

Image may be representation.
See specifications for product details.



TLE4476DATMA1

| | |
|--------------------------|------------------------------------------|
| Manufacturer Part Number | TLE4476DATMA1 |
| Manufacturer | Infineon Technologies |
| Allelco Part Number | 32D-TLE4476DATMA1 |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | IC REG LINEAR 3.3V/5V TO252-5-11 |
| Package | TO-252-5, DPak (4 Leads + Tab), TO-252AD |
| Data sheet | Cylindrical Battery Holders.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

TLE4476DATMA1 - Infineon Technologies. New Original in Stock. Download Linear Technology TLE4476DATMA1 datasheet/specifications on AllelcoElec.com.
Request a quote for TLE4476DATMA1, please send us email: info@allelco.com

Specifications

TLE4476DATMA1 Tech Specifications

TLE4476DATMA1 - Infineon Technologies technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|------------------------------|-------------------------------------------------------------------------------|--------------------------|-----------------|
| Manufacturer | Infineon Technologies | Output Type | Fixed |
| Voltage Dropout (Max) | -, 0.7V @ 330mA | Output Configuration | Positive |
| Voltage - Output (Min/Fixed) | 3.3V, 5V | Operating Temperature | -40°C ~ 170°C |
| Voltage - Output (Max) | - | Number of Regulators | 2 |
| Voltage - Input (Max) | 42V | Mounting Type | Surface Mount |
| Supplier Device Package | PG-TO252-5-11 | Current - Supply (Max) | 13 mA |
| Series | Automotive, AEC-Q100, OPTIREG™ | Current - Quiescent (Iq) | 150 µA |
| Protection Features | Over Current, Over Temperature, Over Voltage, Reverse Polarity, Short Circuit | Current - Output | 350mA, 430mA |
| Package / Case | TO-252-5, DPak (4 Leads + Tab), TO-252AD | Control Features | Enable |
| Package | Tape & Reel (TR) | Base Product Number | TLE4476 |
| PSRR | 60dB (20Hz ~ 20kHz), 60dB (20Hz ~ 20kHz) | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies TLE4476DATMA1

| Product Attribute | | | | |
|------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------|
| Part Number | TLE4476DATMA1 | TLE4678EL | TLE4476D | TLE4473GV552AUMA1 |
| Manufacturer | Infineon Technologies | Infineon Technologies | Infineon Technologies | Infineon Technologies |
| Base Product Number | TLE4476 | TLE4678 | TLE4476 | TLE4473 |
| Protection Features | Over Current, Over Temperature, Over Voltage, Reverse Polarity, Short Circuit | Over Current, Over Temperature, Reverse Polarity, Short Circuit | Over Current, Over Temperature, Over Voltage, Reverse Polarity, Short Circuit | Over Current, Over Temperature, Short Circuit |
| Voltage Dropout (Max) | -, 0.7V @ 330mA | 0.35V @ 150mA | -, 0.7V @ 330mA | 0.6V @ 100mA, 0.6V @ 200mA |
| Current - Output | 350mA, 430mA | 200mA | 350mA, 430mA | 190mA, 300mA |
| Control Features | Enable | Reset, Watchdog | Enable | Inhibit, Reset, Watchdog |
| Voltage - Output (Min/Fixed) | 3.3V, 5V | 5V | 3.3V, 5V | 5V, Tracking |
| Operating Temperature | -40°C ~ 170°C | -40°C ~ 150°C | -40°C ~ 170°C | -40°C ~ 150°C (TJ) |
| Current - Supply (Max) | 13 mA | 8 mA | 13 mA | 20 mA |
| Package / Case | 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 | 12-BSOP (0.295", 7.50mm Width) Exposed Pad |
| Voltage - Output (Max) | - | - | - | - |
| Package | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) |
| Series | Automotive, AEC-Q100, OPTIREG™ | Automotive, AEC-Q100, OPTIREG™ | Automotive, AEC-Q100, OPTIREG™ | Automotive, AEC-Q100, OPTIREG™ |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Number of Regulators | 2 | 1 | 2 | 2 |
| Current - Quiescent (Iq) | 150 µA | 80 µA | 150 µA | 220 µA |
| Output Type | Fixed | Fixed | Fixed | Fixed |
| Supplier Device Package | PG-TO252-5-11 | PG-SSOP-14-EP | PG-TO252-5-11 | PG-DSO-12-11 |
| Output Configuration | Positive | Positive | Positive | Positive |
| PSRR | 60dB (20Hz ~ 20kHz), 60dB (20Hz ~ 20kHz) | 65dB (100Hz) | 60dB (20Hz ~ 20kHz), 60dB (20Hz ~ 20kHz) | 65dB (100Hz), 65dB (100Hz) |
| Voltage - Input (Max) | 42V | 45V | 42V | 42V |

TLE4476DATMA1 Datasheet PDF

Download TLE4476DATMA1 pdf datasheets and Infineon Technologies documentation for TLE4476DATMA1 - Infineon Technologies.

Datasheets

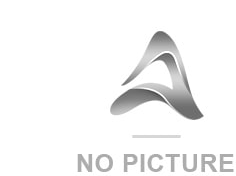
Cylindrical Battery Holders.pdf

Other Related Documents

PCN Packaging

Customers Also Interested in

Recommended Products



TLE4473GV53
INF



TLE4476
Cypress Semiconductor
(Infineon Technologies)



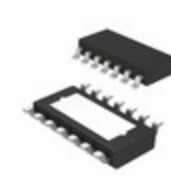
TLE4473GV55-2
LNFINEON



TLE4501D
Cypress Semiconductor
(Infineon Technologies)



TLE4473G V55-2
Cypress Semiconductor
(Infineon Technologies)



TLE4678EL
Infineon Technologies
IC REG LIN 5V 200MA SSOP-14-EP



TLE4699GM
Cypress Semiconductor
(Infineon Technologies)



TLE4473G55-2
Cypress Semiconductor
(Infineon Technologies)



TLE4473GV55
LNFINEON



TLE4601
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TLE4675G
Cypress Semiconductor
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TLE4473GV52
Cypress Semiconductor
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TLE4473
Cypress Semiconductor
(Infineon Technologies)



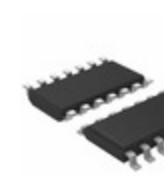
TLE4675D
Cypress Semiconductor
(Infineon Technologies)



TLE4476D
Infineon Technologies
IC REG LINEAR 3.3V/5V TO252-5-11



TLE4473GV552AUMA1
Infineon Technologies
IC REG LIN 5V/TRACKING DSO12-11



TLE4678GM
Infineon Technologies
IC REG LINEAR 5V 200MA DSO14



TLE4484G
Infineon Technologies
IC REG LINEAR 5V/15V SOT223-4

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.

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Certifications & Memberships



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