

BY8001 series products

12c5a60s2 MCU serial control procedures, for example (for reference only) :

```
#include<reg52.h>
#define uchar unsigned char
#define uint unsigned int

uchar  Music1[7]={0x7e,0x05,0x42,0x00,0x01,0x46,0xef};
uchar  Music2[7]={0x7e,0x05,0x42,0x00,0x02,0x45,0xef};
uchar  Music3[7]={0x7e,0x05,0x42,0x00,0x03,0x44,0xef};
uchar  Music4[7]={0x7e,0x05,0x42,0x00,0x04,0x43,0xef};

uchar a;

void Send_dat(uchar dat);
void Play(uchar m,uchar d);
void delay(uint x)
{
    uint i,j;
    for(i=x;i>0;i--)
        for(j=600;j>0;j--);
}

void Uart_init()
{
    TMOD=0x20;
    TH1=0xfd;//fd
    TL1=0xfd;//fd
    TR1=1;
    SM0=0;
    SM1=1;
    REN=1;
    EA=1;
    ES=1;
    PCON=0x00;
}

void main()
{
    uchar i;
```

```
Uart_init();//串口初始化
```

```
delay(500);
```

```
while(1)
```

```
{
```

```
    Play(0x09,0x4e);
```

```
    //Send_dat(0X7E);
```

```
    while(1);
```

```
    }
```

```
}
```

```
void Send_dat(uchar dat)
```

```
{
```

```
    SBUF=dat;
```

```
    while(!TI);
```

```
    TI=0;
```

```
}
```

```
void Play(uchar m,uchar d)
```

```
{
```

```
    Send_dat(0X7E);
```

```
    Send_dat(0X05);
```

```
    Send_dat(0X42);
```

```
    Send_dat(0X00);
```

```
    Send_dat(m);
```

```
    Send_dat(d);
```

```
    Send_dat(0XEF);
```

```
}
```

```
void serial() interrupt 4
```

```
{
```

```
    a=SBUF;
```

```
    RI=0;
```

```
}
```