

Image may be representation.  
See specifications for product details.



## TLE7270-2D

Manufacturer Part Number	<b>TLE7270-2D</b>
Manufacturer	<b>Infineon Technologies</b>
Allelco Part Number	32D-TLE7270-2D
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR VOLT TLE7270
Package	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Data sheet	<b>TLE7270-2.pdf</b>

**Get a Quote**

TLE7270-2D - Infineon Technologies. New Original in Stock. Download Linear Technology TLE7270-2D datasheet/specifications on AllelcoElec.com.  
Request a quote for TLE7270-2D, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TLE7270-2D Tech Specifications

TLE7270-2D - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	PSRR	60dB (100Hz)
Voltage Dropout (Max)	0.5V @ 200mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	5V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Input (Max)	42V	Number of Regulators	1
Supplier Device Package	PG-TO252-5	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100	Current - Quiescent (Iq)	40 µA
Protection Features	Over Current, Over Temperature, Short Circuit	Current - Output	300mA
Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD	Control Features	Delay, Reset
Package	Bulk		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies TLE7270-2D

Product Attribute				
Part Number	TLE7270-2D	<b>TLE7272D</b>	<b>TLE72722EXUMA1</b>	<b>TLE7270D</b>
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD	TO-252-5, DPak (4 Leads + Tab), TO-252AD	14-LSSOP (0.154", 3.90mm Width) Exposed Pad	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Current - Quiescent (Iq)	40 µA	30 µA	30 µA	40 µA
Voltage - Input (Max)	42V	42V	42V	42V
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C	-40°C ~ 150°C	-40°C ~ 150°C (TJ)
Voltage Dropout (Max)	0.5V @ 200mA	0.5V @ 200mA	0.5V @ 200mA	0.5V @ 200mA
Supplier Device Package	PG-TO252-5	PG-TO252-5	PG-SSOP-14-EP	P-TO252-5-1
Output Type	Fixed	Fixed	Fixed	Fixed
PSRR	60dB (100Hz)	60dB (100Hz)	60dB (100Hz)	60dB (100Hz)
Number of Regulators	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Control Features	Delay, Reset	Inhibit, Reset	Enable, Reset	Delay, Reset
Voltage - Output (Max)	-	-	-	-
Voltage - Output (Min/Fixed)	5V	5V	5V	5V
Protection Features	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Short Circuit
Current - Output	300mA	300mA	300mA	300mA
Output Configuration	Positive	Positive	Positive	Positive
Series	Automotive, AEC-Q100	-	Automotive, AEC-Q100, OPTIREG™	-
Package	Bulk	Tape & Reel (TR)	Tape & Reel (TR)	Bulk

### TLE7270-2D Datasheet PDF

Download TLE7270-2D pdf datasheets and Infineon Technologies documentation for TLE7270-2D - Infineon Technologies.

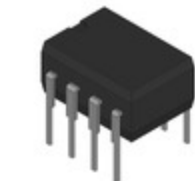
#### Datasheets

TLE7270-2.pdf

### Customers Also Interested in

#### Recommended Products



**TLE7272D**Infineon Technologies  
IC REG LINEAR 5V 300MA TO252-5**TLE7272G**Infineon Technologies  
IC REG LINEAR 5V 300MA TO263-5-1**TLE7268SK**Cypress Semiconductor  
(Infineon Technologies)**TLE7272EXUMA1**Infineon Technologies  
IC REG LIN 5V 300MA SSOP-14-EP**TLE7263E**Infineon Technologies  
IC INTERFACE SPECIALIZED DSO-36**TLE72593GEXUMA1**Infineon Technologies  
IC TRANSCEIVER 1/1 DSO-8**TLE7269G**Infineon Technologies  
TLE7269 - AUTOMOTIVE LIN  
TRANSCIE**TLE7272-2D**Cypress Semiconductor  
(Infineon Technologies)**TLE7270G**Cypress Semiconductor  
(Infineon Technologies)**TLE7268SKXUMA1**Infineon Technologies  
TRANSCEIVER**TLE7270-2G**Cypress Semiconductor  
(Infineon Technologies)**TLE7259G**Infineon Technologies  
IC TRANSCEIVER FULL 1/1 DSO-8**TLE7270D**Infineon Technologies  
IC REG LINEAR FIXED LDO REG**TLE72592GEXUMA4**Infineon Technologies  
IC TRANSCEIVER FULL 1/1 DSO-8**TLE72593GEXUMA3**Infineon Technologies  
IC TRANSCEIVER 1/1 DSO-8**TLE7270GNTMA1**Infineon Technologies  
IC REG LINEAR 5V 300MA TO263-5-1**TLE7272-2D 7272-2D**Cypress Semiconductor  
(Infineon Technologies)**TLE72593GE**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

Contact us if you have any questions.



Phone

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Email

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## Certifications & Memberships



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