



Image may be representation.
See specifications for product details.



TL494CDG

Manufacturer Part Number	TL494CDG
Manufacturer	onsemi
Allelco Part Number	32D-TL494CDG
ECAD Model	Request Free CAD Models
Parts Description	IC REG CTRLR BCK/PSH-PULL 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

TL494CDG - onsemi.New Original in Stock. Download Linear Technology TL494CDG datasheet/specifications on AllelcoElec.com.
Request a quote for TL494CDG, please send us email: info@allelco.com

Specifications

TL494CDG Tech Specifications

TL494CDG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Configuration	Positive
Voltage - Supply (Vcc/Vdd)	7V ~ 40V	Operating Temperature	0°C ~ 70°C (TA)
Topology	Buck, Push-Pull	Number of Outputs	2
Synchronous Rectifier	Yes	Mounting Type	Surface Mount
Supplier Device Package	16-SOIC	Function	Step-Down, Step-Up/Step-Down
Series	SWITCHMODE™	Frequency - Switching	200kHz
Serial Interfaces	-	Duty Cycle (Max)	48%
Package / Case	16-SOIC (0.154", 3.90mm Width)	Control Features	Dead Time Control, Frequency Control
Package	Tube	Clock Sync	No
Output Type	Transistor Driver	Base Product Number	TL494
Output Phases	1		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi TL494CDG

Product Attribute				
Part Number	TL494CDG	TL494CN	TL494CNG	TL494CDR
Manufacturer	onsemi	Texas Instruments	onsemi	Texas Instruments
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Voltage - Supply (Vcc/Vdd)	7V ~ 40V	7V ~ 40V	7V ~ 40V	7V ~ 40V
Package	Tube	Tube	Tube	Tape & Reel (TR)
Base Product Number	TL494	TL494	TL494	TL494
Topology	Buck, Push-Pull	Buck, Boost, Flyback, Forward Converter, Full-Bridge, Half-Bridge, Push-Pull	Buck, Push-Pull	Buck, Boost, Flyback, Forward Converter, Full-Bridge, Half-Bridge, Push-Pull
Output Configuration	Positive	Positive	Positive	Positive
Number of Outputs	2	2	2	2
Control Features	Dead Time Control, Frequency Control	Dead Time Control, Frequency Control	Dead Time Control, Frequency Control	Dead Time Control, Frequency Control
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-DIP (0.300", 7.62mm)	16-DIP (0.300", 7.62mm)	16-SOIC (0.154", 3.90mm Width)
Duty Cycle (Max)	48%	45%	48%	45%
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Series	SWITCHMODE™	-	SWITCHMODE™	-
Function	Step-Down, Step-Up/Step-Down	Step-Up, Step-Down, Step-Up/Step-Down	Step-Down, Step-Up/Step-Down	Step-Up, Step-Down, Step-Up/Step-Down
Clock Sync	No	No	No	No
Synchronous Rectifier	Yes	No	Yes	No
Output Phases	1	1	1	1
Frequency - Switching	200kHz	1kHz ~ 300kHz	200kHz	1kHz ~ 300kHz
Serial Interfaces	-	-	-	-
Supplier Device Package	16-SOIC	16-PDIP	16-PDIP	16-SOIC

TL494CDG Datasheet PDF

Download TL494CDG pdf datasheets and onsemi documentation for TL494CDG - onsemi.

Datasheets

Cylindrical Battery Holders.pdf

Environmental Information

onsemi RoHS.pdf

onsemi REACH.pdf

PCN Obsolescence/ EOL

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products



TL494CN

Texas Instruments
IC REG CTRLR MULT TOPOLOGY
16DIP



TL494CNG

onsemi
IC REG CTRLR BCK/PUSH-PULL
16DIP



TL494C

Texas Instruments



TL494CDR

Texas Instruments
IC REG CTRLR MULT TOP 16SOIC



TL494AJ

Texas Instruments



TL494CDRG4

Texas Instruments
IC REG CTRLR MULT TOP 16SOIC



TL494CN

onsemi
IC REG CTRLR BCK/PUSH-PULL
16DIP



TL494CNE4

Texas Instruments
40V, 0.2A 300KHZ PWM
CONTROLLER



TL494BDR2G

onsemi
IC REG CTRLR BCK/PSH-PULL
16SOIC



TL494CDG4

Texas Instruments
IC REG CTRLR MULT TOP 16SOIC



TL4941

Texas Instruments



TL4949CDG



TL4941N

Texas Instruments



TL494CDR2G

onsemi
IC REG CTRLR BCK/PSH-PULL
16SOIC



TL494CD

Texas Instruments
IC REG CTRLR MULT TOP 16SOIC



TL494CDRE4

Texas Instruments
IC REG CTRLR MULT TOP 16SOIC



TL494CD

onsemi
IC REG CTRLR BCK/PSH-PULL
16SOIC



TL494CDBR

Texas Instruments
IC REG CTRLR MULT TOP 16SSOP

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
+00852 9146 4856



Email
info@allelco.com

Certifications & Memberships



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com