

Inductive Position Sensor IC

Manufacturers

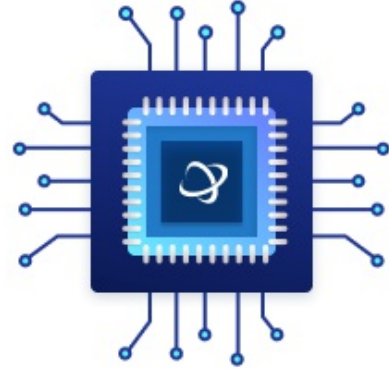
[Renesas Technology Corp](#)

Package/Case

Product Type

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for ZMID4200AI1R or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Features

Inductive principle

Rotation sensing up to a full turn of 360°

Analog, PWM or SENT output with programmable limits

Overvoltage, reverse polarity, ESD and short circuit protection

10-bit resolution (Analog and PWM)

12-bit resolution (SENT)

Power or ground loss detection

Facilitates redundant design requirements

Programmable linearity correction

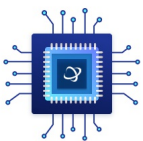
Adaptive gain control supporting a wide range of coil designs

Diagnostic features

Overvoltage and reverse polarity protection up to $\pm 18V$

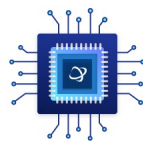
Small 14-TSSOP package

Related Products



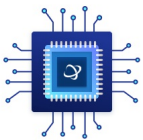
[HZM5.6NB2TL-E](#)

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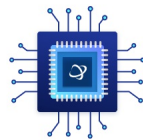
[ZMOD4510AI4V](#)

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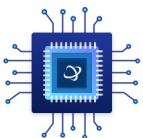
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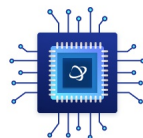
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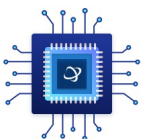
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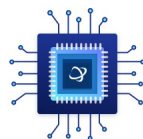
[ZMOD4510AI3V](#)

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[ZMOD4450AI1R](#)

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