

**HARRIS**

SEMICONDUCTOR

NOT RECOMMENDED FOR NEW DESIGNS
 A complete data sheet is available at www.harris.com/semiconductors
 Harris home page (407-724-7800) or via FAX (407-724-7800)

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912 Harris AnswerFAX, File Section 12

HA-5177

**2MHz, Ultra-Low
Offset Voltage Operational Amplifier**

Features

- Low Offset Voltage 20 μ V
- Low Offset Voltage Drift 0.2 μ V/ $^{\circ}$ C
- High Voltage Gain 150dB
- High CMRR 140dB
- High PSRR 135dB
- Low Noise 9.0nV/ \sqrt Hz
- Low Power Consumption 51mW (Max)

Applications

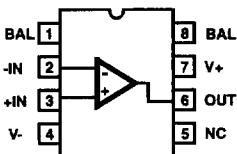
- High Gain Instrumentation Amplifiers
- Precision Control Systems
- Precision Integrators
- High Resolution Data Converters
- Precision Threshold Detectors
- Low Level Transducer Amplifiers

Ordering Information

| PART NUMBER | TEMP. RANGE ($^{\circ}$ C) | PACKAGE | PKG. NO. |
|-------------|--------------------------------|-------------|-------------|
| HA3-5177-5 | 0 to 75 | 8 Ld PDIP | E8.3 |
| HA7-5177-5 | 0 to 75 | 8 Ld CERDIP | F8.3A |

Pinout

HA-5177
(PDIP, CERDIP)
TOP VIEW



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OPERATIONAL
AMPLIFIERS