

NCV5183DR2G



ON Semiconductor®

Part Number: [NCV5183DR2G](#)

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

Description: IC DRIVER HI/LO 600V 8SOIC

Data sheet:  [NCP5183, NCV5183](#)

RoHs Status: Lead free / RoHS Compliant

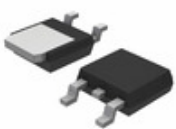
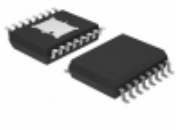
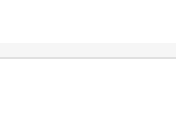
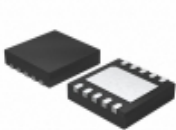
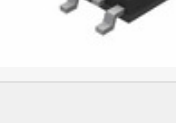
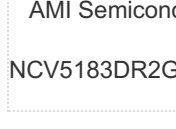
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	NCV5183DR2G	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC DRIVER HI/LO 600V 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	90415 pcs	Data sheet	NCP5183, NCV5183
Category	Integrated Circuits (ICs)	Voltage - Supply	9 V ~ 18 V
Supplier Device Package	8-SOIC	Series	Automotive, AEC-Q100
Rise / Fall Time (Typ)	12ns, 12ns	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Other Names	NCV5183DR2GOSTR
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Drivers	2
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	26 Weeks	Logic Voltage - VIL, VIH	1.2V, 2.5V
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Non-Inverting
High Side Voltage - Max (Bootstrap)	600V	Gate Type	N-Channel MOSFET
Driven Configuration	Half-Bridge	Detailed Description	Half-Bridge Gate Driver IC Non-Inverting 8-SOIC
Current - Peak Output (Source, Sink)	4.3A, 4.3A	Channel Type	Independent
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RELATED PRODUCTS			
	Part#: NCV5501DT15RKG Description: IC REG LINEAR 1.5V 500MA DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV51411PWR2 Description: IC REG BUCK ADJ 1.5A 16SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV5500DT50RKG Description: IC REG LINEAR 5V 500MA DPAK-5	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV5500DT33RKG Description: IC REG LINEAR 3.3V 500MA DPAK-5	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV51411DR2G Description: IC REG BUCK ADJ 1.5A 8SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV51411MNR2G Description: IC REG BUCK ADJ 1.5A 18DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV51510MNTAG Description: IC REG DDR TERM 3A 10DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV5173EDR2G Description: IC REG MULT CONFIG INV ADJ 8SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV5500DT15RKG Description: IC REG LINEAR 1.5V 500MA DPAK-5	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV5500DADJR2G Description: IC REG LIN POS ADJ 500MA 8SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV53480MN1R2G-C Description: IC RF TXRX ISM<1GHZ 32-VFQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV51460SN33T1G Description: IC REG LINEAR 3.3V 20MA SOT23-3	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV5501DT33G Description: IC REG LINEAR 3.3V 500MA DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV51510MWTAG Description: IC REG DDR TERM 3A 10DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV5171EDR2G Description: IC REG MULT CONFIG INV ADJ 8SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV5230DR2G Description: IC OPAMP GP 600KHZ RRO 8SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV51511PDR2G Description: HIGH SIDE AND LOW SIDE GA	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV51411PWR2G Description: IC REG BUCK ADJ 1.5A 16SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NCV5501DT15G Description: IC REG LINEAR 1.5V 500MA DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ

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