

Microelectronic device for measurement of magnetic induction has source of direct voltage and resistor. To the measuring device magneto-sensitive tunnel-resonance diode is included, with passive inductance and capacitor. The first pole of the source of direct voltage is connected to the first output of the resistor, the first output of the capacitor and the first output of the magneto-sensitive tunnel-resonance diode. The second output of the magneto-sensitive tunnel-resonance diode is connected to the first output of the passive inductivity and the first output terminal. The second output of the passive inductance is connected to the second pole of the source of direct voltage, the second output of the capacitor and the second output of the resistor forming the common bus to which the second output terminal is connected.

