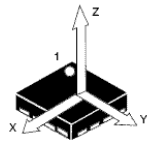


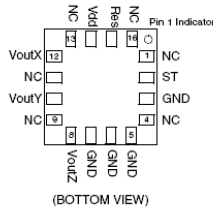
Wireless Monitoring of Bridges

Sponsor: IPFW Wireless Technology Center

Brief Description: The objective of this project is to build a low-cost prototype wireless sensor system for structural health monitoring of bridges. The collected data should be transmitted to a control node where it can be processed and the results made accessible via the Internet. The system should be able to harvest as much energy from the bridge vibrations itself via the use of piezoelectric devices.



(TOP VIEW)
DIRECTIONS OF THE
DETECTABLE
ACCELERATIONS



(BOTTOM VIEW)



Piezoelectric

This page will be updated as more details about the project are finalized.