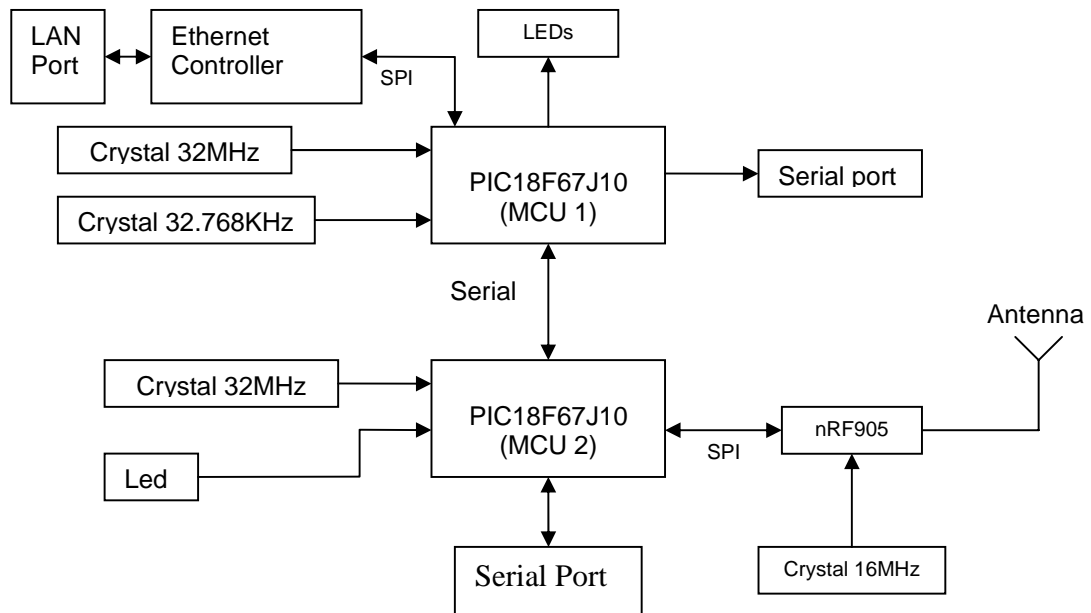


Block diagram: SMN900



Operational Description:

- 1) Radio chip – nRF905 will transmit and receive data through antenna. The data will be processed by PIC18F67J10 (MCU 2) via SPI.
- 2) Data will be transmitted / received between MCU 1 and MCU 2 through serial port.
- 3) The data processed by MCU 1 will be sent to server through LAN interface.
- 4) Serial port for MCU 1 is for debugging and configuration purpose.
- 5) Serial port for MCU 2 is for debugging.