## （1）校验函数

//==================================================================

//函数名:CalCrc(int crc, const char \*buf, int len)

//功 能:计算

//返回值:16位CRC校验字

//==================================================================

u16 CalCrc(int crc, u8 \*buf, int len)

{

u16 i;

u8 k;

u16 ACC,TOPBIT;

u16 remainder = crc;

TOPBIT = 0x8000;

for (i = 0; i < len; ++i)

{

ACC = buf[i];

remainder ^= (ACC <<8);

for (k = 8; k > 0; --k)

{

if (remainder & TOPBIT)

{

remainder = (remainder << 1) ^0x8005;

}

else

{

remainder = (remainder << 1);

}

}

}

remainder = remainder^0x0000;

return remainder;

}

## （2）校验使用

int Length;

char buf\_temp[Length];

int check\_word;

check\_word = CalCrc( 0x0000 , buf\_temp , Length-2 )

buf\_temp[Length-2] = check\_word>>8;

buf\_temp[Length-1] = check\_word & 0x00FF;