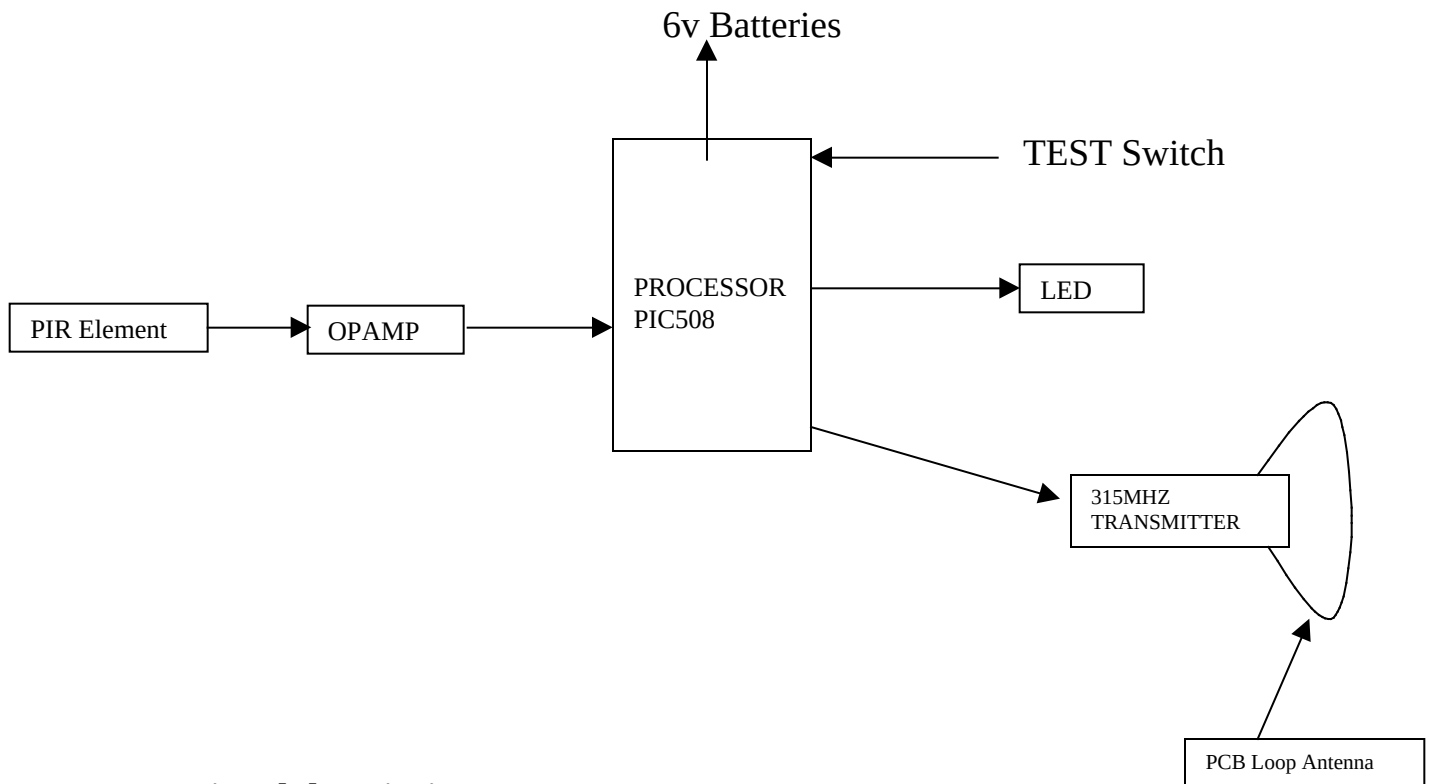


PIR2 Functional Diagram



Functional description:

Transmitter: OOK style, low power.

Single transistor oscillator, loop "L" antenna. Saw device stabilizes transmit frequency at 315 MHZ.

IR Motion Detection: A Dual Port PIR Element detects motion. When the microcontroller detects this motion, it awakens and transmits a code to the receiver.