

# Introduction to Magnetic Current Sensing

TI Precision Labs – Magnetic Sensors

Quiz

# Introduction to magnetic current sensing – quiz

1. Magnetic current sensing is based on \_\_\_\_\_ .
  - a) Ohm's law
  - b) Coulomb's law
  - c) Gauss' law
  - d) Ampere's law
  
2. The benefits of magnetic current sensing include \_\_\_\_\_ .
  - a) Isolated measurements
  - b) High voltage and high current capability
  - c) Dynamic current measurement capability
  - d) All of the above

# Introduction to magnetic current sensing – quiz

3. Which is the main challenge of module-based MCS?
  - a) Stray magnetic fields
  - b) Complex mechanical and magnetic design
  - c) Isolation barrier capability
  - d) Thermal limitations
  
4. The direction of magnetic field relative to current flow can easily be determined using which technique?
  - a) Right hand rule
  - b) Newton's second rule of motion
  - c) Cramer's rule
  - d) Hund's rules

# Answers

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