

LM311DG



ON Semiconductor®

Part Number: [LM311DG](#)

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

Description: IC COMPARATOR SGL 36VDC 8-SOIC

Data sheet:  [LM211, LM311](#)

RoHs Status: Lead free / RoHS Compliant

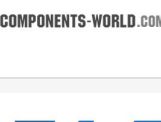
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PRODUCT PARAMETER			
Part Number	LM311DG	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC COMPARATOR SGL 36VDC 8-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	335499 pcs	Data sheet	LM211, LM311
Category	Integrated Circuits (ICs)	Voltage - Supply, Single/Dual (±)	5 V ~ 30 V, ±2.5 V ~ 15 V
Voltage - Input Offset (Max)	7.5mV @ ±15V	Type	General Purpose
Supplier Device Package	8-SOIC	Series	-
Propagation Delay (Max)	-	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Type	DTL, MOS, Open-Collector, Open-Emitter, RTL, TTL
Other Names	LM311DG-ND LM311DGOS	Operating Temperature	0°C ~ 70°C
Number of Elements	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	2 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Hysteresis	-
Detailed Description	Comparator General Purpose DTL, MOS, Open-Collector, Open-Emitter, RTL, TTL 8-SOIC	Current - Quiescent (Max)	7.5mA
Current - Output (Typ)	-	Current - Input Bias (Max)	0.25µA @ ±15V
CMRR, PSRR (Typ)	-	Base Part Number	LM311
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RELATED PRODUCTS			
	Part#: LM311H/NOPB Description: IC VOLTAGE COMPARATOR TO-99-8	Manufacturers: N/A	RFQ
	Part#: LM311DRE4 Description: IC DIFF COMPARATOR STROBE 8-SOIC	Manufacturers: N/A	RFQ
	Part#: LM3103EVAL Description: BOARD EVALUATION LM3103	Manufacturers: N/A	RFQ
	Part#: LM311DT Description: IC VOLTAGE COMPARATOR 8-SOIC	Manufacturers: STMicroelectronics	RFQ
	Part#: LM311M Description: IC COMPARATOR SINGLE 8-SOP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: LM3103MH/NOPB Description: IC REG BUCK ADJ 0.75A 16HTSSOP	Manufacturers: N/A	RFQ
	Part#: LM311DR2 Description: IC COMPARATOR SGL HI VOLT 8SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: LM311DE4 Description: IC DIFF COMPARATOR STROBE 8-SOIC	Manufacturers: N/A	RFQ
	Part#: LM3102TLX-1/NOPB Description: IC REG BUCK ADJ 2.5A SYNC 28VFA	Manufacturers: N/A	RFQ
	Part#: LM3102TL-1/NOPB Description: IC REG BUCK ADJ 2.5A SYNC 28USMD	Manufacturers: N/A	RFQ
	Part#: LM3102QMHX/NOPB Description: IC REG BCK ADJ 2.5A SYNC 20TSSOP	Manufacturers: N/A	RFQ
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	Part#: LM311DG4 Description: IC DIFF COMPARATOR STROBE 8-SOIC	Manufacturers: N/A	RFQ
	Part#: LM311DR Description: IC DIFF COMP STROBE 8-SOIC	Manufacturers: N/A	RFQ
	Part#: LM311-MWC Description: IC DIFF COMP W/STROBE WAFERSALE	Manufacturers: N/A	RFQ
	Part#: LM3103EVAL/NOPB Description: BOARD DEMO/REF DESIGN LM3103	Manufacturers: N/A	RFQ
	Part#: LM311D Description: IC DIFF COMP W/STROBE 8-SOIC	Manufacturers: N/A	RFQ
	Part#: LM3103MHX/NOPB Description: IC REG BUCK ADJ 0.75A 16HTSSOP	Manufacturers: N/A	RFQ

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