
```

/*****
    24bit HX711参考驱动程序 (C)    优质人生 2010/11
在C中调用: extern unsigned long ReadAD(void);
    .
    .
    unsigned long data;
    data=ReadAD();
    .
    .
-----*/
sbit ADDO = P1^5;
sbit ADSK = P0^0;
unsigned long ReadCount(void)
{
    unsigned long Count;
    unsigned char i;
    ADSK=0;           //使能AD (PD_SCK 置低)
    Count=0;
    while(ADDO);     //AD转换未结束则等待, 否则开始读取
    for (i=0;i<24;i++)
    {
        ADSK=1;      //PD_SCK 置高 (发送脉冲)
        Count=Count<<1; //下降沿来时变量Count左移一位, 右侧补零
        ADSK=0;      //PD_SCK 置低
        if(ADDO) Count++;
    }
    ADSK=1;
    Count=Count^0x800000; //第25个脉冲下降沿来时, 转换数据
    ADSK=0;
    return(Count);
}

```