

NCV8161BSN180T1G



ON Semiconductor®

Part Number: [NCV8161BSN180T1G](#)

Manufacturer: [AMI Semiconductor / ON Semiconductor](#)

Description: IC REG LINEAR 1.8V 450mA 5TSOP

Data sheet:  [NCV8161](#)

RoHs Status: Lead free / RoHS Compliant

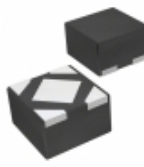
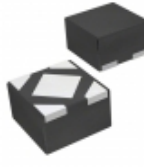
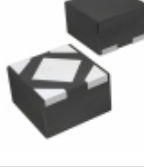
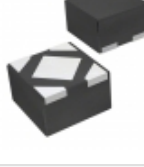
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PRODUCT PARAMETER			
Part Number	NCV8161BSN180T1G	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC REG LINEAR 1.8V 450mA 5TSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	266164 pcs	Data sheet	NCV8161
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.48V @ 450mA
Voltage - Output (Min/Fixed)	1.8V	Voltage - Output (Max)	-
Voltage - Input (Max)	5.5V	Supplier Device Package	5-TSOP
Series	Automotive, AEC-Q100	Protection Features	Over Current, Over Temperature
Packaging	Original-Reel®	Package / Case	SOT-23-5 Thin, TSOT-23-5
PSRR	91dB ~ 48dB (100Hz ~ 100kHz)	Output Type	Fixed
Output Configuration	Positive	Other Names	NCV8161BSN180T1GOSDKR
Operating Temperature	-40°C ~ 125°C (TA)	Number of Regulators	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	25 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC 1 Output 450mA 5-TSOP	Current - Quiescent (Iq)	23µA
Current - Output	450mA	Control Features	Enable
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	Part#: NCV8161BSN300T1G Description: IC REG LINEAR 3V 450mA 5TSOP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NCV8163AMX300TBG Description: IC REG LINEAR 3V 250mA 4XDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8161BMX280TBG Description: IC REG LINEAR 2.8V 450mA XDFN4	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8161BSN330T1G Description: IC REG LINEAR 3.3V 450mA 5TSOP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8161ASN330T1G Description: IC REG LINEAR 3.3V 450mA 5TSOP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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