

NCP1421DMR2



ON Semiconductor®

Part Number: [NCP1421DMR2](#)

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

Description: IC REG BST ADJ 1.5A SYNC 8MICRO

Data sheet:  [NCP1421](#)

RoHs Status: Contains lead / RoHS non-compliant

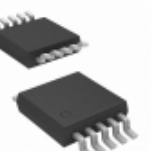
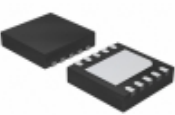
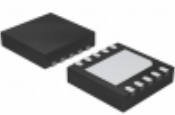
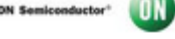
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Request For Quotation

PRODUCT PARAMETER			
Part Number	NCP1421DMR2	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC REG BST ADJ 1.5A SYNC 8MICRO	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5901 pcs	Data sheet	NCP1421
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1.5V
Voltage - Output (Max)	5V	Voltage - Input (Min)	1V
Voltage - Input (Max)	5V	Topology	Boost
Synchronous Rectifier	Yes	Supplier Device Package	Micro8™
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Output Type	Adjustable
Output Configuration	Positive	Other Names	NCP1421DMR2OSTR
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Function	Step-Up
Frequency - Switching	1.2MHz	Detailed Description	Boost Switching Regulator IC Positive Adjustable 1.5V 1 Output 1.5A (Switch) 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Current - Output	1.5A (Switch)	Base Part Number	NCP1421
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RELATED PRODUCTS			
	Part#: NCP1410DMR2 Description: IC REG BOOST ADJ 1A SYNC 8MICRO	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP1423DMR2G Description: IC REG BST ADJ 1.2A SYNC MICRO10	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP140BMXC330TCG Description: IC REG LINEAR 150 MA CAP FREE V	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP1421LEDEVB Description: EVAL BOARD FOR NCP1421LED	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP1422MNR2G Description: IC REG BOOST ADJ 1.5A SYNC 10DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP1417DMR2 Description: IC REG BOOST ADJ 1A SYNC 8MICRO	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP1423DMR2 Description: IC REG BST ADJ 1.2A SYNC 10MSOP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP1411DMR2G Description: IC REG BOOST ADJ 1A SYNC 8MICRO	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP140AMXD300TCG Description: IC REG LINEAR 3V 150MA 4XDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP140AMXD330TCG Description: IC REG LINEAR 3.3V 150MA 4XDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NCP1421DMR2G Description: IC REG BST ADJ 1.5A SYNC 8MICRO	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP1411DMR2 Description: IC REG BOOST ADJ 1A SYNC 8MICRO	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP1422MNR2 Description: IC REG BOOST ADJ 1.5A SYNC 10DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP140BMXD330TCG Description: IC REG LINEAR 150 MA CAP FREE V	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP1410DMR2G Description: IC REG BOOST ADJ 1A SYNC 8MICRO	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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