PIC32MX220F032B + Nokia 5110 Graphic LCD (MPLAB Harmony Configurator)

PIC32MX220F032B_Nokia 5110 Graphic LCD_____

MPLAB Harmony Configurator

Harmony

×

×

Clock Confifurator(DDDClock Diagram)DDDDDDDDDD

×

×

×

×

- ×
- ×
- ×

PIC32MM0064GPL028 - MPLAB Code Configurator[][][MCCP[][]] []L][][][] -

D PIC32MM0064GPL028

PIC32MM0064GPL028 - MPLAB Code Configurator
DDDDTimer1DDDDLD
DDDDD -D

TimerDDDDDDDDDDDDDDCapture/Compare/PWM/Timer (CCP) modules DDD DDDDDDDTimerDDDDDDDDDDDD

Document of the second se

DDDDDDD Timer1 DDDDDDD Timer DDDDDDDDDDDMCCPDDDD 16-Bit D Timer DDDDDDDD

×

×

×

CCT1 -> LATB7(16pin) -> Logic Analyzer 1ch(Brown)

CCP1 -> LATB15(26pin) -> Logic Analyzer 0ch(Black)

CCT1 -> LATB7(16pin) -> Logic Analyzer 1ch(Brown) -> 96ms CCP1 -> LATB15(26pin) -> Logic Analyzer Och(Black) -> 128ms 1000000 / 64 / 1500 = 10.42Hz(96ms)1000000 / 64 / 2000 = 7.81Hz(128ms)× × Reference Manual × 00000Timer000001600007000000017500000000 ΠΠ □PIC32MM0064GPL028 + MCC □PWM□□□□□□□ PIC32MM0064GPL028 (□)□□(2019/02/05) IDE v5.10 XC32 v2.15 MCC v3.66 MCCP1 TMR PrimaryTimerCallBack();

MCCP1_TMR_SecondaryTimerCallBack();

```
×
```

PIC32MM0064GPL028 - MPLAB Code Configurator[][][UART1][][]

PIC32MM0064GPL028 - MPLAB Code Configurator
DDDD
Timer1DDDDL
DDDD
-DDDDD

System Module חחחחחחחח × × × × × × × × _____U1RX(26___)_USB______TX__U1TX(25___)_USB______ TX – RX 0000000000000 × Generate□□□ × nnnnnn uart1.c nnnnnnnnnnnnnnnnnnnnnn × Reference Manual

UxSTAbits.UTXBF: Transmit Buffer Full Status bit (read-only)
1 = Transmit buffer is full
0 = Transmit buffer is not full, at least one more character
can be written

UxTXREG: UARTx Transmit Register

This register provides the data to be transmitted.

Timer1 0000000000 TMR1_CallBack(); 0000000000

×

×

×

×

UART1_Write(UART1_Read()+1);

×

PIC32MM0064GPL028

×

×

PIC32MM0064GPL028 - MPLAB Code Configurator DDDDTimer1DD DDDDT -

PIC32MM0064GPL028 - L00000000 -00000PIC32MM0064GPL028 - L0
0000000(DIP0) -00000

____MPLAB Code Configurator(MCC)____Timer1____L___L____

MPLAB Code Configurator

____PIC32MM_MCC______(2016/10/25)_

[crayon-671749aded397390663950/]

×

×

____System______

×

×

×

Analog

×

Timer1000

×

500ms

×

Generate × tmr1.conTMR1 Start(void) on on one of the start(void) the start(void) the start (void) the star × main.c[int main(void){[SYSTEM Initialize();[]]][]][][][][][][][]][]] × tmr1.coodTMR1 ISR() [crayon-671749aded39d412420745/] × × PIC × L____Arduino × PICkit3_____GND____GND____MCLR(1__)___PGD1(4__)___PGC1(5__)___ × (□) TMR1 ISR(){____TMR1 CallBack(void){_______ × $\Pi \Pi (2021/09/18)$ 000004000000000 × ×

PIC32MM0064GPL028

PIC32MM0064GPL028 - L

MPLAB X IDE 5.45 000000000

PIC32MM0064GPL028_S0IC_______CODE______CODE_____CODE_____MPLAB Code Configurator(MCC)_____Timer1_____L____L____

×

×

×

×

×

×

PIC32MX120F032B — Harmony[]**PWM** []**LED**[][][][][][]] —

×

delay_____1ms_____1ms_____1ms_____1ms_____

×

OC_Timer2_____Timer1______Timer1______

[]]]]Timer3[]]][]](])

×



PIC32MX120F032B - PWM

PIC32MX120F32B

16____LED_____

LED____PIC32MX250F128B MPLABX XC32 Harmony ______ ____

×

PIC32MX__Pripheral Bus Clock(PBCLK)________ _____(SYSCLK)____PBDIV____Prescalor____PBCLK_____ PBDIV_____1:8_____

DDSYSCLK040MHz00000000000PBDIV00000000PBCLK05MHz000000 DD00016kHz00002kHz0000

MPLAB Code Configurator -PIC32MX120F032B []Timer1]Interrupt[]L]]]]] -

```
×
×
×
____System Module______
×
Description Modul Pin Manager Description
RB15nnnnnnnnnnnn
×
×
Device Resources
×
×
[Generate]
tmr1.c__TMR1 Start();_____main()_____
×
```

PIC32MX250F128B MPLABX XC32 Harmony []]]]]]]]]]])

0000TMR_ID_200000000

×

Timer100000

×

Harmony Help TMR_ID_2 Timer2

×

Output
Out