

NCP5901BMNTBG



ON Semiconductor®



Part Number: [NCP5901BMNTBG](#)

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

Description: IC MOSFET DVR SYNC VR12 8-DFN

Data sheet:  [NCP5901B](#)

RoHs Status: Lead free / RoHS Compliant

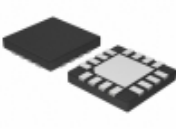
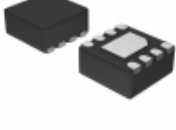
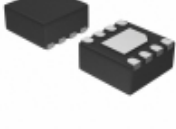
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PRODUCT PARAMETER			
Part Number	NCP5901BMNTBG	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC MOSFET DVR SYNC VR12 8-DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	377491 pcs	Data sheet	NCP5901B
Category	Integrated Circuits (ICs)	Voltage - Supply	4.5 V ~ 13.2 V
Supplier Device Package	8-DFN (2x2)	Series	-
Rise / Fall Time (Typ)	16ns, 11ns	Packaging	Tape & Reel (TR)
Package / Case	8-VDFDN Exposed Pad	Other Names	NCP5901BMNTBG-ND NCP5901BMNTBGOSTR
Operating Temperature	0°C ~ 150°C (TJ)	Number of Drivers	2
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	4 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
Base Part Number	NCP5901		
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	Part#: NCP590MN5ATAGEVB Description: BOARD DEMO 1.2V X 1.5V LDO REG	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP585LSN12T1 Description: IC REG LINEAR 1.2V 300MA SOT23-5	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP585LSN09T1 Description: IC REG LINEAR 0.9V 300MA SOT23-5	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NCP585LSN18T1 Description: IC REG LINEAR 1.8V 300MA SOT23-5	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP5890MUTXG Description: IC LED DRIVER RGLTR 25MA 16UQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP590MN5DTAG Description: IC REG LINEAR 1.2V/1.8V 8DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP590MN5DTAGEVB Description: BOARD DEMO 1.2V X 1.8V LDO REG	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP5901DR2G Description: IC MOSFET DVR SYNC VR12 8-SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP585LSN18T1G Description: IC REG LINEAR 1.8V 300MA SOT23-5	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP590MN5ATAG Description: IC REG LINEAR 1.2V/1.5V 8DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP590MNADR2G Description: IC REG LINEAR 1.5V/1.8V 8DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP5901BDR2G Description: IC MOSFET DVR SYNC VR12 8-SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP5901EMNTBG Description: IC MOSFET DVR SYNC VR12 8-SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP5901GMNTBG Description: IC MOSFET DVR SYNC VR12 8-DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP5901BEMNTBG Description: IC MOSFET DVR SYNC VR12 8-SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP590MNDPR2G Description: IC REG LINEAR 1.8V/2.8V 8DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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