



**THE DATASHEET OF  
AN48846B-NL**



## NEW! AN488xx Hall IC Series

### Surface Mount, Hall Effect Latches, Magnetic Digital-Position Sensor IC's For Rotation and Open/Close Detection Applications, 1.8V Low Current Consumption

Panasonic, a worldwide leader in Semiconductor Products, introduces the **NEW AN488xx Hall IC Series**. The **NEW AN488xx Series** parts act as a contactless switch using a pulse system that detects a magnetic field which turns devices on and off. The **AN48846B** and **AN48841B** parts are suitable for Wheel Keys and Track Ball applications; they detect a magnetic field's polarity change from south to north or from north to south. The **AN48836B** part is suitable for magnetic open/close switch applications and can detect the magnetic fields of both the south and north poles without regard to magnetic polarity

#### Features:

- Power Supply Voltage:
  - AN48846B and AN48836B: 1.65V to 3.6V
  - AN48841B: 2.5V to 5.25V
- Intermittent Operation Allows Low-Power Consumption
- Choose AN48836B For Bidirectional Detection
- Package: SMINI-5DE, 2.0 x 2.0 x 0.7mm
- RoHS Directive Compliant

#### Benefits:

- High-Sensitivity, Low-Cost Magnet
- Long Life
- Low Power Consumption
- Easy To Use

#### Industries:

- Handheld Electronics
- Consumer Electronics
- Industrial
- Medical
- Security
- Alternative Energy
- White Goods

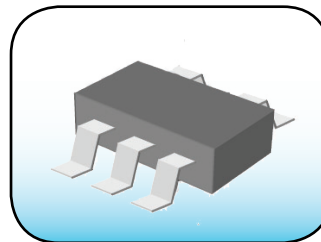
#### Applications:

- On/Off Control
- Rotation Detection
- Open/Close Position Detection

#### Part Number Information:

1	2	3	4	5	6	7	8	9	10
A	N	4	8	8	X	X	B	N	L
Product Code			Analog Part Code			Packing Code			
Code	Type	Code	Type	Code		Type	Code	Type	
AN⇒	Standard	48836⇒	Hall IC	B⇒		Revised 1 <sup>st</sup>	NL⇒	Standard Embossed Tape	

#### Additional Information:



For detailed specification information on these Hall IC Semiconductors, visit:

- [panasonic.com/industrial/includes/zip/AN488xxxx\\_DataSheet.zip](http://panasonic.com/industrial/includes/zip/AN488xxxx_DataSheet.zip)



## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

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 [Panasonic Information](#)

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