



STMicroelectronics



LM311N

Part Number:	LM311N
Manufacturer/Brand:	STMicroelectronics
Product description	IC VOLTAGE COMPARATOR 8-DIP
Datasheets:	 LM311N.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	922417 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

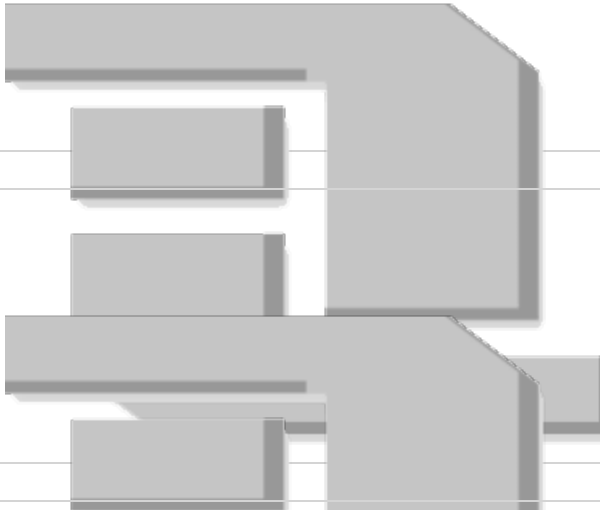
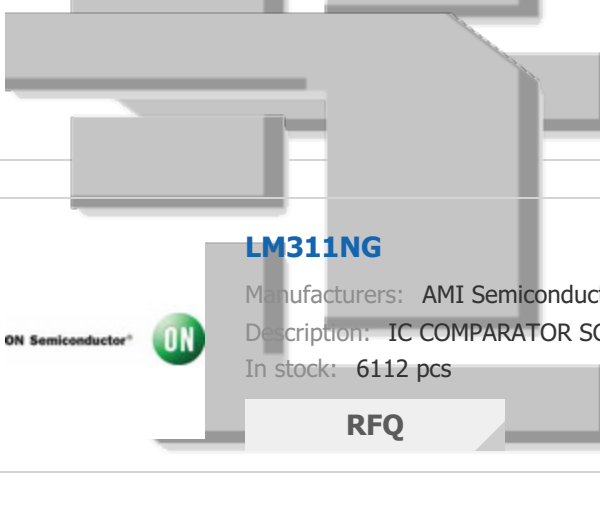
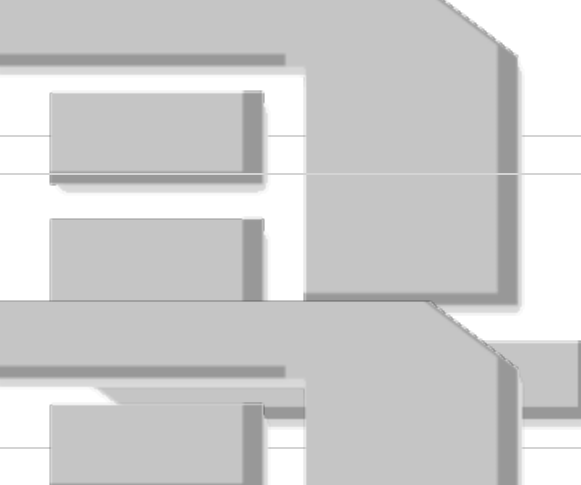
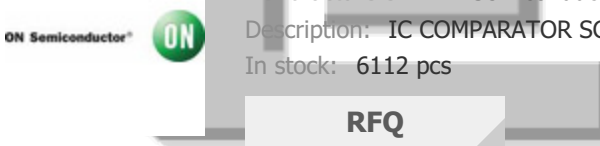
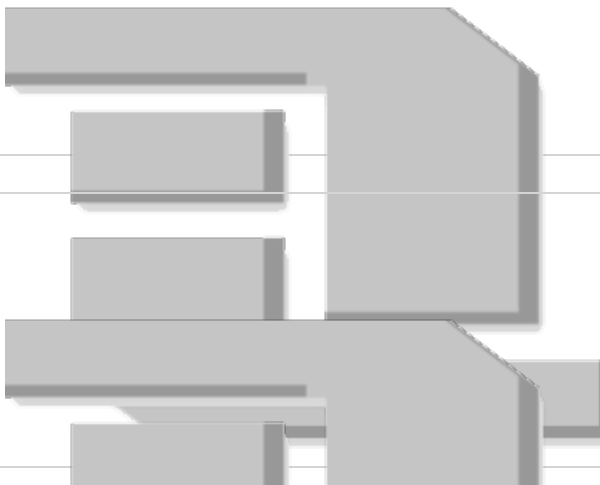
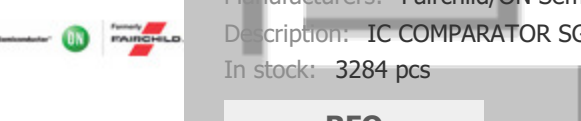
Specifications of LM311N

PART NUMBER	LM311N
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC VOLTAGE COMPARATOR 8-DIP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	922417 pcs
DATA SHEET	 LM311N.pdf
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-DIP
SERIES	-
PROPAGATION DELAY (MAX)	-
PACKAGING	Tube
PACKAGE / CASE	8-DIP (0.300", 7.62mm)
OUTPUT TYPE	DTL, MOS, Open-Collector, Open-Emitter, RTL, TTL
OTHER NAMES	497-1570-5
OPERATING TEMPERATURE	0°C ~ 70°C
NUMBER OF ELEMENTS	1
MOUNTING TYPE	Through Hole
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
HYSTERESIS	-
DETAILED DESCRIPTION	Comparator General Purpose DTL, MOS, Open-Collector, Open-Emitter, RTL, TTL 8-DIP
CURRENT - QUIESCENT (MAX)	7.5mA
CURRENT - OUTPUT (TYP)	50mA
CURRENT - INPUT BIAS (MAX)	0.25µA @ ±15V
CMRR, PSRR (TYP)	-
BASE PART NUMBER	LM311

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Related Products

	LM311M/NOPB Manufacturers: N/A Description: IC VOLTAGE COMPARATOR 8-SOIC In stock: 99551 pcs RFQ		LM311MX Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC COMPARATOR SINGLE 8-SOP In stock: 3201 pcs RFQ
	LM311N Manufacturers: N/A Description: IC VOLTAGE COMPARATOR 8-DIP In stock: 6630 pcs RFQ		LM311PG4 Manufacturers: N/A Description: IC DIFF COMPARATOR STROBE 8-DIP In stock: 357298 pcs RFQ
	LM311NG Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC COMPARATOR SGL HI VOLT 8DIP In stock: 6112 pcs RFQ		LM311P Manufacturers: N/A Description: IC DIFF COMP W/STROBE 8DIP In stock: 140215 pcs RFQ
	LM311N/NOPB Manufacturers: N/A Description: IC VOLTAGE COMPARATOR 8-DIP In stock: 102686 pcs RFQ		LM311M Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC COMPARATOR SINGLE 8-SOP In stock: 6686 pcs RFQ
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	LM311MX Manufacturers: N/A Description: IC VOLTAGE COMPARATOR 8-SOIC In stock: 147260 pcs RFQ		LM311N Manufacturers: Fairchild/ON Semiconductor Description: IC COMPARATOR SGL 0-70DEG 8-DIP In stock: 3284 pcs RFQ