

NCP81081MNR2G



ON Semiconductor®



Part Number:

NCP81081MNR2G

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

IC DRIVER/MOSFET 40-QFN

Data sheet:

 [NCP81081](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

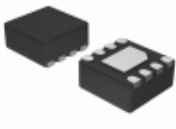
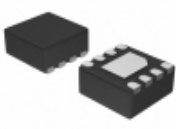
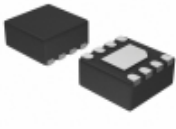
Shipment Way:

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Request For Quotation

PRODUCT PARAMETER			
Part Number	NCP81081MNR2G	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC DRIVER/MOSFET 40-QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5249 pcs	Data sheet	NCP81081
Category	Integrated Circuits (ICs)	Voltage - Supply	4.5 V ~ 5.5 V
Voltage - Load	4.5 V ~ 25 V	Technology	Power MOSFET
Supplier Device Package	40-QFN (6x6)	Series	-
Rds On (Typ)	-	Packaging	Tape & Reel (TR)
Package / Case	40-VFQFN Exposed Pad	Output Configuration	Half Bridge
Operating Temperature	0°C ~ 150°C (TJ)	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Load Type	Inductive
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	PWM
Features	Bootstrap Circuit, Status Flag	Fault Protection	Over Temperature, UVLO
Detailed Description	Half Bridge Driver Synchronous Buck Converters Power MOSFET 40-QFN (6x6)	Current - Peak Output	50A
Current - Output / Channel	35A	Base Part Number	NCP81081
Applications	Synchronous Buck Converters		
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RELATED PRODUCTS			
	Part#: NCP81103AMNTXG Description: INTEGRATED CIRCUIT	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81074AMNTBG Description: IC MOSFET DVR 1CH 10A 8DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81075DR2G Description: HIGH PERFORMANCE DUAL MOS	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81072MNTXG Description: IC MOSFET DVR HIGH SPEED QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81101BMNTWG Description: IC REG BUCK CTLR 1PH 28QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81075MNTXG Description: HIGH PERFORMANCE DUAL MOS	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NCP81075MTTXG Description: HIGH PERFORMANCE DUAL MOS	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NCP81102MNTXG Description: IC REG BUCK CTLR 32QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81103MNTXG Description: IC REG BUCK CTLR 36QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81101MNTWG Description: IC REG BUCK CTLR 1PH 28QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81080DR2G Description: LOW-COST HIGH VOLTAGE DUA	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81102MNTWG Description: IC REG BUCK CTLR 32QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81081MNTWG Description: IC DRIVER/MOSFET 40-QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81103BMNTXG Description: IC REG BUCK CTLR 36QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ

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