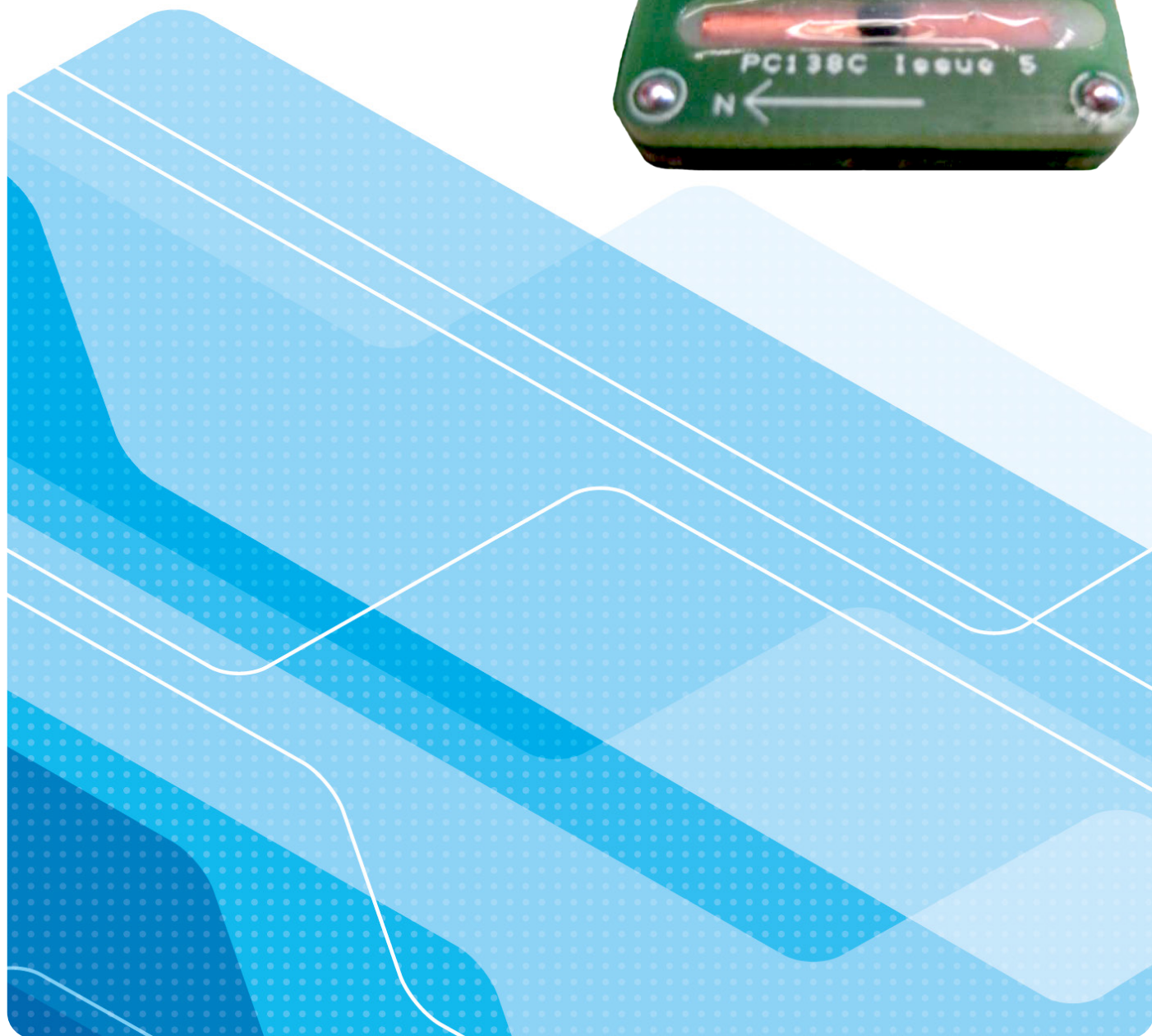


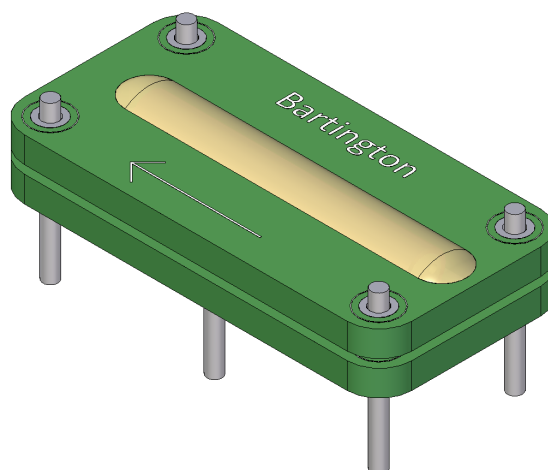
Mag644

Fluxgate Probe



Mag644 Fluxgate Probe

Single-axis 14mm long fluxgate probe, housed in an FR4 PCB.



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Product Identification

Product name

Mag644

Specifications

Performance

Number of axes	One
Fluxgate Length	14mm
Primary Resistance (Excitation)	$8\Omega \pm 1\Omega$
Primary Inductance (Excitation)	$650\mu\text{H} \pm 100\mu\text{H}$
Secondary Resistance (Detection)	$45\Omega \pm 1.5\Omega$
Secondary Inductance (Detection)	$5.2\text{mH} \pm 0.4\text{mH}$

Environmental

Operating temperature range	-20°C to +70°C
Storage temperature range	-20°C to +70°C
IP Rating	N/A
Compliance	RoHS

Mechanical

Construction	Thru-hole, FR4 PCB housing
Dimensions	24 x 12 x 5mm
Weight	<6g
Mounting Arrangements	4 x 0.9mm diameter tinned copper pins (5mm long)

The specifications of the products described in this brochure are subject to change without prior notice.

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