

# 7 Timers/counters/interrupt

In the PWM section timer2 was used to control the period and duty cycle. The 18F4455 microcontroller has however four different timers.

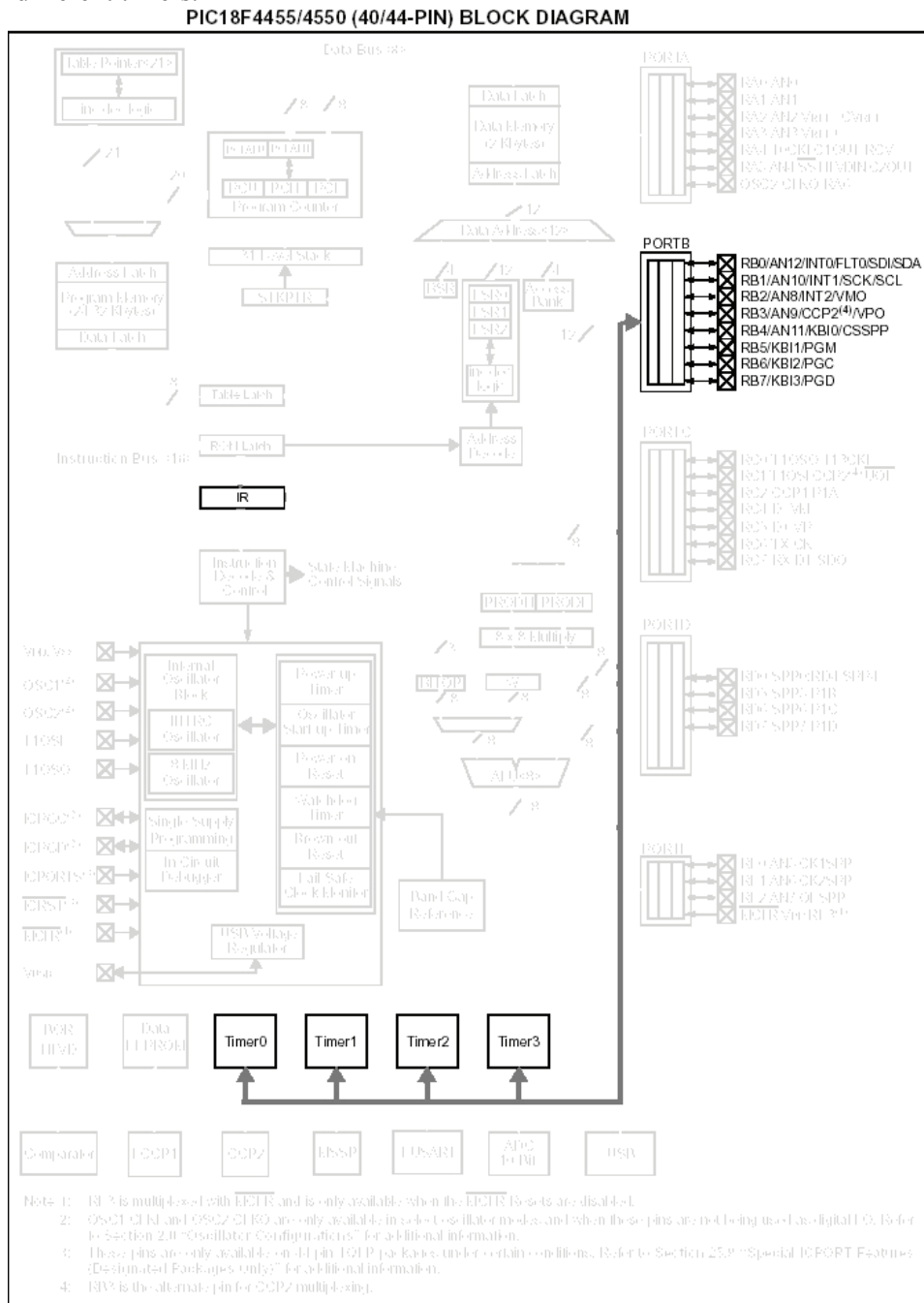


Figure 213. Timers, counters and interrupts (on port B).

Some of them can be used in combination with other features of the microcontroller. Timers can be used to time certain events, but sometimes also to count. What they do depends on where the clock signal comes from. If it comes from the clock you have a timer, if it comes from a pin connected to something outside the microcontroller you have a counter.