**FLOW CHART FOR OCCUPANT CLASSIFICATION**

**SET MASK AND SET FILTER**

**SET BAUD RATE**

**CAN INITIALIZE**

**SYSYEM INITIALIZE**

**SWITCHES**

**IF OCCUPANT STATUS >0x01 and 0<=0x03**

TRUE

**ON Lamp**

**Disable the Warning Lamp**

**ON Warning Lamp**

**AIR BAG ENABLED**

SMALL ADULT

OR

ADULT

**FALSE**

**CAN READ**

D2D

**if(occupant status==0x00**

D2 **D2**

**If (Seat belt==1**)

**CHILD** TRUE

**Setting AIR BAG Status Disable**

**CAN WRITE**