



Product Index > Integrated Circuits (ICs) > Power Management (PMIC) >
Voltage Regulators - Linear, Low Drop Out (LDO) Regulators > onsemi NCP1117IST33T3G

Dark Mode ☐



Image shown is a representation only. Exact specifications should be obtained from the product data sheet.

NCP1117IST33T3G

DigiKey Part Number

488-NCP1117IST33T3GTR-ND - Tape & Reel (TR)
488-NCP1117IST33T3GCT-ND - Cut Tape (CT)
488-NCP1117IST33T3GDKR-ND - Digi-Reel®



Manufacturer

onsemi



Manufacturer Product Number

NCP1117IST33T3G



Description

IC REG LINEAR 3.3V 1A SOT-223



Manufacturer Standard Lead Time

9 Weeks

Customer Reference

Detailed Description

Linear Voltage Regulator IC Positive Fixed 1 Output 1A SOT-223



Datasheet



Datasheet

EDA/CAD Models

NCP1117IST33T3G Models

In-Stock: 14,430

Check for Additional Incoming Stock

QUANTITY

Add to Cart

Add to List

All prices are in NZD

Cut Tape (CT) & Digi-Reel®

QUANTITY	UNIT PRICE	EXT PRICE
1	\$0.83000	\$0.83
10	\$0.58900	\$5.89
25	\$0.52680	\$13.17
100	\$0.45700	\$45.70
250	\$0.42380	\$105.95
500	\$0.40376	\$201.88
1,000	\$0.38723	\$387.23

* All Digi-Reel orders will add a \$10.00 reeling fee.

Tape & Reel (TR)

QUANTITY	UNIT PRICE	EXT PRICE
4,000	\$0.36244	\$1,449.76
8,000	\$0.35323	\$2,825.84
12,000	\$0.34862	\$4,183.44
20,000	\$0.34351	\$6,870.20
28,000	\$0.34052	\$9,534.56
40,000	\$0.33765	\$13,506.00



Manufacturers Standard Package

Unit Price without GST: \$0.83000

Unit Price with GST:

\$0.95450

Product Attributes

TYPE	DESCRIPTION	SELECT ALL <input type="checkbox"/>
Category	Integrated Circuits (ICs)	<input type="radio"/>
	Power Management (PMIC)	<input type="radio"/>
	Voltage Regulators - Linear, Low Drop Out (LDO) Regulators	<input checked="" type="radio"/>
Mfr	onsemi	<input type="checkbox"/>
Series	-	<input type="checkbox"/>
Packaging	Tape & Reel (TR)	<input type="checkbox"/>
	Cut Tape (CT)	<input type="checkbox"/>
	Digi-Reel®	<input type="checkbox"/>
Part Status	Active	<input type="checkbox"/>
Output Configuration	Positive	<input type="checkbox"/>
Output Type	Fixed	<input type="checkbox"/>
Number of Regulators	1	<input type="checkbox"/>
Voltage - Input (Max)	20V	<input type="checkbox"/>
Voltage - Output (Min/Fixed)	3.3V	<input type="checkbox"/>
Voltage - Output (Max)	-	<input type="checkbox"/>
Voltage Dropout (Max)	1.2V @ 800mA	<input type="checkbox"/>
Current - Output	1A	<input type="checkbox"/>
Current - Quiescent (Iq)	10 mA	<input type="checkbox"/>
PSRR	64dB (120Hz)	<input type="checkbox"/>
Control Features	-	<input type="checkbox"/>
Protection Features	Over Current, Over Temperature	<input type="checkbox"/>
Operating Temperature	-40°C ~ 125°C (TA)	<input type="checkbox"/>
Grade	Automotive	<input type="checkbox"/>
Qualification	AEC-Q100	<input type="checkbox"/>
Mounting Type	Surface Mount	<input type="checkbox"/>
Package / Case	TO-261-4, TO-261AA	<input type="checkbox"/>
Supplier Device Package	SOT-223	<input type="checkbox"/>

Base Product Number

NCP1117

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Documents & Media

RESOURCE TYPE	LINK
Datasheets	NCP,NCV1117
Environmental Information	onsemi RoHS onsemi REACH
EDA Models	NCP1117IST33T3G Models

Environmental & Export Classifications

ATTRIBUTE	DESCRIPTION
RoHS Status	ROHS3 Compliant
Moisture Sensitivity Level (MSL)	1 (Unlimited)
REACH Status	REACH Unaffected
ECCN	EAR99
HTSUS	8542.39.0090

Product Questions and Answers

See what engineers are asking, ask your own questions, or help out a member of the DigiKey engineering community

See all Questions and Answers


Ask a Product Question

Additional Resources

ATTRIBUTE	DESCRIPTION
Other Names	488-NCP1117IST33T3GDKR 488-NCP1117IST33T3GCT 488-NCP1117IST33T3GTR
Manufacturer Standard Package	4,000

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10 Items




ABM8-272-T3

CRYSTAL 12.0000MHZ 10PF SMD

Abracon LLC

\$1.20000

Details



SC0914(13)

IC MCU 32BIT EXT MEM 56QF

Raspberry Pi

\$1.27000

Details

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