



# Software Configurable Universal Analog Input AFE with Integrated DAC

**NAFEB43388** NEW

Last Updated: Apr 28, 2026

The NAFEB43388 is a software-configurable, industrial-grade multichannel analog front end (AFE) for high-precision measurements. It integrates the following components:

- A 24-bit analog-to-digital (ADC)
- 13-bit digital-to-analog Converter (DAC)
- Programmable gain amplifier (PGA)
- Low-drift voltage reference
- A high-precision sense resistor with smart e-fuse protection

It provides diagnostic circuits for anomaly detection and targets programmable logic controllers (PLCs, DCS, I/O modules and data-acquisition systems).



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