DATEL Innovation & Excellence

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Part Number PVR-1533SE, Precision Voltage Reference

The **PVR-1533SE** uses a proprietary technology that provides a very low drift and low noise +3.300 Volts precision Voltage Reference thatreference. It can operates from a minimum of 3.4 Volts up to a maximum of 5.5 volts input voltages. This reference is one in a family of precision voltage references from DATEL that ranges from 1.024 to 5.0 output volts and has a very low voltage drift coefficient of 15PPM/°C maximum over temperature.

This low TC drift along with the precision initial accuracy of 1.0mV max makes the **PVR-1533SE** the reference of choice for precision data acquisition applications. DATEL offers this converter in a small low cost tiny SOT-23 plastic package fully tested over the operating temperature of -40°C to +125°C with ATE results recorded and stored.

The **PVR-1533SE** is a low cost enhanced Commercial Off-The-Shelf (COTS) devices and is the best choice for Ruggedized, Military, Avionics, Aerospace and Medical applications that does not require Hermetic or full MIL-Standard 883 products.

Specifications

Output Voltage	3.3 V
Initial Accuracy	0.2 %
Temperature Drift Coefficient	15 PPM/°C
Output Current	25 mA
Maximum Supply Voltage	5.5 V
Operating Temp. Range (min)	-40 ºC
Operating Temp. Range (max)	+125 ºC
RoHS	Yes
Package Type	Plastic SOT-23

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