

Image may be representation.  
See specifications for product details.



## TLE4471GAUMA1

Manufacturer Part Number	<b>TLE4471GAUMA1</b>
Manufacturer	<b>Infineon Technologies</b>
Allelco Part Number	32D-TLE4471GAUMA1
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR POS ADJ DSO20-12
Package	20-PowerSOIC (0.433", 11.00mm Width)
Data sheet	<b>TLE4471.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

TLE4471GAUMA1 - Infineon Technologies. New Original in Stock. Download Linear Technology TLE4471GAUMA1 datasheet/specifications on AllelcoElec.com.  
Request a quote for TLE4471GAUMA1, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TLE4471GAUMA1 Tech Specifications  
TLE4471GAUMA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	PSRR	30dB (20Hz ~ 20kHz), 30dB (20hz ~ 20kHz), 30dB (20Hz ~ 20kHz)
Voltage Dropout (Max)	0.55V @ 450mA, 0.6V @ 50mA, 0.6V @ 100mA	Output Type	Adjustable (Fixed)
Voltage - Output (Min/Fixed)	5V, Tracking	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 150°C
Voltage - Input (Max)	40V	Number of Regulators	3
Supplier Device Package	PG-DSO-20-12	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100, OPTIREG™	Current - Quiescent (Iq)	1.8 mA
Protection Features	Over Temperature, Over Voltage, Reverse Polarity, Short Circuit, Transient Voltage	Current - Output	450mA, 50mA, 100mA
Package / Case	20-PowerSOIC (0.433", 11.00mm Width)	Control Features	Enable, Reset, Watchdog
Package	Tape & Reel (TR)	Base Product Number	TLE4471

### Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies TLE4471GAUMA1

Product Attribute				
Part Number	TLE4471GAUMA1	TLE4473GV552AUMA1	TLE4476D	TLE4470G
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Package / Case	20-PowerSOIC (0.433", 11.00mm Width)	12-BSOP (0.295", 7.50mm Width) Exposed Pad	TO-252-5, DPak (4 Leads + Tab), TO-252AD	20-SOIC (0.295", 7.50mm Width)
Supplier Device Package	PG-DSO-20-12	PG-DSO-12-11	PG-TO252-5-11	PG-DSO-20-6
Voltage Dropout (Max)	0.55V @ 450mA, 0.6V @ 50mA, 0.6V @ 100mA	0.6V @ 100mA, 0.6V @ 200mA	-, 0.7V @ 330mA	0.5V @ 100mA, 0.6V @ 200mA
PSRR	30dB (20Hz ~ 20kHz), 30dB (20hz ~ 20kHz), 30dB (20Hz ~ 20kHz)	65dB (100Hz), 65dB (100Hz)	60dB (20Hz ~ 20kHz), 60dB (20Hz ~ 20kHz)	60dB (20Hz ~ 20kHz)
Base Product Number	TLE4471	TLE4473	TLE4476	TLE4470
Control Features	Enable, Reset, Watchdog	Inhibit, Reset, Watchdog	Enable	Enable, Reset
Operating Temperature	-40°C ~ 150°C	-40°C ~ 150°C (TJ)	-40°C ~ 170°C	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Output (Min/Fixed)	5V, Tracking	5V, Tracking	3.3V, 5V	5V, (5V), Tracking
Current - Output	450mA, 50mA, 100mA	190mA, 300mA	350mA, 430mA	180mA, 350mA
Output Type	Adjustable (Fixed)	Fixed	Fixed	Adjustable (Fixed)
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Output (Max)	-	-	-	20V
Current - Quiescent (Iq)	1.8 mA	220 µA	150 µA	500 µA
Series	Automotive, AEC-Q100, OPTIREG™	Automotive, AEC-Q100, OPTIREG™	Automotive, AEC-Q100, OPTIREG™	Automotive, AEC-Q100, OPTIREG™
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Input (Max)	40V	42V	42V	45V
Protection Features	Over Temperature, Over Voltage, Reverse Polarity, Short Circuit, Transient Voltage	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Over Voltage, Reverse Polarity, Short Circuit	Over Current, Over Temperature, Short Circuit
Number of Regulators	3	2	2	2

### TLE4471GAUMA1 Datasheet PDF

Download TLE4471GAUMA1 pdf datasheets and Infineon Technologies documentation for TLE4471GAUMA1 - Infineon Technologies.

#### Datasheets

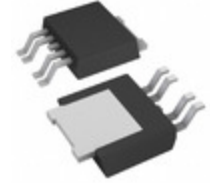
[TLE4471.pdf](#)

#### Other Related Documents

[Part Number Guide.pdf](#)



Mult Dev Label Chgs 11/Jan/2018.pdf

**Customers Also Interested in****Recommended Products****TLE431BC**  
Cypress Semiconductor  
(Infineon Technologies)**TLE4473GV552AUMA1**  
Infineon Technologies  
IC REG LIN 5V/TRACKING DSO12-11**TLE4473GV53**  
INF**TLE4473**  
Cypress Semiconductor  
(Infineon Technologies)**TLE4473G55-2**  
Cypress Semiconductor  
(Infineon Technologies)**TLE4473GV55**  
LNFINEON**TLE4476D**  
Infineon Technologies  
IC REG LINEAR 3.3V/5V TO252-5-11**TLE4353GS**  
Cypress Semiconductor  
(Infineon Technologies)**TLE4471G**  
Cypress Semiconductor  
(Infineon Technologies)**TLE4470G**  
Infineon Technologies  
IC REG LINEAR POS ADJ DSO20**TLE4417**  
Cypress Semiconductor  
(Infineon Technologies)**TLE4473G V55-2**  
Cypress Semiconductor  
(Infineon Technologies)**TLE4410**  
INEINFON**TLE4473GV52**  
Cypress Semiconductor  
(Infineon Technologies)**TLE4470GSXUMA1**  
Infineon Technologies  
IC REG LINEAR POS ADJ 14DSO**TLE4470**  
Cypress Semiconductor  
(Infineon Technologies)**TLE4470GS**  
Infineon Technologies  
IC REG LINEAR FIXED POS LDO REG**TLE4420**  
Texas Instruments**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  
ManagementCost-Saving  
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Contact us if you have any questions.



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