

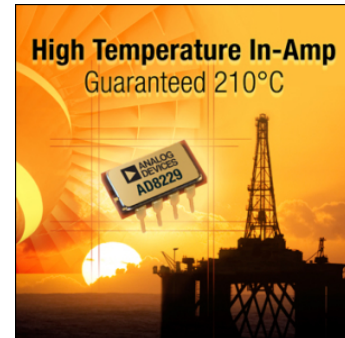
Amplifiers



AD8229: 1nV/√Hz Low Noise, 210°C Instrumentation Amplifier

Key Features:

- Designed for 210°C operation
- Low noise: 1 nV/√Hz input noise; 45 nV/√Hz output noise
- High CMRR: 126 dB CMRR (minimum), G = 100; 80 dB CMRR (minimum) to 5 kHz, G = 1
- Excellent ac specifications: 15 MHz bandwidth (G = 1); 1.2 MHz bandwidth (G = 100); 22 V/μs slew rate; THD: 130 dB (1 kHz, G = 1)



Applications :

- Down-hole instrumentation
- Harsh environment data acquisition
- Exhaust gas measurements
- Vibration analysis

AD8657: High precision, 18 V, Micropower, CMOS, Rail-to-Rail Input/Output Op Amp

Key Features:

- Low power at high voltage (18V): 18 μA typical
- Low offset voltage: 350 μV maximum
- Single-supply operation: 2.7 V to 18 V
- Dual-supply operation: ±1.35 V to ±9 V
- Low input bias current: 20 pA
- Gain bandwidth: 200 kHz
- Unity-gain stable
- Two package types

Applications:

- Portable operating systems Current monitors
- 4 mA to 20 mA loop drivers
- Buffer/level shifting
- Multipole filters
- Remote/wireless sensors

PIN CONFIGURATION



Figure 1. 8-Lead MSOP



NOTES
1. IT IS RECOMMENDED TO CONNECT THE EXPOSED PAD TO V-.

Figure 2. 8-Lead LFCSP

| Product | Farnell# | Description |
|------------|----------------------------|--|
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