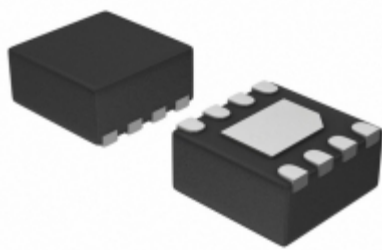


NCP81253MNTBG



ON Semiconductor®

Part Number: [NCP81253MNTBG](#)

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

Description: IC MOSFET DVR SYNC BUCK 8DFN

Data sheet:  [NCP81253](#)

RoHs Status: Lead free / RoHS Compliant

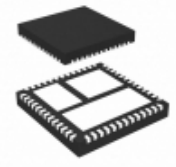
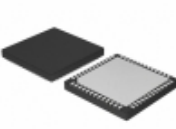
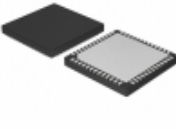
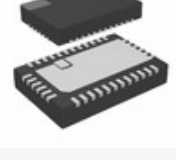
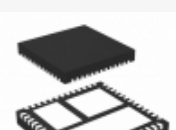
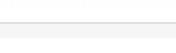
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	NCP81253MNTBG	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC MOSFET DVR SYNC BUCK 8DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	144166 pcs	Data sheet	NCP81253
Category	Integrated Circuits (ICs)	Voltage - Supply	4.5 V ~ 5.5 V
Supplier Device Package	8-DFN (2x2)	Series	-
Rise / Fall Time (Typ)	16ns, 11ns	Packaging	Cut Tape (CT)
Package / Case	8-VDFDN Exposed Pad	Other Names	NCP81253MNTBGOSCT
Operating Temperature	-40°C ~ 150°C (TJ)	Number of Drivers	2
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	13 Weeks	Logic Voltage - VIL, VIH	0.7V, 3.4V
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Non-Inverting
High Side Voltage - Max (Bootstrap)	35V	Gate Type	N-Channel MOSFET
Driven Configuration	Half-Bridge	Detailed Description	Half-Bridge Gate Driver IC Non-Inverting 8-DFN (2x2)
Current - Peak Output (Source, Sink)	-	Channel Type	Synchronous
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	Part#: NCP81248MNTXG Description: IC CONTROLLER MULTIPHASE 48QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81245MNTXG Description: IC CTRL INTEL IMVP8 52QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81243MNTXG Description: IC CTRL INTEL IMVP8 52QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81295MNTXG Description: HOT SWAP SMART FUSE	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81278TMNTXG Description: 2-PH SYNC BUCK CNTLR	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81381MNTXG Description: IC MOSFET DRIVER QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81258MNTBG Description: IC MOSFET DVR SYNC BUCK 8DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81253BMNTBG Description: IC MOSFET DVR SYNC BUCK 8DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NCP81252MNTXG Description: SINGLE-PHASE VOLTAGE RE	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81274MNTXG Description: IC SYNC BUCK CTRL 8PHASE 40QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81276MNTXG Description: IC SYNC BUCK CTRL 4PHASE 40QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81382MNTXG Description: IC MOSFET DRIVER QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81241MNTXG Description: IC CTRL 1PH W/SVID 28QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81250MNTXG Description: IND TEMP - SINGLE-PHASE	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81251MNTXG Description: SINGLE-PHASE VOLTAGE RE	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81246MNTXG Description: IC CTRL/CONV INTEL IMVP8 52QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP81278MNTXG Description: 4.5 TO 24V 2 PHASE CON	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ

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