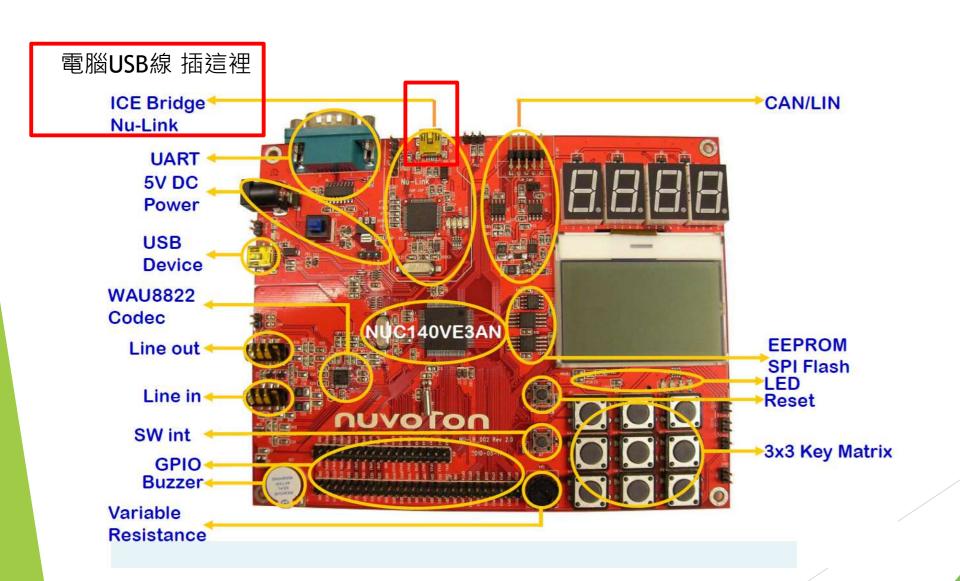
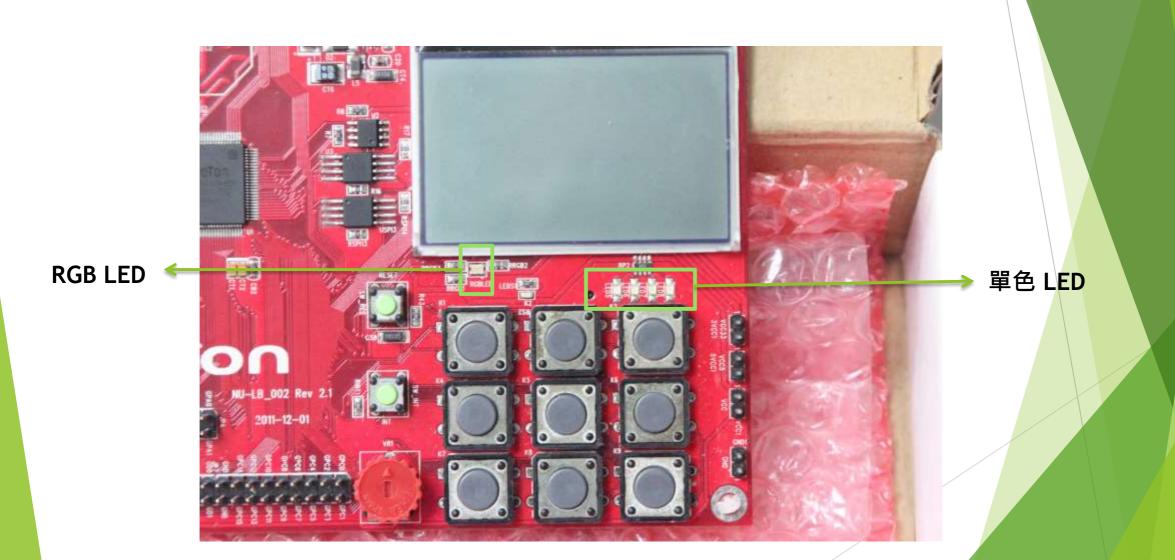
LED





### **LED**

#### 接腳類型及編號

	軟體參數名稱
RGB LED	E_GPA12 (Blue)
	E_GPA13 (Green)
	E_GPA14 (Red)
單色 LED	E_GPC12-15 (左到右)

1 是暗,0是亮

#### 舉例:單色 LED 只有最右邊燈是亮的

暫存器

0x7000

## 控制

- ▶暫存器
  - ► E\_GPA , E\_GPC
- ▶暫存器之存取
  - ▶ 指定某一暫存器
    - ► tGPIO\_A = (GPIO\_T \*)((uint32\_t)GPIOA + (0\*0x40));
    - ► tGPIO\_C = (GPIO\_T \*)((uint32\_t)GPIOA + (2\*0x40));
  - ▶於該暫存器中存取資料
    - ► tGPIO\_A->DOUT = 0x7000;

## 舉例

※除了單色LED 只有最右邊燈是亮的,其他燈都暗的。

```
int32_t main (void)
GPIO_T * tGPIO_C;
tGPIO_C = (GPIO_T *)((uint32_t)GPIOA + (2*0x40));
while(1)
     tGPIO_C -> DOUT = 0x7000;
```

# 作業

▶ 讓RGB LED燈依序顯示藍色綠色紅色 及四個單色LED燈由左至右依序循環發光