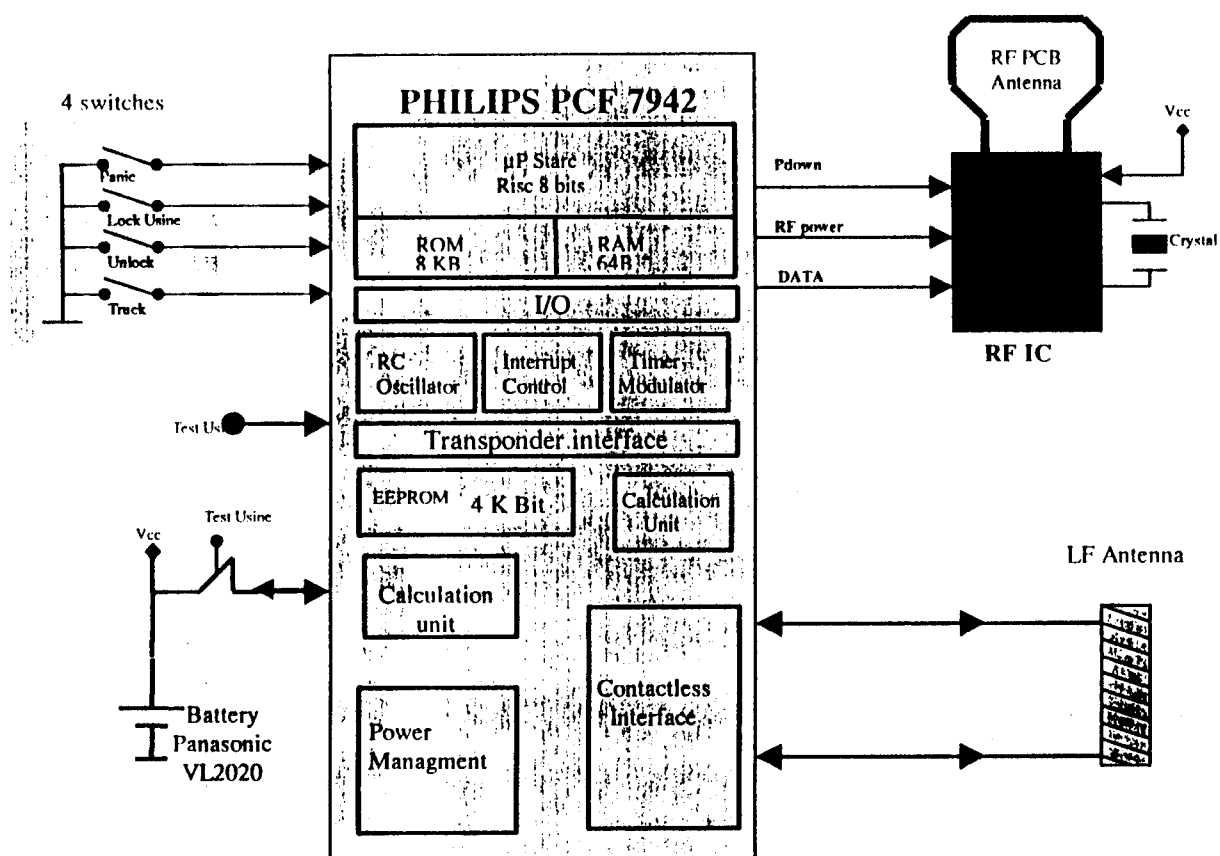


5.2. BLOCK DIAGRAM



5.3.HF SPECIFICATIONS

	868.4 Mhz	434.2 Mhz	315 Mhz	315 Mhz LP
RF IC	TDA 5100	TDA 5100	TDA 5100	TDA 5101
Modulation	FSK	FSK	FSK	ASK
Channel coding	Manchester			
Central frequency	868.40 Mhz	434.2 Mhz	315 Mhz	315 Mhz
Center frequency tolerance	± 65 kHz	± 33 kHz	± 24 kHz	± 24 kHz
Frequency shift	± 50 kHz	± 40 kHz	± 30 kHz	NA
Crystal frequency	13.56875 Mhz	13.56875 Mhz	9.84375 Mhz	9.84375 Mhz
Crystal precision	±30 ppm	±30 ppm	±30 ppm	±30 ppm
Power	-20 dBm	-20 dBm	-20 dBm	500µV/m max