OP5332 - 16 Analog Output - 2MSPS - Isolated

The OP5332 module provides 16 isolated analog output channels, sampled at 2MS/s and producing ±16V output values.

- The OP5332 is **not compatible with the OP4510, OP4200 and OP7000** chassis.
- **OP56xx and OP5707 simulators** can accommodate a **maximum of two OP5332** modules

Main Features

- 8 pairs of isolated analog output channels (16 channels total)
- 16-bit resolution
- Simultaneous sampling at 2 MS/s
- Voltage range ±16V
- Maximum current 10mA
- Factory-calibrated

Channel description

Each channel uses a dedicated 16-bit resolution digital-to-analog converter.

All outputs are sampled simultaneously at 2 MS/s, giving a total throughput of 32 MS/s.

The channels are isolated by pair.

Current/voltage characteristics

The output signal voltage range is ±16 volts.

The maximum current per channel is ±10 mA.

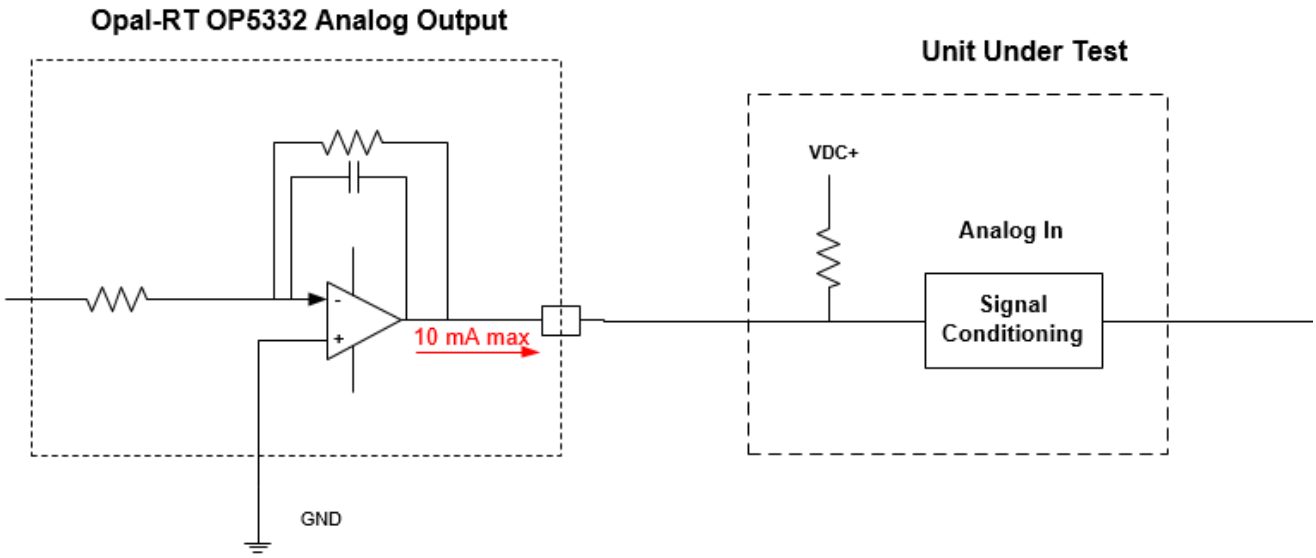
Calibration

The card is factory-calibrated to ensure accurate output values with a maximum of ±10 mV absolute error.

To ensure the ±10mV precision, a **warm-up time of 10mn** is necessary.

Typical Use Cases

The following diagram provides an example of a typical setup using the OP5332. An analog output signal is sent to the unit under test. The maximum current rating of the signal is 10mA.



For compatibility of this card, please consult the **Software compatibility** and **Hardware compatibility** tables.