

NCV3843BVDR2



Part Number: [NCV3843BVDR2](#)

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

Description: IC REG CTRLR FLYBACK 14SOIC

Data sheet:  [NCV3843BV](#)

RoHs Status: Contains lead / RoHS non-compliant

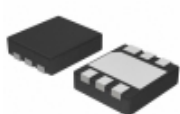
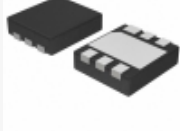
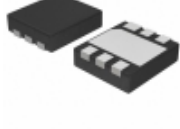
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PRODUCT PARAMETER			
Part Number	NCV3843BVDR2	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC REG CTRLR FLYBACK 14SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	151846 pcs	Data sheet	NCV3843BV
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	7.6 V ~ 30 V
Topology	Flyback	Synchronous Rectifier	No
Supplier Device Package	14-SOIC	Series	Automotive, AEC-Q100
Serial Interfaces	-	Packaging	Tape & Reel (TR)
Package / Case	14-SOIC (0.154", 3.90mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive, Isolation Capable
Other Names	NCV3843BVDR2OS	Operating Temperature	-40°C ~ 125°C (TJ)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Function	Step-Up/Step-Down
Frequency - Switching	500kHz	Duty Cycle (Max)	96%
Detailed Description	Flyback Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 14-SOIC	Control Features	Frequency Control
Clock Sync	No	Base Part Number	NCV3843
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RELATED PRODUCTS			
	Part#: NCV380LMUAJAATBG Description: IC PWR MNGT SWITCH 6UDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV4250-2CSNT1G Description: IC REG LINEAR POS ADJ 50MA 5TSOP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV360SNT1G Description: IC REG OVLO 20V 5TSOP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV360SNAET1G Description: IC REG OVLO 20V 5TSOP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV4263-2CPD50R2G Description: IC REG LINEAR 5V 200MA 14SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV4264-2D33R2G Description: IC REG LINEAR 3.3V 100MA 8SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV4264-2ST33T3G Description: IC REG LINEAR 3.3V 100MA SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV361SNT1G Description: IC REG OVLO 20V 5TSOP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV4264-2CST50T3G Description: IC REG LINEAR 5V 100MA SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NCV391SN2T1G Description: IC COMPARATOR LP 5TSOP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV34074VDR2G Description: IC OP AMP QUAD 14SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV4263-2CD250R2G Description: IC REG LINEAR 5V 200MA 14SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV360SNAFT1G Description: IC REG OVLO 20V 5TSOP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV333ASQ3T2G Description: PRECISION OP-AMP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV3843BVDR2G Description: IC REG CTRLR FLYBACK 14SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV380HMUAJAATBG Description: IC PWR MNGT SWITCH 6UDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV380LMU15AATBG Description: IC PWR MNGT SWITCH 6UDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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