




SpinTJ Full Bridge Sensors

Key Features:

- Linear and bipolar response
- Superior field sensitivity of 2-5 mV/V/Oe
- Wide sensing range of ± 20 Oe
- High detectability of 3 nT @ 10 Hz and 100 pT @ 1 kHz
- Compact packaging and electrical configurations

Standard Products:

Part Number	Type of Sensor	Package Form	Picture
STJ-301	Full Bridge Sensor	Bare Die	
STJ-340	Full Bridge Sensor	SOIC-8	
STJ-400	Full Bridge Sensor	DIP-8	

Applications: ultralow field sensing (nT), magnetic imaging, detection of magnetic particles, magnetic spectrum analyzer, NMR, electronic compass and navigation, spintronics immunoassay, smart dusts, security and military applications, magnetic encoders, position and angular sensors, current sensors, counterfeit detection, medical devices (hearing aids, microsurgery, drug delivery, etc.), nanotechnology research.