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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 卪 **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

<sup>\*</sup> 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

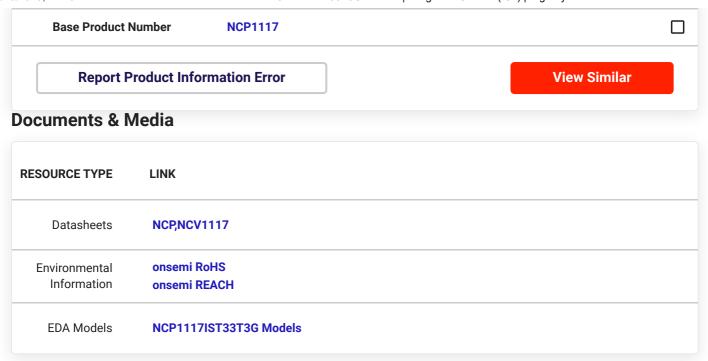
#### Manufacturers Standard Package

Unit Price without GST:

Unit Price with GST: \$0.95450 ②

### **Product Attributes**

ТҮРЕ	DESCRIPTION	SELECT ALL	
Category	Integrated Circuits (ICs) Power Management (PMIC) Voltage Regulators - Linear, Low Drop Out (LDO) Regulators		000
Mfr	onsemi		
Series	-		
Packaging	Tape & Reel (TR) ② Cut Tape (CT) ② Digi-Reel® ②		
Part Status	Active		
Output Configuration	Positive		
Output Type	Fixed		
Number of Regulators	1		
Voltage - Input (Max)	20V		
Voltage - Output (Min/Fixed)	3.3V		
Voltage - Output (Max)	-		
Voltage Dropout (Max)	1.2V @ 800mA		
Current - Output	1A		
Current - Quiescent (Iq)	10 mA		
PSRR	64dB (120Hz)		
Control Features	-		
Protection Features	Over Current, Over Temperature		
Operating Temperature	-40°C ~ 125°C (TA)		
Grade	Automotive		
Qualification	AEC-Q100		
Mounting Type	Surface Mount		
Package / Case	TO-261-4, TO-261AA		
Supplier Device Package	SOT-223		



## **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	
	488-NCP1117IST33T3GDKR	
Other Names	488-NCP1117IST33T3GCT	
	488-NCP1117IST33T3GTR	
Manufacturer		
Standard Package	4,000 ②	

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