

# MIB520

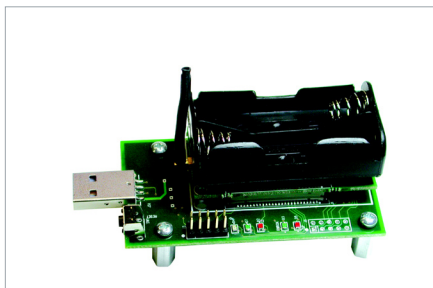
USB INTERFACE BOARD



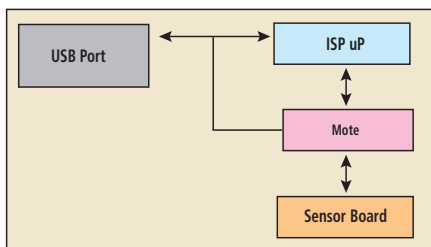
- Base Station for Wireless Sensor Networks
- USB Port Programming for IRIS/MICAz/MICA2 Hardware Platforms
- Supports JTAG code debugging
- USB Bus Power

## Applications

- USB Interface
- Testbed Deployments
- In-System Programming



MIB520CB with attached Mote



MIB520CB Block Diagram



## MIB520CB

The MIB520CB provides USB connectivity to the IRIS and MICA family of Motes for communication and in-system programming. Any IRIS/MICAz/MICA2 node can function as a base station when mated to the MIB520CB USB interface board. In addition to data transfer, the MIB520CB also provides a USB programming interface.

The MIB520CB offers two separate ports: one dedicated to in-system Mote programming and a second for data communication over USB. The MIB520CB has an on-board processor that programs Mote Processor Radio Boards. USB Bus power eliminates the need for an external power source.

## Specifications

### USB Interface

- Baud Rate: 57.6 K
- Male to Female USB cable (included with unit)

### Mote Interface

- Connectors:
  - 51-pin
- Indicators:
  - Mote LED's: Red Green, Yellow

### Programming Interface

- Indicators:
  - LEDs - Power Ok (Green), Programming in Progress (Red)
- Switch to reset the programming processor and Mote.

### Jtag Interface

- Connector: 10-pin male header
- POWER
- USB Bus powered

## Ordering Information

Model	Description
MIB520CB	USB PC Interface Board

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Questi prodotti sono distribuiti e supportati in Italia da:



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