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See specifications for product details.



NCP59800BMNADJTAG

Manufacturer Part Number	NCP59800BMNADJTAG
Manufacturer	onsemi
Allelco Part Number	32D-NCP59800BMNADJTAG
ECAD Model	3D Model
Parts Description	IC REG LINEAR POS ADJ 1A 8DFN
Package	8-VDFN Exposed Pad
Data sheet	NCP59800.pdf
	NCP59800.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP59800BMNADJTAG - onsemi.New Original in Stock. Download Linear Technology NCP59800BMNADJTAG datasheet/specifications on AllelcoElec.com.
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Specifications

NCP59800BMNADJTAG Tech Specifications
NCP59800BMNADJTAG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Type	Adjustable
Voltage Dropout (Max)	0.5V @ 1A	Output Configuration	Positive
Voltage - Output (Min/Fixed)	0.8V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Output (Max)	5V	Number of Regulators	1
Voltage - Input (Max)	6V	Mounting Type	Surface Mount
Supplier Device Package	8-DFN (3x3)	Current - Supply (Max)	450 µA
Series	Automotive, AEC-Q100	Current - Quiescent (Iq)	100 µA
Protection Features	Over Current, Over Temperature, Under Voltage Lockout (UVLO)	Current - Output	1A
Package / Case	8-VDFN Exposed Pad	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	NCP59800
PSRR	77dB ~ 27dB (100Hz ~ 1MHz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP59800BMNADJTAG

Product Attribute				
Part Number	NCP59800BMNADJTAG	NCP600SN280T1G	NCP59800BMNADJTBG	NCP59744MN1ADJTBG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Supplier Device Package	8-DFN (3x3)	5-TSOP	8-DFN (3x3)	10-DFN (3x3)
Base Product Number	NCP59800	NCP600	NCP59800	NCP59744
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C (TJ)
Current - Output	1A	150mA	1A	3A
Current - Quiescent (Iq)	100 µA	175 µA	450 µA	-
Voltage Dropout (Max)	0.5V @ 1A	-	0.5V @ 1A	0.16V @ 3A
PSRR	77dB ~ 27dB (100Hz ~ 1MHz)	62dB ~ 38dB (120Hz ~ 10kHz)	77dB ~ 27dB (100Hz ~ 1MHz)	72dB ~ 50dB (1kHz ~ 1MHz)
Output Type	Adjustable	Fixed	Adjustable	Adjustable
Voltage - Output (Max)	5V	-	6V	3.6V
Number of Regulators	1	1	1	1
Current - Supply (Max)	450 µA	-	-	-
Control Features	Enable	-	Enable	Enable, Power Good, Soft Start
Output Configuration	Positive	Positive	Positive	Positive
Series	Automotive, AEC-Q100	-	-	-
Voltage - Output (Min/Fixed)	0.8V	2.8V	0.8V	0.8V
Voltage - Input (Max)	6V	6V	6V	5.5V
Protection Features	Over Current, Over Temperature, Under Voltage Lockout (UVLO)	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Package / Case	8-VDFN Exposed Pad	SOT-23-5 Thin, TSOT-23-5	8-VDFN Exposed Pad	10-VDFN Exposed Pad
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

NCP59800BMNADJTAG Datasheet PDF

Download NCP59800BMNADJTAG pdf datasheets and onsemi documentation for NCP59800BMNADJTAG - onsemi.

Datasheets

[NCP59800.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Assembly/Origin




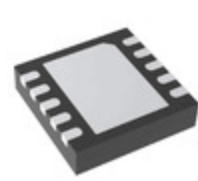
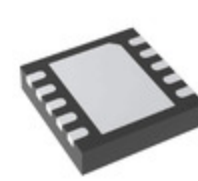

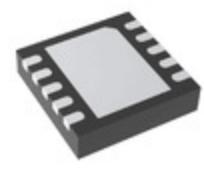











 Assembly Site Expansion 25/Jan/2022.pdf

HTML Datasheet

 NCP59800.pdf

Customers Also Interested in

Recommended Products

					
NCP6002-I/SN Micrel / Microchip Technology	NCP600SN280T1G onsemi IC REG LINEAR 2.8V 150MA 5TSOP	NCP59800BMNADJTBG onsemi IC REG LINEAR POS ADJ 1A 8DFN	NCP59744MN1ADJTBG onsemi IC REG LINEAR POS ADJ 3A 10DFN	NCP59763AMN080TBG onsemi LINEAR VOLTAGE REGULATOR (LDO),	NCP600SN150T1G onsemi IC REG LINEAR 1.5V 150MA 5TSOP
					
NCP59748MN1ADJTBG onsemi IC REG LINEAR POS ADJ 1.5A 10DFN	NCP600SN330T1G onsemi IC REG LINEAR 3.3V 150MA 5TSOP	NCP600SN180T1G onsemi IC REG LINEAR 1.8V 150MA 5TSOP	NCP600SN250T1G onsemi IC REG LINEAR 2.5V 150MA 5TSOP	NCP59744MN2ADJTBG onsemi IC REG LINEAR POS ADJ 3A 20QFN	NCP59744 AMI Semiconductor/onsemi
					
NCP59749MN2ADJTBG onsemi IC REG LINEAR POS ADJ 3A 20QFN	NCP600SN300T1G onsemi IC REG LINEAR 3V 150MA 5TSOP	NCP600SN350T1G onsemi IC REG LINEAR 3.5V 150MA 5TSOP	NCP59748MN2ADJTBG onsemi IC REG LINEAR POS ADJ 1.5A 20QFN	NCP600SN130T1G onsemi IC REG LINEAR 1.3V 150MA 5TSOP	NCP59302DSADJR4G onsemi IC REG LINEAR POS ADJ 3A D2PAK-5

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.



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