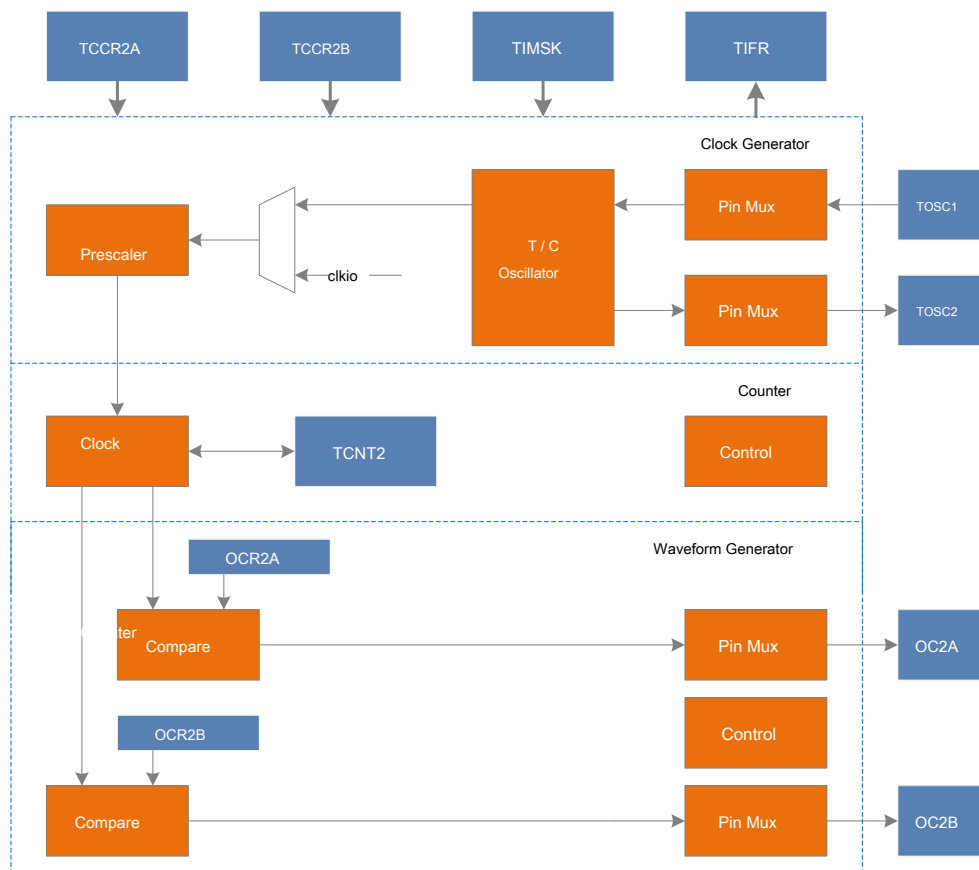## Timer / Counter 2 (TMR2)

- **8 Bit counter**

- Two independent comparing unit

- The counter is automatically cleared when compare match occurs and automatically loads

- **No disturb pulse phase correction PWM Export**

- Frequency generator

- External event counter

- **10 Bit clock prescaler**

- Overflow and Compare Match Interrupt

- **Allows the use of external 32.768KHz of RTC Crystal count**

Outline

TC2 Structure chart

TC2 Is a common 8 Bit timer counter module support PWM Output waveform can be generated accurately. TC2 contain 1 More 8 Bit counter, and a waveform generation mode control unit 2 Output comparison unit. Waveform generating mode generates the control unit controls the operation mode of the counter and comparing the output waveform. Depending on the mode of operation, a counter for counting each clock Clkt2 Cleared, incremented or decremented. Clkt2 It may be generated by an internal clock or an external clock source. When using an external 32.768KHz When the count of the crystal, TC2 Can be used RTC counter. When the count value of the counter TCNT2