

大连佳显电子有限公司

1675A与1675B外加波形程序区别

—GDEM0154E97LT

1. 波形输出形式不同

1675A

```
const unsigned char LUT[]=
{
0x2,    0x48,    0x48,    0x10,    0x10,    0x10,    0x4,
0x4,    0x48,    0x48,    0x80,    0x0,    0x0,    0x20,
0xA2,   0x48,    0x48,    0x9,    0x2B,   0x2B,   0xC3,
0xA2,   0x48,    0x48,    0x9,    0x2B,   0x2B,   0xC3,
0x0,    0x0,    0x84,    0x0,    0x0,    0x0,    0x0,
0x2A,   0x27,    0x38,    0x71,    0x0,
0x2,    0x0,    0x2,    0x0,    0xA,
0x12,   0x1,    0x12,   0x1,    0x3,
0x5,    0x10,   0x0,    0x3,    0x3,
0x5,    0x3,    0x0,    0x2A,   0x6,
0x3,    0x2,    0x1,    0x28,   0x5,
0xA,    0x9,    0x4,    0xA,    0x3,
0x17,   0x41,   0xAC,   0x32,
0x1B,   0x7};
```

1675B

```
const unsigned char LUT[]=
{0xA9, 0x90, 0x10, 0x0, 0x0, 0x0, 0x10, 0x0, 0x0, 0x0,
0x19, 0x90, 0x80, 0x0, 0x0, 0x0, 0x80, 0x0, 0x0, 0x0,
0xA9, 0x90, 0x4, 0x8C, 0x8C, 0x8C, 0xC, 0x0, 0x0, 0x0,
0xA9, 0x90, 0x4, 0x8C, 0x8C, 0x8C, 0xC, 0x0, 0x0, 0x0,
0x0, 0x0, 0x0, 0x0, 0x0, 0x0, 0x0, 0x0, 0x0, 0x0,
0x21, 0x15, 0x23, 0x23, 0x1,
0x2, 0x2, 0x0, 0x0, 0x63,
0x6, 0x12, 0xC, 0x0, 0x5,
0x6, 0x1, 0x5, 0x1, 0x4,
0x1, 0x1, 0x12, 0x1, 0x14,
0x2, 0x1, 0xE, 0x1, 0x0,
0x1, 0x0, 0x0, 0x0, 0x5,
0x0, 0x0, 0x0, 0x0, 0x0,
0x0, 0x0, 0x0, 0x0, 0x0,
0x0, 0x0, 0x0, 0x0, 0x0,
0x17, 0x41, 0x96, 0x32, 0x40,
0x2C, 0x0B};
```

2. 部分指令代码不同

1675A

```

void Epaper_LUT(u8 * wave_data)
{
    u8 count;
    Epaper_Write_Command(0x32); //write LUT by MCU
    for(count=0; count<70; count++) Epaper_Write_Data(*wave_data++);
    Epaper_READBUSY();
}

void LUT_Written_by_MCU(void)
{
    Epaper_Write_Command(0x2C); //set vcom
    Epaper_Write_Data(vcom);

    Epaper_Write_Command(0x03); //set gate voltage
    Epaper_Write_Data(LUT[70]);

    Epaper_Write_Command(0x04); //set source voltage
    Epaper_Write_Data(LUT[71]); //vsh1
    Epaper_Write_Data(LUT[72]); //vsh2
    Epaper_Write_Data(LUT[73]); //vsl

    Epaper_Write_Command(0x3A); // set frequency1-dummy line
    Epaper_Write_Data(LUT[74]);
    Epaper_Write_Command(0x3B); // set frequency2-line width
    Epaper_Write_Data(LUT[75]);

    Epaper_LUT((u8*) LUT);
}
    
```

1675B

```

void Epaper_LUT(u8 * wave_data)
{
    u8 count;
    Epaper_Write_Command(0x32); //write LUT by MCU
    for(count=0; count<100; count++) Epaper_Write_Data(*wave_data++);
    Epaper_READBUSY();
}

void LUT_Written_by_MCU(void)
{
    Epaper_Write_Command(0x2C); //set vcom
    Epaper_Write_Data(vcom);

    Epaper_Write_Command(0x03); //set gate voltage
    Epaper_Write_Data(LUT[100]);

    Epaper_Write_Command(0x04); //set source voltage
    Epaper_Write_Data(LUT[101]); //vsh1
    Epaper_Write_Data(LUT[102]); //vsh2
    Epaper_Write_Data(LUT[103]); //vsl

    Epaper_Write_Command(0x3A); // set frequency1-dummy line
    Epaper_Write_Data(LUT[105]);
    Epaper_Write_Command(0x3B); // set frequency2-line width
    Epaper_Write_Data(LUT[106]);

    Epaper_LUT((u8*) LUT);
}
    
```