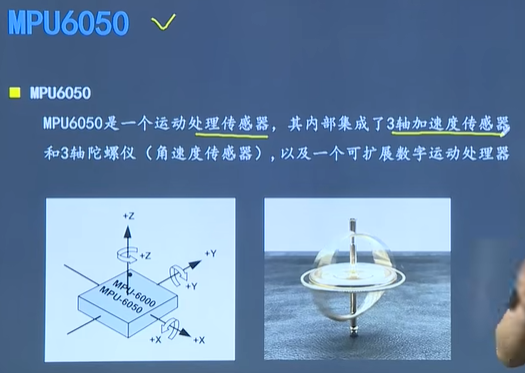
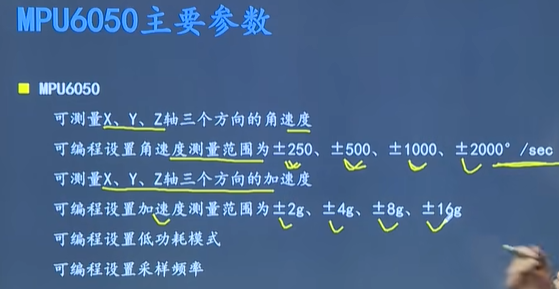
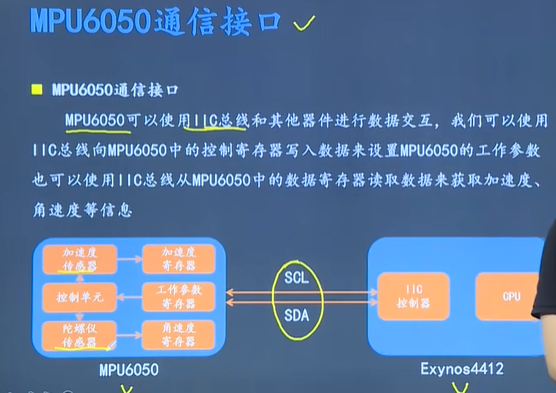
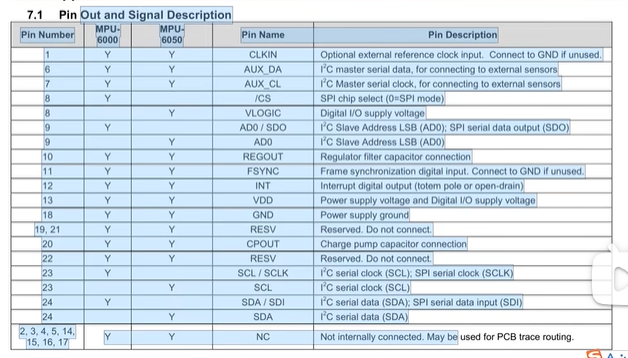
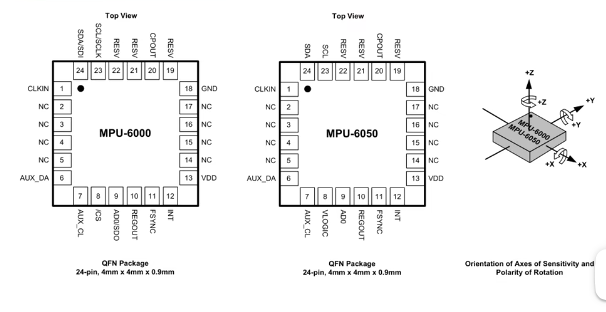
# MPU6050原理

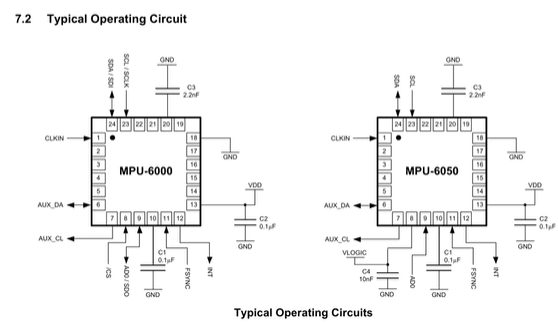


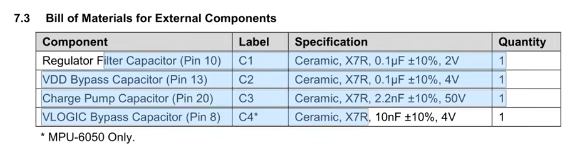




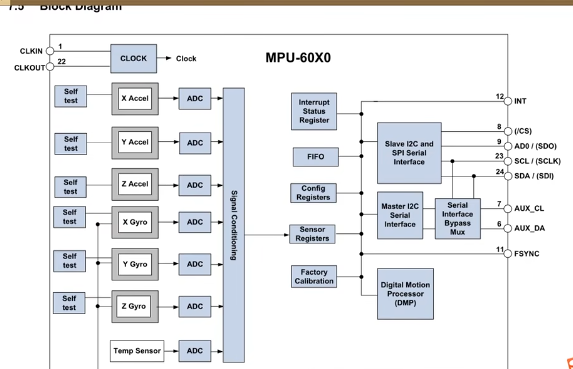




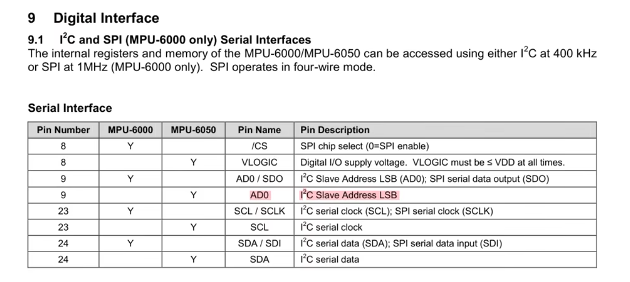




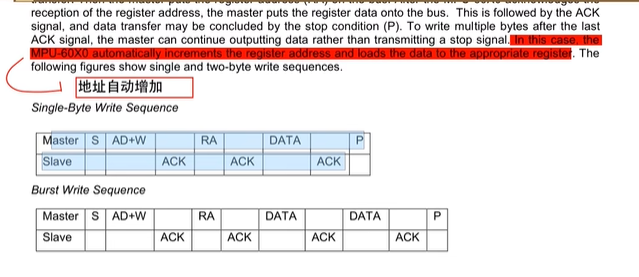
内部硬件逻辑



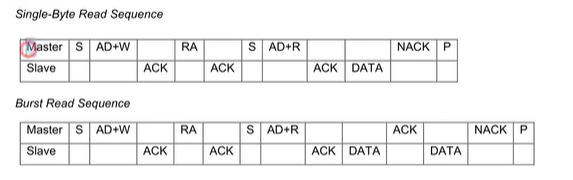
数字接口，此处使用的是IIC协议



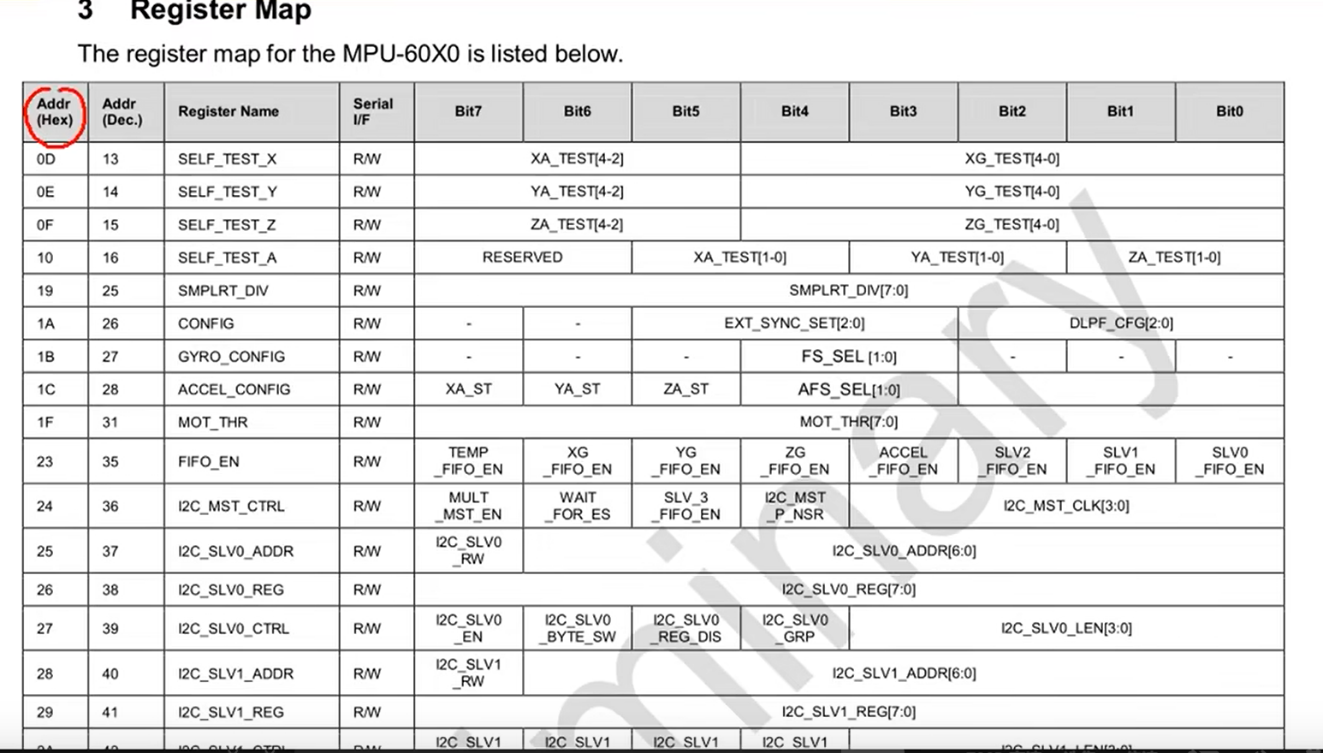
往MPU6050寄存器中写数据的时序

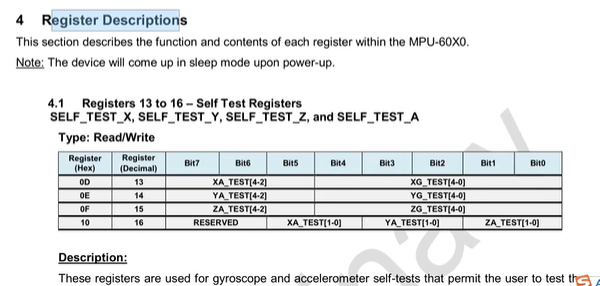


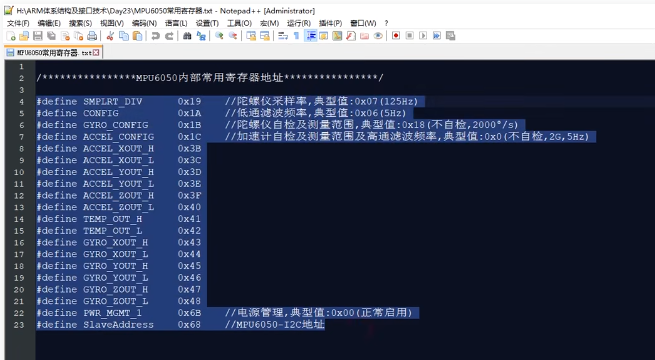
读取的时序

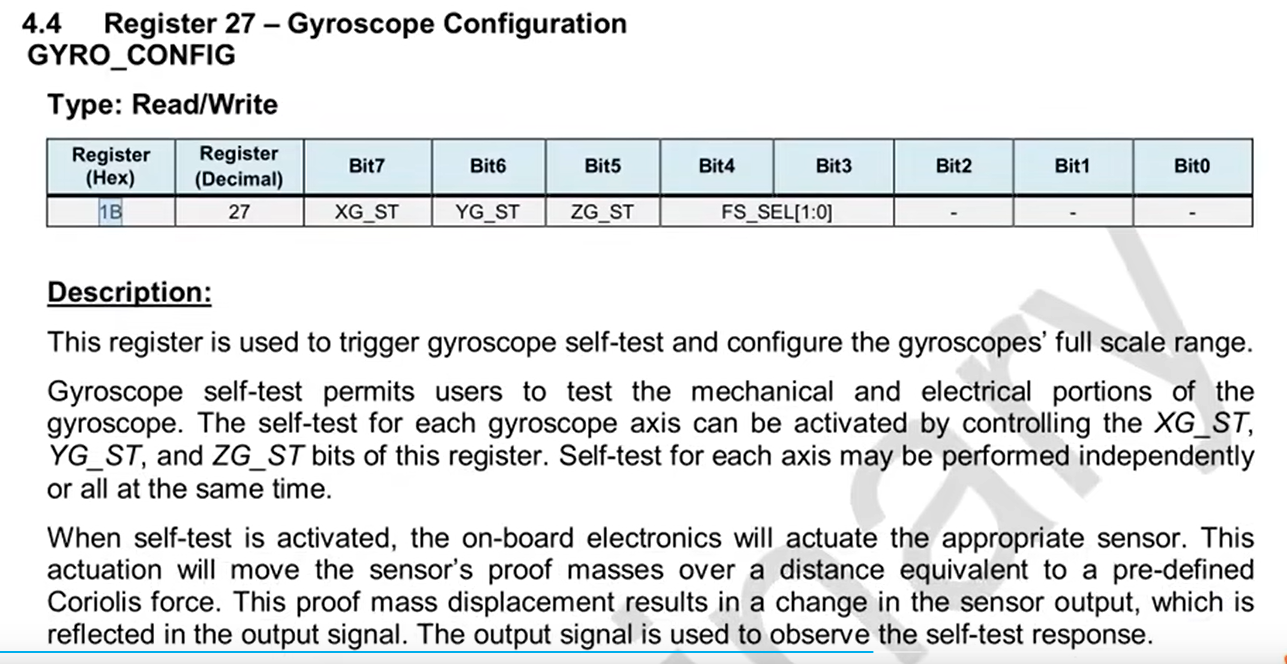


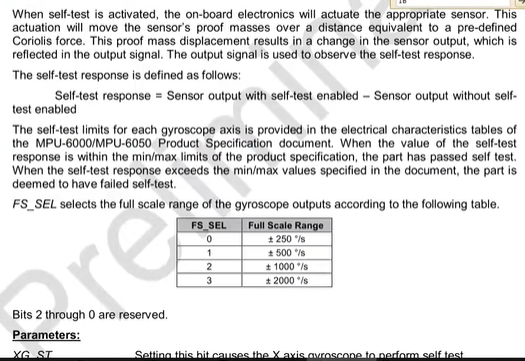
MPU6050里的地址是8位的











3b、3c寄存器用来存放x轴方向的16位的加速度结果，一个存放高8位，一个存放低8位。这里寄存器都是用来存放3轴加速度和3轴角速度的。0x41、0x42是温度传感寄存器。



