

June 8, 2007

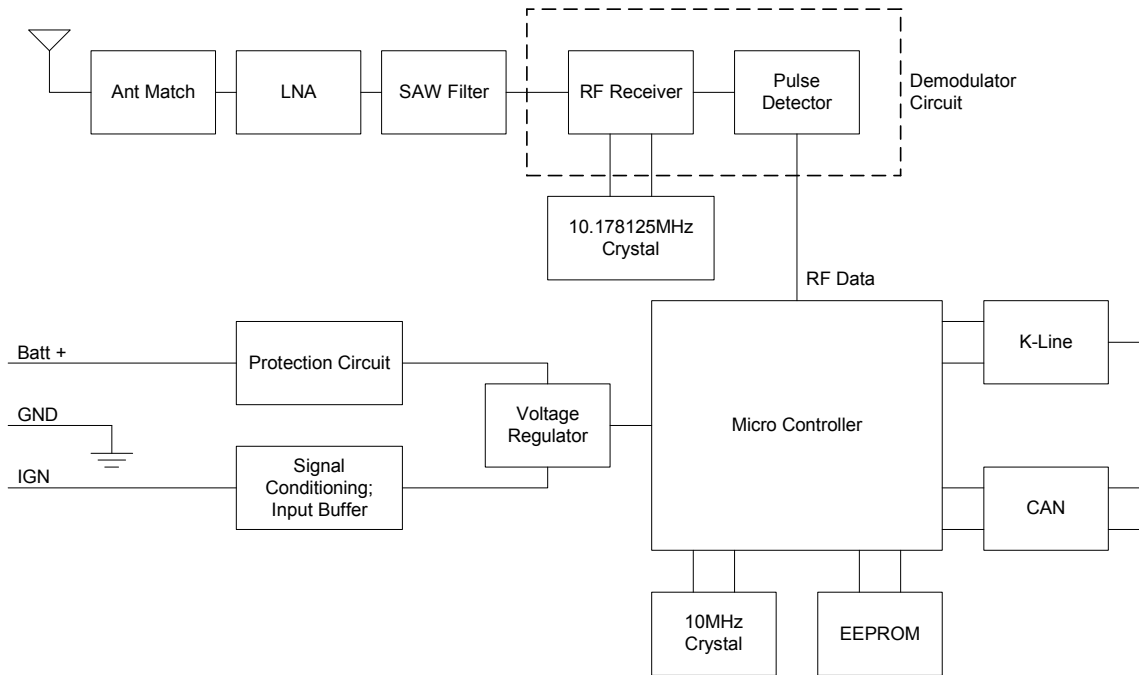
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RE: Certification for Honda MY08 TPM Baseline Receiver

Model #: 218143-108  
218143-109  
218143-110  
FCC ID: GQ4-38R  
Canada IC: 1470A-10R

**PRINCIPLES OF CIRCUIT OPERATION**

The receiver contains a microprocessor and firmware that control the entire TPM system. With the ignition in the on/run position, the receiver will monitor, demodulate and decode transmission at 315MHz, sent from the wheel-mounted pressure sensors. Tire pressure problems are reported to the driver via light emitting diodes on the dashboard. A separate system will illuminate the LED's. Tire information is sent to this separate system using a high speed CAN bus.



**Figure 3. TPM Baseline Receiver Block Diagram**