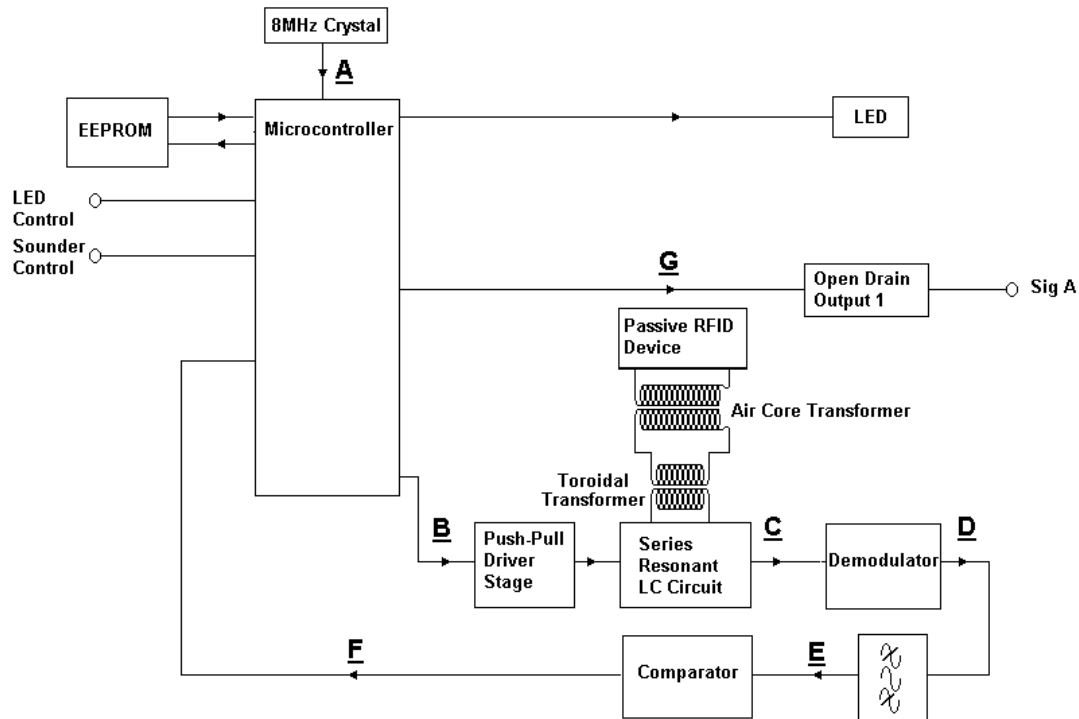


### 3. Block Diagram



- A** = 8.000 MHz local oscillator
- B** = 125 KHz output from microcontroller's PWM
- C** = 125 KHz signal with inductively coupled RFID code
- D** = Raw demodulated RFID signal
- E** = Filtered data at 3.9 KBaud
- F** = Digital data at 3.9 KBaud
- G** = Data output at 4800 Baud

#### Power and Ground

Common 0v to all modules

External 5V input supplies microcontroller, logic, driver and analog sections.

**NOTE:** All other circuitry on front panel main PCB is low speed logic controlling display and keypad, and is not associated with the transmitter.