



[Forum: 32-bit PIC](#)

Topic: Harmony配置器"觀念"疑問

Subject: Harmony配置器"觀念"疑問

作者: PIC32MX

2017年01月05日 15:35:57

Harmony配置器

我需要PWM弁鄔狃H勾選的 "Use OC Drive"  
但OC這弁鄔u能用靜態的  
而Harmony配置器因為OC需要Timer配合  
所以配置器會自動幫我勾選"Use Timer Driver"  
雖然這時候Timer可選 動態 靜態  
但為了PWM弁鄔@定要用靜態Timer配合  
所以我只能將Timer配置為靜態  
因為動態Timer無法讓靜態OC使用

也就是說這樣我之後要加別的弁 (例如延遲、計數器)就不能用到動態的Timer弁鄔F是嗎

或者其實PWM弁鄔i以用動態Timer配合?  
最後再問可以Timer1用動態Timer2用靜態這樣嗎

附加檔案:

---

654564165.JPG(96.36 KB)

app.c x MPLAB® Harmony Configurator\* x system\_tasks.c x

Options\* Clock Diagram x Pin Diagram x Pin Settings x

- + Internal Ethernet MAC Driver
- + Flash
- + Graphics Controllers
- + Graphics Displays
- + I2C
- + IC
- + NVM
- OC
  - Use OC Driver?
    - Driver Implementation STATIC
    - Interrupt Mode
    - Number of OC Driver Instances 1
    - OC Driver Instance 0
      - OC module ID OC\_ID\_2
      - OC Modes OC\_COMPARE\_PWM\_MODE\_WITHOUT\_FAULT\_PROTECTION
      - OC Buffer Size OC\_BUFFER\_SIZE\_16BIT
      - OC Timebase Timer OC\_TIMER\_16BIT\_TMR2
      - Configure Timer driver for the selected instance of timer
      - OC Non PWM Mode 16-bit Compare Value 0
      - OC Pulse Width 4
- + PMP
- + RTCC
- + Sample
- + SD Card
- + SPI
- + SPI Flash Drivers
- + SRAM
- Timer
  - Use Timer Driver?
    - Driver Implementation STATIC
    - Interrupt Mode
    - Number of Timer Driver Instances 1
    - TMR Driver Instance 0
      - Timer Module ID TMR\_ID\_2
      - Interrupt Priority INT\_PRIORITY\_LEVEL1
      - Interrupt Sub-priority INT\_SUBPRIORITY\_LEVEL0
      - Clock Source DRV\_TMR\_CLKSOURCE\_INTERNAL
      - Alarm Functions (Callbacks)
      - Prescale TMR\_PRESCALE\_VALUE\_1
      - Operation Mode DRV\_TMR\_OPERATION\_MODE\_16\_BIT
      - Timer Period 9
- + Touch

<http://www.microchip.com.tw> 2018年05月28日 17:44:14 / 第 2 頁