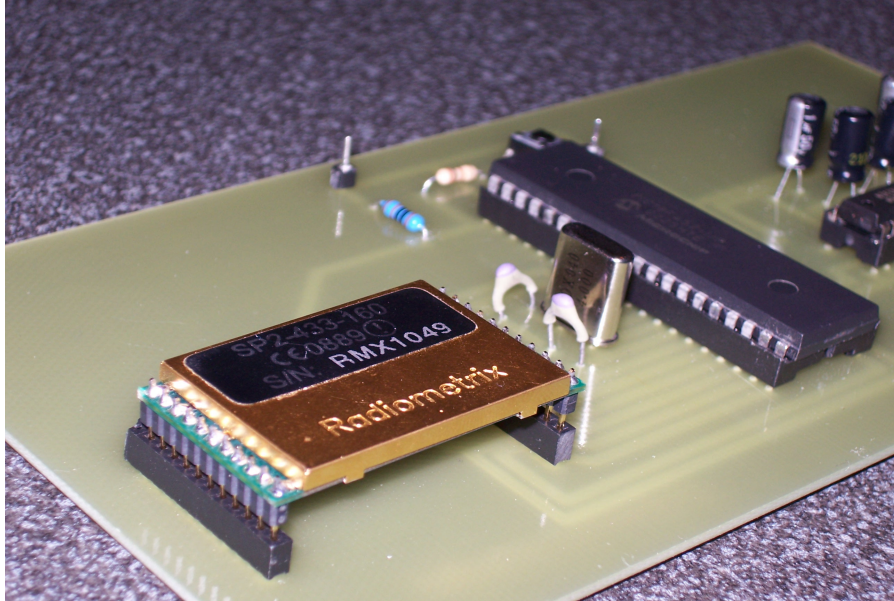


# F180 Communications System



SP2 Transceiver interfaced with the PIC Micro-controller

## Project Description

The objective of this project was to design a RF module that would allow the user to send data from one transceiver board to another mounted on the robot.

The SP2-433 transceiver module was used to transfer and receive the information between the computer and the robot. A host PIC micro-controller was responsible for preparing the information before being sent out.

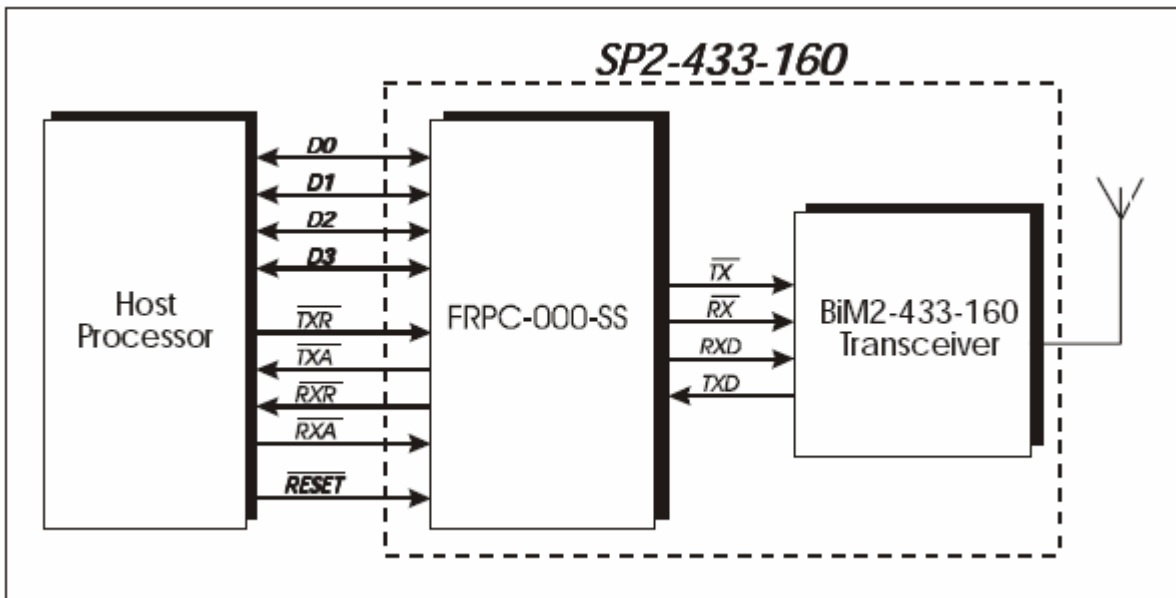
Overall purpose of the project was to control the F180 Robot using wireless technology



## Key Features

- Transmits data at UHF frequency.
- Useable for transmitting up to 60 bytes of data
- Reads computer keyboard for control commands of the robot.
- Provides 50m of in-building range.

## Basic Diagram Showing a Processor interfaced with the SP2



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