1. Technology Overview

The magneto-impedance sensor (MI sensor) is a new sensitive micro magnetic sensor based on the Magneto-Impedance effect in amorphous wires and constituted with CMOS-IC multi-vibrator circuitry which makes H-IC type MI sensor chips for electronic compasses for mobile phones and also extremely high sensitive micro magnetic sensor (pico-Tesla MI sensor) superior than SQUID in bio-medical sensing such as the spinal-cord diagnosis.

Magnetic Field and Magnetic Sensors

2. Benefits

Supply of new sensitive micro magnetic sensor chips with mass production for intelligent measurement and controls.

3. Market Potential / Applications

H-IC type MI sensor chips for electronic compasses

4. Keywords

Magneto-Impedance effect, amorphous wires, CMOS-IC, pico-Tesla MI sensor, MI world

5. Patent status & Patent owner contact

Patent license is available.
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