

# Laborator de Electronică Digitală (ED)

## MODULE TIMER

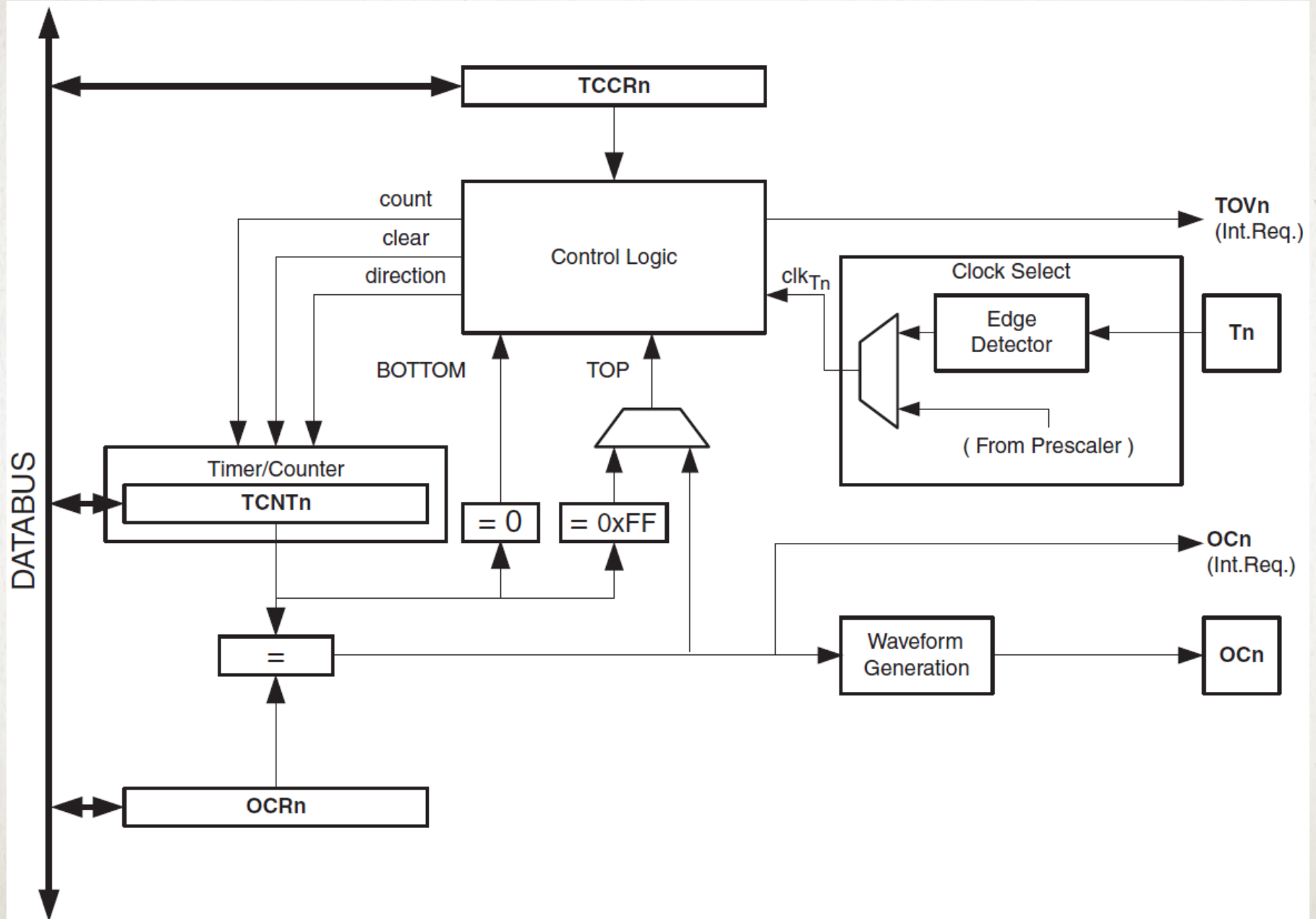
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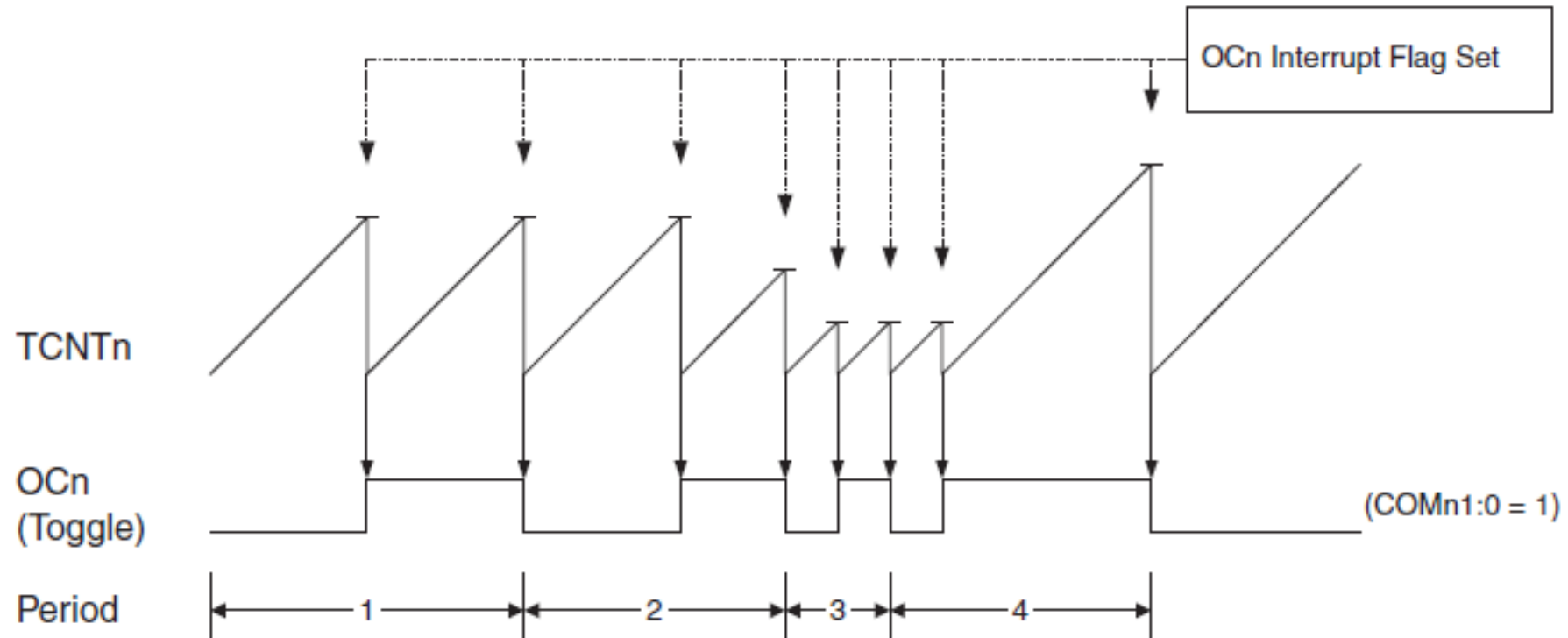
# TIMERE

- documentatie Atmega32 (doc2503.pdf)
  - 8-bit Timer/Counter0 with PWM -> Pag. 69
  - Structura interna -> Pag. 69
  - Moduri de functionare -> Pag. 73
  - Descrierea registrilor -> Pag. 80
-

# TIMERE



# TIMERE



# LABORATOR 3 - CERINTE

```
void init_timer()
{
    TCCR0 = 0b00000011;
    TCNT0 = 0;
}

.....
for(;;)
{
    if(TCNT0>=125)
    {
    }
}
```

- Implementati un ceas (2 digiti -> minute, 2 digiti -> secunde)