



TC1030

# LINEAR BUILDING BLOCK – QUAD LOW POWER OF AMP

#### **FEATURES**

- **■** Optimized for Single Supply Operation
- Small, 14-pin SOIC (Narrow) package
- Ultra Low Input Bias Current ..... Less than 100pA
- Low Quiescent Current ...... 12µA max
- Operates Down to V<sub>DD</sub> = 1.8V

## **APPLICATIONS**

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

#### ORDERING INFORMATION

Package	Temp. Range
14-Pin SOIC (Narrow)	0°C to +70°C
14-Pin Plastic DIP	0°C to +70°C
16-Pin QSOP	0°C to +70°C
14-Pin SOIC (Narrow)	– 40°C to +85°C
14-Pin Plastic DIP	– 40°C to +85°C
Evaluation Kit for Linear	
Building Block Family	
	14-Pin SOIC (Narrow) 14-Pin Plastic DIP 16-Pin QSOP 14-Pin SOIC (Narrow) 14-Pin Plastic DIP  Evaluation Kit for Linear

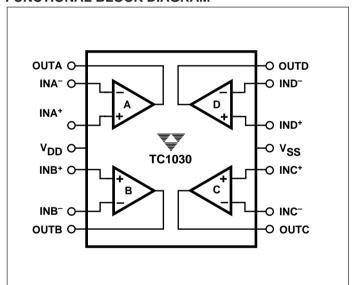
### **GENERAL DESCRIPTION**

The TC1030 is a quad, 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 12 $\mu$ A maximum and the TC1030 operates down to V<sub>DD</sub> = 1.8 V.

Packaged in a 14-pin narrow (0.150"W) SOIC or DIP, the TC1030 is ideal for battery operated applications.

#### **FUNCTIONAL BLOCK DIAGRAM**



# Pin configuration

