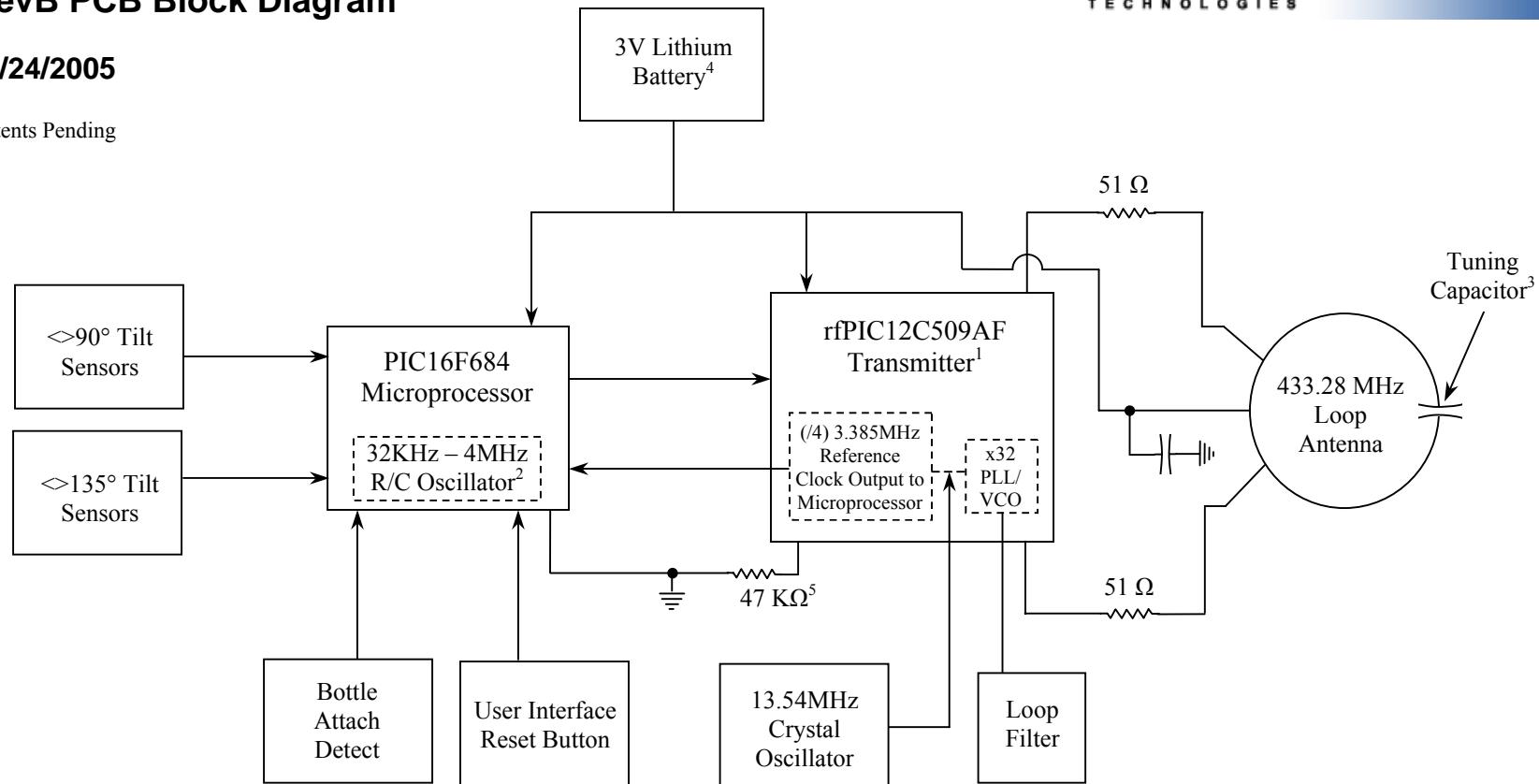


433.28 MHz Transmitter
BarVision™ Electronic Pour Spout
RevB PCB Block Diagram



10/24/2005

Patents Pending



¹ This is an rfPIC509 Microprocessor/Radio Transmitter. It is a hybrid part composed of a Melexis TH7107 transmitter and a PIC12C509 microprocessor, however the microprocessor portion is unused for this Equipment Under Test (EUT).

² Software adjustable

³ The antenna tuning capacitor is a 0.220in. average-diameter plate capacitor formed onto ~0.031in. FR4 that is tuned by drilling an appropriate (0.025-0.125in.) diameter hole through the center during production. Patent Pending.

⁴ Useful operation from 3.2V to 2.2V.

⁵ Power adjust resistor.