勝特力電材超市-龍山店 886-3-5773766 勝特力電材超市-光復店 886-3-5729570 胜特力电子(上海) 86-21-34970699 胜特力电子(深圳) 86-755-83298787 http://www.100y.com.tw



MC3303 MC3403 - MC3503

LOW POWER QUAD BIPOLAR OPERATIONAL AMPLIFIERS

- SHORT-CIRCUIT PROTECTED OUTPUTS
- CLASS AB OUTPUT STAGE FOR MINIMAL CROSSOVER DISTORTION
- SINGLE SUPPLY OPERATION: +3V TO +36V
- DUAL SUPPLIES: ±15V TO ±18V
- LOW INPUT BIAS CURRENT: 500nA MAX
- INTERNALLY COMPENSATED
- SIMILAR PERFORMANCE TO POPULAR **UA741**

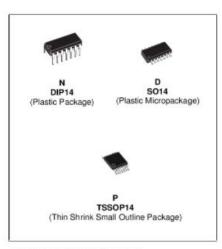
DESCRIPTION

The MC3403 is a low-cost, quad operational amplifier with true differential inputs. The device has electrical characteristics similar to the popular UA741. However the MC3403, has several dis-tinct advantages over standard operational amplifiers types in single supply applications. The quad amplifier can operate at supply voltage as low as 3 Volts or as high as 36 volts with quiescent currents about one third of those associated with the UA741 (on a per amplifier basis). The common-mode input range includes the negative supply, thereby eliminating the necessity for external biasing components in many applications.

ORDER CODE

Part Number	Temperature Range	Package		
		N	D	P
MC3303	-40°C, +105°C	•	•	•
MC3403	0℃, +70℃		•	•
MC3503	-55°C, +125°C		•	

N = Dual in Line Package (DIP)
D = Small Outline Package (SC) - also available in Tape & Reel (DT)
P = Thin Strink Small Outline Package (TSSCP) - only available in Tape & Reel (PT)



PIN CONNECTIONS (top view)

