

OP5342 Specifications

General

Product name	OP5342
Part number	126-0559
Product Type	Analog to digital converter
Form Factor	OPAL-RT Type-B

Characteristics

Number of channels	16
Resolution	16 bits
Input impedance	1 M
Input impedance accuracy	2%
Max. Sampling Frequency	2 MS/s
ADC Type	8 x Dual ADC
Input voltage range	$\pm 20V$

Dynamic Characteristics

Bandwidth	Small signal (-3 dB): 400 kHz
Accuracy	$\pm 10mV$ on the $\pm 16V$ range
System noise max	5mVrms
Recommended warm-up time	5 minutes

Environmental

Operating temperature	0 to 50 °C (32 to 122°F)
Storage temperature	-55 to 85°C (-67 to 185°F)
Relative humidity	10 to 90%, non-condensing
Maximum altitude	2,000 m (6562 ft.)