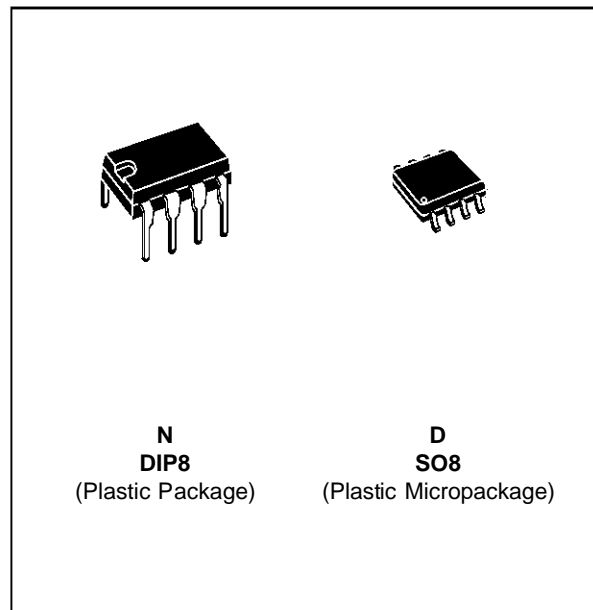


VOLTAGE COMPARATORS

- MAXIMUM INPUT CURRENT : 150nA
- MAXIMUM OFFSET CURRENT : 20nA
- DIFFERENTIAL INPUT VOLTAGE RANGE : $\pm 30V$
- POWER CONSUMPTION : 135mW AT $\pm 15V$
- SUPPLY VOLTAGE : +5V TO $\pm 15V$
- OUTPUT CURRENT : 50mA



DESCRIPTION

The LM111, LM211 and LM311 are voltage comparators that have low input currents.

They are also designed to operate over a wide range of supply voltages : from standard $\pm 15V$ operational amplifier supplies down to the single +5V supply used for IC logic.

Their output is compatible with RTL-DTL and TTL as well as MOS circuits and can switch voltages up to +50V at output currents as high as 50mA.

ORDER CODES

Part Number	Temperature Range	Package	
		N	D
LM111	-55, 125°C	•	•
LM211	-40, 105°C	•	•
LM311	0, 70°C	•	•

Example : LM311D

PIN CONNECTIONS (top view)

