

LINEAR BUILDING BLOCK – DUAL LOW POWER OP AMP

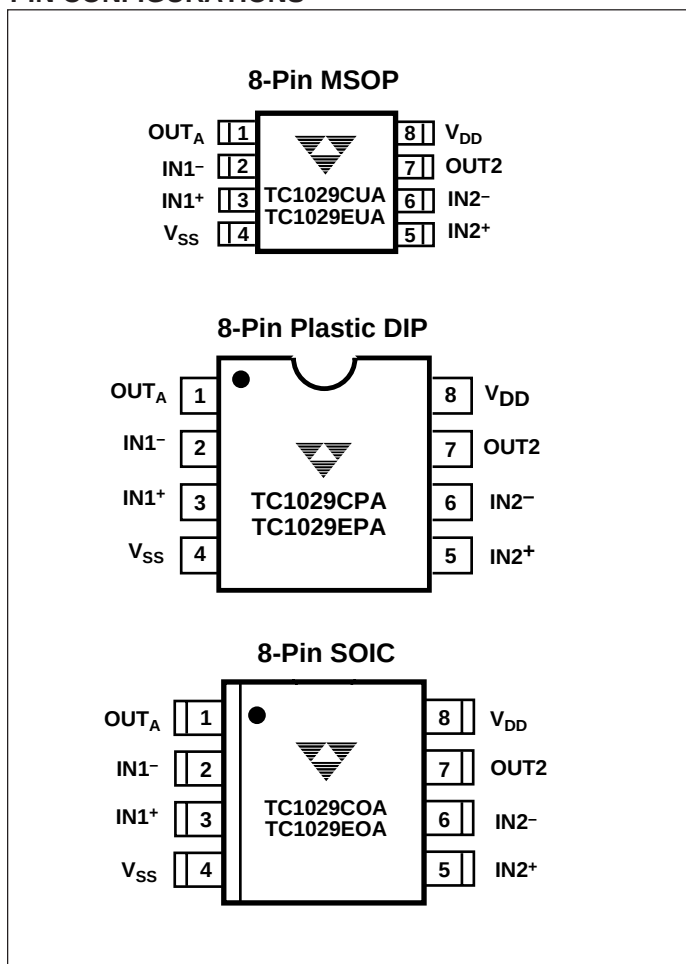
FEATURES

- Optimized for Single Supply Operation
- Small Package8-Pin MSOP
(Occupies Half the Space of an 8-Pin SOIC)
- Ultra Low Input Bias Current Less than 100pA
- Low Quiescent Current 10 μ A Max
- Operates Down to $V_{DD} = 1.8$ V

APPLICATIONS

- Power Supply Circuits
- Embedded Systems
- Instrumentation
- Portable Equipment
- Consumer Products

PIN CONFIGURATIONS



GENERAL DESCRIPTION

The TC1029 is a dual, low power operational amplifier designed for low power applications.

It is designed specifically for operation from a single supply, however, operation from dual supplies is also possible, and the power supply current drain is independent of the magnitude of the power supply voltage. Supply current is 8 μ A maximum and the TC1029 operates down to $V_{DD} = 1.8$ V.

Packaged in an 8-pin MSOP, SOIC, or DIP, the TC1029 is ideal for battery operated applications.

ORDERING INFORMATION

Part No.	Package	Temp. Range
TC1029COA	8-Pin SOIC	0°C to +70°C
TC1029CPA	8-Pin Plastic DIP	0°C to +70°C
TC1029CUA	8-Pin MSOP	0°C to +70°C
TC1029EOA	8-Pin SOIC	– 40°C to +85°C
TC1029EPA	8-Pin Plastic DIP	– 40°C to +85°C
TC1029EUA	8-Pin MSOP	– 40°C to +85°C
<i>TC43EV Evaluation Kit for Linear Building Block Family</i>		

FUNCTIONAL BLOCK DIAGRAM

