













//timer.c

void TIM3\_IRQHandler(void)

{

if (TIM\_GetITStatus(TIM3, TIM\_IT\_Update ) != RESET) { //如果中断标志被设置

TIM\_ClearITPendingBit(TIM3, TIM\_IT\_Update); //清除中断标志

led\_status++;

led\_status %= 3;

}

}

//main.c

void main(void)

{

led\_init(); //初始化LED控制管脚

timer3\_init(5000-1, 16800-1); //初始化定时器3，设置溢出时间为1000ms

while(1){ //循环体

if(led\_status == 0){ //LED灯为状态0

turn\_on(LEDR); // red on

turn\_off(LEDG);

turn\_off(LEDB);

}

else if(led\_status == 1){

turn\_on(LEDB); // blue on

turn\_off(LEDR);

turn\_off(LEDG);

}

else{

turn\_on(LEDG); // green on

turn\_off(LEDR);

turn\_off(LEDB);

}

}

}