

## NCV8161BMX250TBG



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**Part Number:** [NCV8161BMX250TBG](#)  
**Manufacturer:** [AMI Semiconductor / ON Semiconductor](#)  
**Description:** IC REG LINEAR 2.5V 450MA XDFN4  
**Data sheet:** [PDF](#) [NCV8161](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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### PRODUCT PARAMETER

<b>Part Number</b>	NCV8161BMX250TBG	<b>Manufacturer</b>	<a href="#">AMI Semiconductor / ON Semiconductor</a>
<b>Description</b>	IC REG LINEAR 2.5V 450MA XDFN4	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	438423 pcs	<b>Data sheet</b>	<a href="#">NCV8161</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage Dropout (Max)</b>	-
<b>Voltage - Output (Min/Fixed)</b>	2.5V	<b>Voltage - Output (Max)</b>	-
<b>Voltage - Input (Max)</b>	5.5V	<b>Supplier Device Package</b>	4-XDFN (1x1)
<b>Series</b>	Automotive, AEC-Q100	<b>Protection Features</b>	Over Current, Over Temperature
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	4-XDFN Exposed Pad
<b>PSRR</b>	91dB ~ 48dB (100Hz ~ 100kHz)	<b>Output Type</b>	Fixed
<b>Output Configuration</b>	Positive	<b>Operating Temperature</b>	-40°C ~ 125°C (TA)
<b>Number of Regulators</b>	1	<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)	<b>Manufacturer Standard Lead Time</b>	4 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Detailed Description</b>	Linear Voltage Regulator IC Positive Fixed 1 Output 2.5V 450mA 4-XDFN (1x1)
<b>Current - Quiescent (Iq)</b>	23µA	<b>Current - Output</b>	450mA
<b>Control Features</b>	Enable		

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">NCV8161AMX290TBG</a> <b>Description:</b> IC REG LINEAR 2.9V 450MA 4XDFN	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8161BSN280T1G</a> <b>Description:</b> IC REG LINEAR 2.8V 450MA 5TSOP	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8163AMX180TBG</a> <b>Description:</b> IC REG LINEAR 1.8V 250MA 4XDFN	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8161BMX300TBG</a> <b>Description:</b> IC REG LINEAR 3V 450MA XDFN4	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8161BSN180T1G</a> <b>Description:</b> IC REG LINEAR 1.8V 450MA 5TSOP	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8161AMX280TBG</a> <b>Description:</b> IC REG LINEAR 2.8V 450MA 4XDFN	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8161AMX330TBG</a> <b>Description:</b> IC REG LINEAR 3.3V 450MA 4XDFN	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8161BSN300T1G</a> <b>Description:</b> IC REG LINEAR 3V 450MA 5TSOP	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8161ASN330T1G</a> <b>Description:</b> IC REG LINEAR 3.3V 450MA 5TSOP	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8163AMX120TBG</a> <b>Description:</b> IC REG LINEAR 1.2V 250MA 4XDFN	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8161ASN300T1G</a> <b>Description:</b> IC REG LINEAR 3V 450MA 5TSOP	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">NCV8161BMX180TBG</a> <b>Description:</b> IC REG LINEAR 1.8V 450MA XDFN4	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8161BSN330T1G</a> <b>Description:</b> IC REG LINEAR 3.3V 450MA 5TSOP	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8161AMX250TBG</a> <b>Description:</b> IC REG LINEAR 2.5V 450MA XDFN4	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8161AMX300TBG</a> <b>Description:</b> IC REG LINEAR 3V 450MA XDFN4	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8161ASN280T1G</a> <b>Description:</b> IC REG LINEAR 2.8V 450MA 5TSOP	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8161ASN180T1G</a> <b>Description:</b> IC REG LINEAR 1.8V 450MA 5TSOP	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8161BMX330TBG</a> <b>Description:</b> IC REG LINEAR 3.3V 450MA XDFN4	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">NCV8163AMX150TBG</a> <b>Description:</b> IC REG LINEAR 1.5V 250MA 4XDFN	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>

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