

MTS

SENSOR, DATA ACQUISITION BOARDS

- ▼ Selection of 4 Standard Sensor Boards
- ▼ TinyOS Drivers Support Sensor Readings
- ▼ Supports MICA, MICA2, MICA2DOT Motes
- ▼ Individual Power Control for Each Sensor

Applications

- ▼ Vibration and Magnetic Anomaly Detection
- ▼ External Sensor Connection
- ▼ Localization and Acoustic Tracking
- ▼ Robotics
- ▼ Wireless Sensor Networking

MTS300

The MTS300CA is a flexible sensor board with a variety of sensing modalities. These modalities include Light, Temperature, Acoustic, and Sounder. The MTS300CA is for use with both MICA and MICA2 Motes.

▼ MTS300CA



MTS310

The MTS310CA is a flexible sensor board with a variety of sensing modalities. These modalities include 2-Axis Accelerometer (ADXL202), 2-Axis Magnetometer, Light, Temperature, Acoustic, and Sounder. The MTS310CA is for use with the MICA and MICA2 Motes.

▼ MTS310CA



MTS101

The MTS101CA series sensor board has a precision thermistor, a light sensor/photocell, and general prototyping area. It is for use with the MICA and MICA2 Motes. The prototyping area supports connection to five channels of the Mote's A-D Converter, the I2C digital communications bus, and has 24 unconnected solder points that are used for breadboarding.

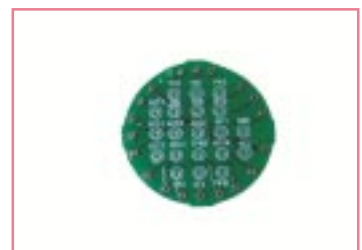
▼ MTS101CA



MDA500

The MDA500CA series prototype and data acquisition board provides a flexible user-interface for connecting external signals to the MICA2DOT Mote. All of the major I/O signals of the MICA2DOT Mote are routed to plated thru holes on the MDA500CA circuit board.

▼ MDA500CA



Model	Description
MTS101CA	Light, Temperature, Prototype Area Sensor Board for MICA, MICA2 Motes
MTS300CA	Light, Temperature, Acoustic, and Sounder Sensor Board for MICA, MICA2 Motes
MTS310CA	Light, Temperature, Acoustic, Sounder, 2-Axis Accel, and 2-Axis Mag Sensor Board for MICA, MICA2 Motes
MDA500CA	General Purpose Interface for MICA2DOT Motes