
Series	Automotive, AEC-Q100, OPTIREG™	Automotive, AEC-Q100, OPTIREG™	Automotive, AEC-Q100, OPTIREG™	Automotive, AEC-Q100, OPTIREG™
Current - Supply (Max)	11 µA	80 µA	50 µA	12 µA
Current - Quiescent (Iq)	1 µA	5 µA	7.5 µA	8 µA
Output Type	Fixed	Fixed	Fixed	Fixed
Voltage - Input (Max)	42V	40V	42V	42V
Current - Output	100mA	200mA	100mA	50mA
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature	Over Current, Over Temperature
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Voltage - Output (Max)	-	-	-	-
Output Configuration	Positive	Positive	Positive	Positive
Base Product Number	TLS810	TLS820	TLS810	TLS805

TLS810B1EJV50XUMA1 Datasheet PDF

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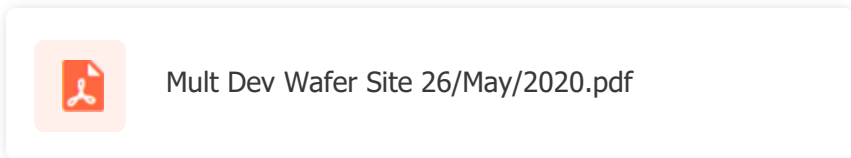
PCN Packaging

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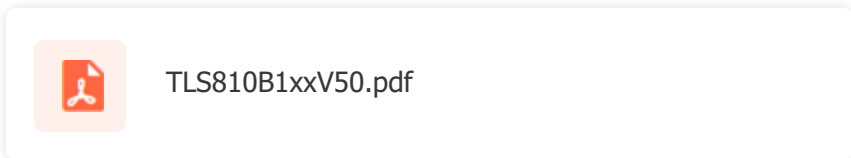
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Other Related Documents

[Orderable Part Number OPN Translation Table.pdf](#)



HTML Datasheet



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TLS805B1LDV	TLS810B1EJV33 INFINEONN	TLS850B0TEV33 Cypress Semiconductor (Infineon Technologies)	TLS805B1LDV33 Cypress Semiconductor (Infineon Technologies)	TLS820D0ELV50XUMA1 Infineon Technologies IC REG LINEAR 5V 200MA SSOP-14-5	TLS8202-U01 TLS
TLS810A1LDV50XUMA1 Infineon Technologies IC REG LINEAR 5V 100MA TSON-10	TLS805B1LDV50XUMA1 Infineon Technologies IC REG LINEAR 5V 50MA TSON-10	TLS810D1EJV33XUMA1 Infineon Technologies IC REG LIN 3.3V 100MA 8DSO E-PAD	TLS810D1EJV50 Cypress Semiconductor (Infineon Technologies)	TLS820F0ELV33 Cypress Semiconductor (Infineon Technologies)	TLS810B1LDV50 Cypress Semiconductor (Infineon Technologies)
TLS715B0EJV50XUMA1 Infineon Technologies IC REG LIN 5V 150MA 8DSO E-PAD	TLS710B0EJV50XUMA1 Infineon Technologies IC REG LIN 5V 100MA 8DSO E-PAD	TLS835B2ELVSEXUMA1 Infineon Technologies IC REG LIN POS PROG 350MA SSOP14	TLS810B1LDV33 Cypress Semiconductor (Infineon Technologies)	TLS810D1EJV50XUMA1 Infineon Technologies IC REG LIN 5V 100MA 8DSO E-PAD	TLS805B1LDV50 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 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
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Contact us if you have any questions.

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Certifications & Memberships



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