

Sozib al Mamun

Embedded software engineer

Single music Play:

```
void musicPlay(uint8_t musicNo ){  
  
    // printf("music%s function \n",musicNo>0? "Play":"Stop");  
    // printf("music No %d \n",musicNo);  
  
    #define M_DELAY_uS 300  
  
    for (size_t i = 0; i <=musicNo; i++)  
    {  
        gpio_set_level((gpio_num_t)MUSICPIN, 1);  
        ets_delay_us(M_DELAY_uS);  
        gpio_set_level((gpio_num_t)MUSICPIN, 0);  
        ets_delay_us(M_DELAY_uS);  
    }  
}
```

Music array play:

```
void musicArrayPlay(uint8_t *music ,uint8_t len){  
  
    // uint8_t len = strlen(music);  
  
    printf("music sizeof %d \n" , len);  
  
    for (size_t j = 0; j < len;j++)  
    {  
        // printf("music no %d \n" , music[j]);  
        musicPlay(music[j]);  
        j++;  
  
        if(j!=len){  
            // printf("music delay %d ms\n" , music[j] * 1000);  
            vTaskDelay(music[j]*10);  
        }  
    }  
}
```

Enable all peripheral:

```
shiftOutData.write=0x10;

sensorHandel();

// Initialize Conectivity-----
// bluFiStart();
//-----

shiftOutData.bitset.PEREN=1; //q3
vTaskDelay(pdMS_TO_TICKS(10));

shiftOutData.bitset.CAMEN=1;//q0
vTaskDelay(pdMS_TO_TICKS(10));

shiftOutData.bitset.CAMPDWN=0;//q6
vTaskDelay(pdMS_TO_TICKS(10));

shiftOutData.bitset.LCDEN=1;//q5
vTaskDelay(pdMS_TO_TICKS(10));
```