

**AMI Semiconductor / ON**

## NCP500SN18T1G

Part Number: **NCP500SN18T1G**  
 Manufacturer/Brand: **AMI Semiconductor / ON Semiconductor**  
 Product description: **IC REG LINEAR 1.8V 150MA 5TSOP**  
 Datasheets: [NCP500SN18T1G.pdf](#)  
 RoHS Status: **Lead free / RoHS Compliant**  
 Ship From: **Hong Kong**  
 Shipment Way: **DHL/Fedex/TNT/UPS/EMS**

### Semiconductor

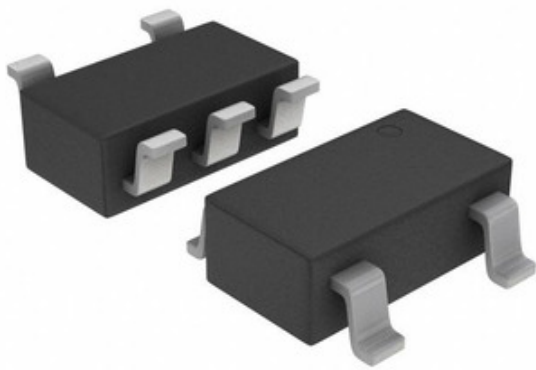


Image may be representation. See specifications for product details.

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### Specifications of NCP500SN18T1G

PART NUMBER	NCP500SN18T1G
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	IC REG LINEAR 1.8V 150MA 5TSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">NCP500SN18T1G.pdf</a>
VOLTAGE DROPOUT (MAX)	0.35V @ 150mA
VOLTAGE - OUTPUT (MIN/FIXED)	1.8V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MAX)	6V
SUPPLIER DEVICE PACKAGE	5-TSOP
SERIES	-
PROTECTION FEATURES	Over Current, Over Temperature
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	SOT-23-5 Thin, TSOT-23-5
PSRR	62dB (1kHz)
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
OTHER NAMES	NCP500SN18T1GOS NCP500SN18T1GOS-ND NCP500SN18T1GOSTR
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF REGULATORS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 150mA 5-TSOP
CURRENT - SUPPLY (MAX)	300µA
CURRENT - QUIESCENT (IQ)	1µA
CURRENT - OUTPUT	150mA
CONTROL FEATURES	Enable
BASE PART NUMBER	NCP500

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### Related Products

<p><b>NCP5008DMR2</b>                  Manufacturers: <b>AMI Semiconductor / ON Semiconductor</b>                  Description: <b>IC LED DRIVER RGLTR 75MA 10MICRO</b>                  In stock: <b>Out stock</b></p> <p><a href="#">RFQ</a></p>	<p><b>NCP500SN18T1</b>                  Manufacturers: <b>AMI Semiconductor / ON Semiconductor</b>                  Description: <b>IC REG LINEAR 1.8V 150MA 5TSOP</b>                  In stock: <b>Out stock</b></p> <p><a href="#">RFQ</a></p>
<p><b>NCP500SN25T1</b>                  Manufacturers: <b>AMI Semiconductor / ON Semiconductor</b>                  Description: <b>IC REG LINEAR 2.5V 150MA 5TSOP</b>                  In stock: <b>Out stock</b></p> <p><a href="#">RFQ</a></p>	<p><b>NCP500SN26T1</b>                  Manufacturers: <b>AMI Semiconductor / ON Semiconductor</b>                  Description: <b>IC REG LINEAR 2.6V 150MA 5TSOP</b>                  In stock: <b>Out stock</b></p> <p><a href="#">RFQ</a></p>
<p><b>NCP5008DMR2G</b>                  Manufacturers: <b>AMI Semiconductor / ON Semiconductor</b>                  Description: <b>IC LED DRIVER RGLTR 75MA 10MICRO</b>                  In stock: <b>Out stock</b></p> <p><a href="#">RFQ</a></p>	<p><b>NCP500SN185T1G</b>                  Manufacturers: <b>AMI Semiconductor / ON Semiconductor</b>                  Description: <b>IC REG LINEAR 1.85V 150MA 5TSOP</b>                  In stock: <b>Out stock</b></p> <p><a href="#">RFQ</a></p>
<p><b>NCP5009DMR2</b>                  Manufacturers: <b>AMI Semiconductor / ON Semiconductor</b>                  Description: <b>IC LED DRIVER RGLTR 75MA 10MICRO</b>                  In stock: <b>Out stock</b></p> <p><a href="#">RFQ</a></p>	<p><b>NCP500SN27T1</b>                  Manufacturers: <b>AMI Semiconductor / ON Semiconductor</b>                  Description: <b>IC REG LINEAR 2.7V 150MA 5TSOP</b>                  In stock: <b>Out stock</b></p> <p><a href="#">RFQ</a></p>
<p><b>NCP500SN27T1G</b>                  Manufacturers: <b>AMI Semiconductor / ON Semiconductor</b>                  Description: <b>IC REG LINEAR 2.7V 150MA 5TSOP</b>                  In stock: <b>Out stock</b></p> <p><a href="#">RFQ</a></p>	<p><b>NCP500SN26T1G</b>                  Manufacturers: <b>AMI Semiconductor / ON Semiconductor</b>                  Description: <b>IC REG LINEAR 2.6V 150MA 5TSOP</b>                  In stock: <b>Out stock</b></p> <p><a href="#">RFQ</a></p>
<p><b>NCP500SN185T1</b>                  Manufacturers: <b>AMI Semiconductor / ON Semiconductor</b>                  Description: <b>IC REG LINEAR 1.85V 150MA 5TSOP</b>                  In stock: <b>Out stock</b></p> <p><a href="#">RFQ</a></p>	<p><b>NCP500SN25T1G</b>                  Manufacturers: <b>AMI Semiconductor / ON Semiconductor</b>                  Description: <b>IC REG LINEAR 2.5V 150MA 5TSOP</b>                  In stock: <b>Out stock</b></p> <p><a href="#">RFQ</a></p>

