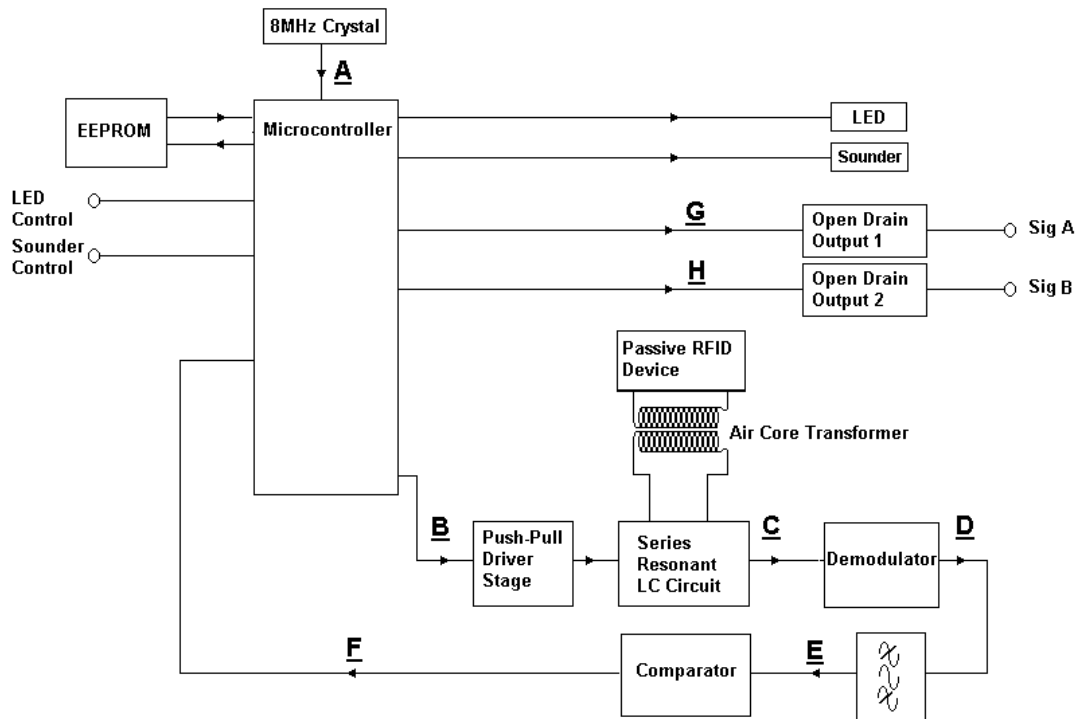


### 3. Block Diagram



- 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** = Primary data output at 4800 Baud
- H** = Optional data output at 4800 Baud

#### Power and Ground

Common 0v to all modules.

External power at 10.5 to 20VDC linearly regulated down to 5V to supply all circuitry (microcontroller, logic, driver and analog sections).