assign public\_length[7:0]=8'h25;

assign public\_type[7:0]=8'h07;

assign youxiaobiaozhi\_public[15:0]={adf\_state,adsb\_trans\_state,adsb\_trans\_test\_state,adsb\_trans\_sync\_state,adsb\_upload\_en\_state,adsb\_upload\_mode\_state,location\_system\_state,location\_source\_state,temper\_state,press\_state,6'b0};

assign icao[23:0]=trans\_icao;

assign id[47:0]=trans\_id;

assign yearmonday[23:0]={time\_year,time\_mon,time\_day};

assign hourminsec[23:0]={time\_h,time\_m,time\_s};

assign gpsxinxi[7:0]=stars\_num;

assign jingweigao[79:0]={~jing\_fuhao,~wei\_fuhao,~gao\_fuhao,3'b000,jingdu\_zheng,jingdu\_xiaoshu,weidu\_zheng,weidu\_xiaoshu,gaodu};

assign temper[15:0]={2'b00,sensor\_temper};

assign press[15:0]={2'd0,sensor\_press};

wire [319:0] public\_data;

assign public\_data[319:0]={public\_length,public\_type,youxiaobiaozhi\_public,icao,id,yearmonday,hourminsec,gpsxinxi,jingweigao,16'b0,xiaoxishu,temper,press,public\_crc16};