

Sensor Isolator

d IL015

A high-speed SI well as user-pro

SPI

The ASP002-10E provides an extraordina and precision. Key features include:

- Factory calibration and precision. Rey features include:

- 0.1 "resolution - 0.2" repeatability - 0.2" repeatability - Rebust 610 ± 200 Ce magnetic field opp - Result 25 45 Spa sample rate

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- Low 4 mA fryical supply current

- Wide - 40°C to 1.5°C operating range

- Utraministure 2.5 x 2.5 x 0.8 mm TDF1



Year in Revi

2018



GMR Smart Magnetometer
The new SM124-10E Smart Magnetometer
combines a versatle GMR sensor element
digital signal processing. Single-byte (eight
digital data provides a stick, easy-0-use
interface, and its unique architecture elimin
the need for any commands.



TMR Smart Magnetometer Sensor The new SM324-10E combines an ult TMR sensor element with sophisticate byte (24-bit) digital signal processing.

AAL024 Noncontact Current Sensor
The AAL024-10E combines small size, high
sensitivity and cross-axis sensitivity for an ic



It provides 3.6 mV/V/Oe typical magnetic sensitivity over a 1.5 to 10.5 Oe linear range. It is inherently omnipolar for AC or DC measurements, and comes in an ultraminiature 2.5 mm x 2.5 mm x 0.8 mm TDFN6.



AAL024 Evaluation Board
Four AAL024 sensors (see above) in four
different circuit board configurations. The 2° x 2°
board provides isolated AC or DC measurement
of currents up to 5 amps. Sensitivity is as high
as to 60 mV/V/A typ, or 300 mV/A with a 5V

world's fastest isolated HS-455 trainsize now also the world's smallest. The new 85-1E is an ultrahigh-speed isolated sceiver in NVE's ultraminiature, low the stance QSOP-16 package.



ened the already ridiculously ption specifications of ADL-Magnetic Switches. Power low as 72 nW, so they will n I single lithium coin cell. ADI IVE's smallest parts at just

ADL021 Nanopower sense.
Mini Exal Board
The AG040B is a 0.25 x 1.57 inch demo board
with the ultralow-power, ultraminiature ADL021
magnetic switch (see above). Powered by a cocell (included), the quiescent power is so low itbattery will satt indefinitely. An LED indicates
when the sensor is activated, a miniature bar