BADGE BLOCK DIAGRAM

Main Microcontroller
   TI MSP430F149

RF Transceiver and embedded MAC microcontroller
   Chipcon CC1010

IR Interface

IR Rx

IR Tx

LED Matrix Display

LED Driver IC

Motor Drive Circuit

DataFlash

DAC

ADC

Audio Connector

MIC

Batteries

Power Management Circuit

ISP/JTAG connector

Breakout connectors for future upgrades

RS232 Connection for Data and Dev

Buttons

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