



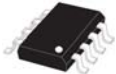



SpinTJ General Purpose Low-Noise Sensors

Key Features:

- Linear and bipolar response
- Superior field sensitivity of 0.7-2.0%/Oe
- Wide sensing range of ± 50 Oe
- High detectability of 2 nT @ 100 Hz and 200 pT @ 10 kHz
- Small silicon die size of 0.9x0.9x0.3mm
- Compact packaging and electrical configurations

Standard Products:

Part Number	Type of Sensor	Package Form	Picture
STJ-201	General Purpose Low-Noise Sensor	Bare Die	
STJ-210	General Purpose Low-Noise Sensor	Short Probe	
STJ-220	General Purpose Low-Noise Sensor	Long Probe	
STJ-230	General Purpose Low-Noise Sensor	SMA Probe	
STJ-240	General Purpose Low-Noise Sensor	SOIC-8	
STJ-300	General Purpose Low-Noise Sensor	DIP-8	

Applications: ultralow field sensing (nT), magnetic imaging, detection of magnetic particles, magnetic spectrum analyzer, NMR, 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.