

NCP3170ADR2G



Part Number: [NCP3170ADR2G](#)

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

Description: IC REG BUCK ADJ 3A SYNC 8SOIC

Data sheet:  [NCP3170](#)

RoHs Status: Lead free / RoHS Compliant

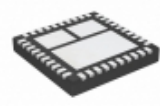
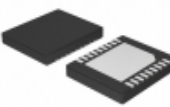
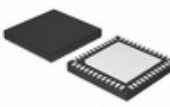
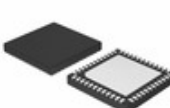
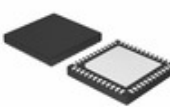
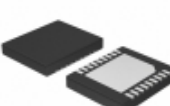
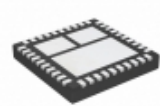
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Request For Quotation

PRODUCT PARAMETER			
Part Number	NCP3170ADR2G	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC REG BUCK ADJ 3A SYNC 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	188968 pcs	Data sheet	NCP3170
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	17.28V	Voltage - Input (Min)	4.5V
Voltage - Input (Max)	18V	Topology	Buck
Synchronous Rectifier	Both	Supplier Device Package	8-SOIC
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Type	Adjustable
Output Configuration	Positive	Other Names	NCP3170ADR2G-ND NCP3170ADR2GOSTR
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	45 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	500kHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 3A 8-SOIC (0.154", 3.90mm Width)	Current - Output	3A
Base Part Number	NCP3170		
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RELATED PRODUCTS			
	Part#: NCP3170BDR2G Description: IC REG BUCK ADJ 3A SYNC 8SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP3230MNTXG Description: IC REG BUCK ADJ 30A 40QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP3163BPWR2G Description: IC REG BUCK BOOST INV ADJ 16SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP3170AGEVB Description: BOARD EVALUATION NCP3170ADR2G	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP3163PWG Description: IC REG BUCK BOOST INV ADJ 16SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP3163MNR2G Description: IC REG BUCK BOOST INV ADJ DFN18	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP3163INVGEVB Description: EVAL BOARD FOR NCP3163INV	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP3218GMNR2G Description: IC CTRL CPU SYNC BUCK 7BIT 48QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP3163PWR2G Description: IC REG BUCK BOOST INV ADJ 16SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NCP3155BDR2G Description: IC REG BUCK ADJ 3A SYNC 8SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP3170BGEVB Description: BOARD EVAL NCP3170 SYNC PWM REG	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP3163BUCKGEVB Description: BOARD EVAL NCP3163 DC-DC CONV	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP3218AMNR2G Description: IC CTRL BUCK 7BIT 3PHASE 48QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP317TG Description: IC REG LIN POS ADJ 500MA TO220AB	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP3163BMNR2G Description: IC REG BUCK BOOST INV ADJ DFN18	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP3163BUCKEVB Description: BOARD EVAL NCP3163 BUCK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP317BTG Description: IC REG LIN POS ADJ 500MA TO220AB	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP3231AMNTXG Description: IC REG BUCK ADJ 25A SYNC 40QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ

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