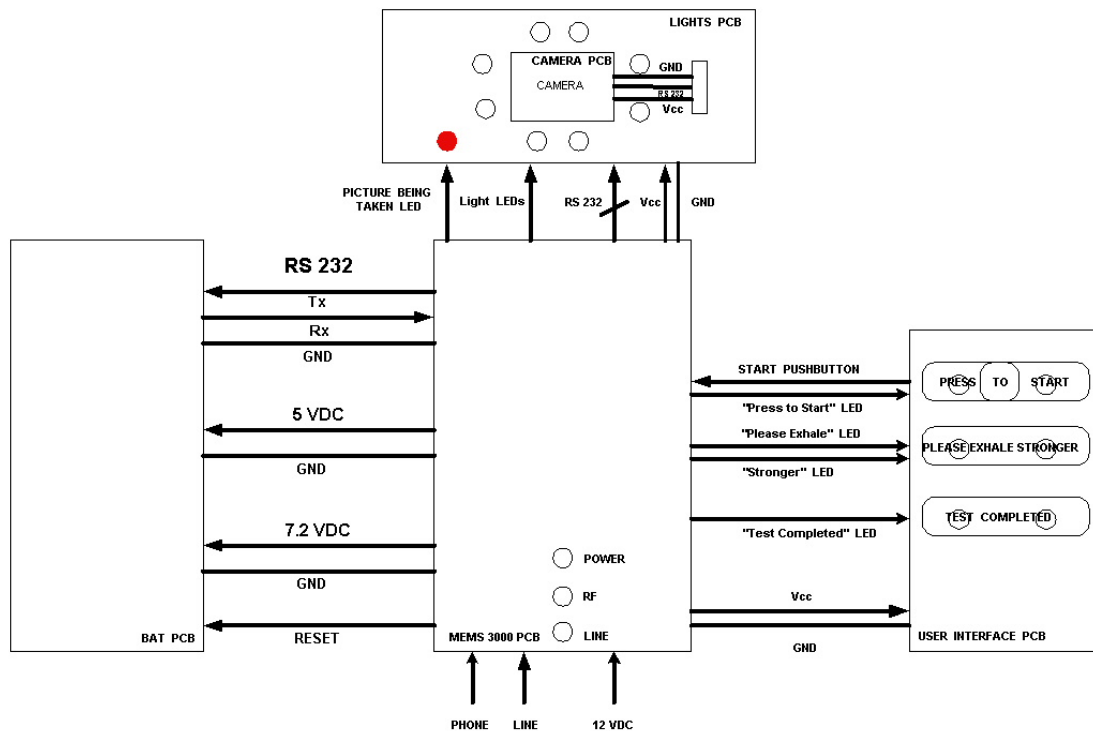


Hardware Requirements

The MEMS 3000 shall include 5 printed circuit boards:

- Converted DCU PCB
- User Interface (UI) PCB
- BAT PCB
- Camera PCB
- Lights PCB

The following diagram illustrates the connectivity of the various MEMS 3000 PCBs.



The following paragraphs define the hardware requirements for the various MEMS 3000 PCBs.