Specifications

Power Consumption

+5V supply	170mA typ. / 240mA max.
+12V supply	7mA typ. / 11mA max.
-12V supply	7mA typ. / 11mA max.

Analog Input Specifications

8 analog input channels each with the following specification:

Resolution	8 bits. (39mV/bit)
Accuracy	0.2% of reading ±1 bit.
Full scale	±5 volts
Coding	Offset binary
Over voltage	Continuous single channel to ±30V
Configuration	Single ended.
Input current	100mA max at 25 degrees C
Monotonicity	Guaranteed over operating temperature range.
Linearity	±1 bit.
Zero drift	10ppm/degree C max.
Gain drift	50 ppm/degree C max.

Sample Hold Amplifier

Acquisition	10 microseconds to 0.1% typ. time for full scale step input
Dynamic	2mV @ 2000v/sec. sampling error

Reference Voltage Output

Reference	+5.0V ±0.2V voltage
Temperature	50 ppm/degree C max. coefficient
Load current	±5mA max.

Digital I/O

OP1-4 output	0.5V max at Isink = 8.0mA low voltage
IP1-3 input	0.8V max low voltage

Interrupt Input

Type	Positive edge triggered
Level	2 - 7 jumper selectable
Enable	Via software control

Operating	0 to 50 degrees C temperature range.
Storage	-20 to +70 degrees C temperature range
Humidity	0 to 90% non-condensing.
Weight	4 oz. (120 g.)