**Reviewed by: K. Mustaffa Sir, Vinayak Desai, G. Ravi Chandran, V. Vignesh Kumar.**

**Figure: Hardware Block Diagram of Occupant Classification System**

RB2

RB3

VCC

GND

TX

RX

**CAN BUS**

**CL**

**CH**

**AIRBAG**

**STATUS**

VCC

GND

**SW 2**

**SW 3**

**TRANSCEIVER**

**MCP2551**

RD1

RD0

**POWER SUPPLY**

**5V**

**PIC 18F458**

**SEATBELT**

**STATUS**