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LAMPIRAN

Lampiran 1. IC LM311



LM111-LM211-LM311

Voltage comparator with strobe

Features

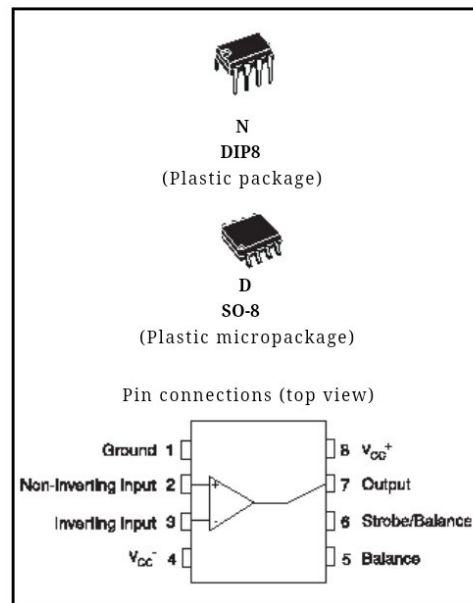
- Maximum input current: 150nA
- Maximum offset current: 20nA
- Differential input voltage range: $\pm 30V$
- Power consumption: 135mW at $\pm 15V$
- Supply voltage: +5V to $\pm 15V$
- Output current: 50mA

Description

The LM111, LM211, 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	Packing	Marking
LM211N	-40°C, +105°C	DIP8	Tube	LM211N
LM211D/DT		SO-8	Tube or tape & reel	211
LM311N	0°C, +70°C	DIP8	Tube	LM311
LM311D/DT		SO-8	Tube or Tape & reel	311