

## Inductive Position Sensor IC

Manufacturers

[Renesas Technology Corp](#)

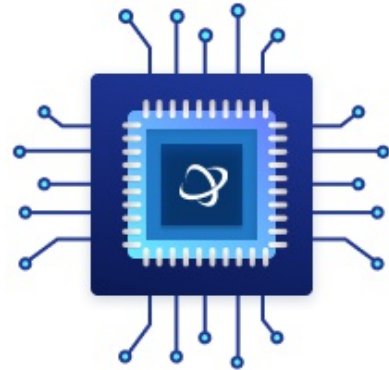
Package/Case

Product Type

Sensors, Transducers

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for ZMID5201AE1R 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 output with programmable limits

Overvoltage, reverse polarity, ESD and short circuit protection

10-bit resolution

Power or ground loss detection

Facilitates redundant design requirements

Programmable linearity correction

Adaptive gain control supporting a wide range of coil designs

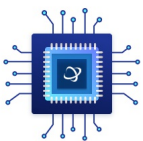
Diagnostic features supporting ISO26262

Supporting up to ASIL-B

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

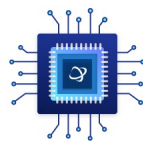
Small 14-TSSOP package

## Related Products



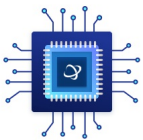
[ZMOD4410AI3V](#)

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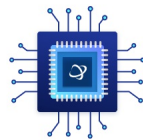
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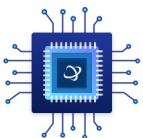
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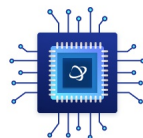
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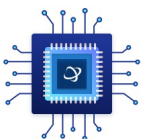
[ZMOD4410AI4V](#)

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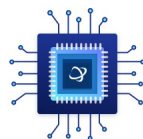
[ZMOD4410AI4R](#)

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