

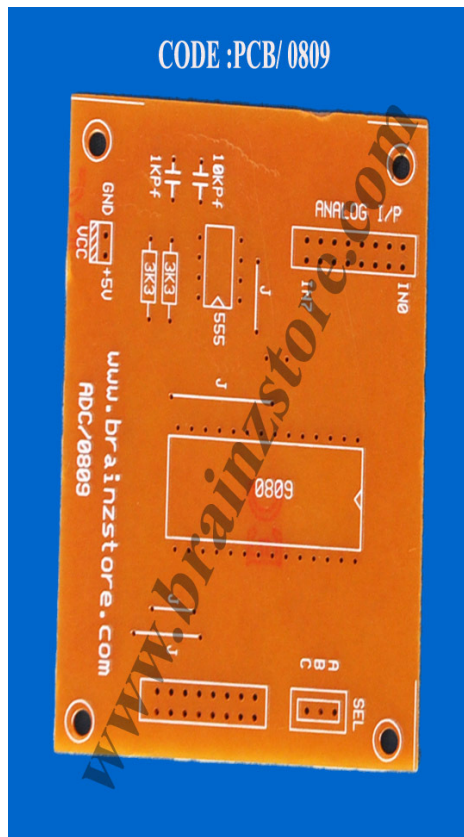
The ADC0809 are monolithic CMOS devices with an 8-channel multiplexer, an 8-bit analog-to-digital (A/D) converter, and microprocessor-compatible control logic. The 8-channel multiplexer can be controlled by a microprocessor through a 3-bit address decoder with address load to select any one of eight single-ended analog switches connected directly to the comparator. The 8-bit A/D converter uses the successive-approximation conversion

### Features

- Easy interface to all microprocessors and Microcontrollers
- Operates ratio metrically or with 5 VDC or analog span adjusted voltage reference
- No zero or full-scale adjust required
- 8-channel multiplexer with address logic
- 0V to 5V input range with single 5V power supply
- Outputs meet TTL voltage level specifications
- Standard hermetic or molded 28-pin DIP package
- 28-pin molded chip carrier package

### Dimension:

8 \* 7 cm



Channel selection			
A	B	C	Analog channel
0	0	0	IN0
1	0	0	IN1
0	1	0	IN2
1	1	0	IN3
0	0	1	IN4
1	0	1	IN5
0	1	1	IN6
1	1	1	IN7