

$$F_{PWM} = \frac{F_{CLK}}{(ARR + 1) \times (PSC + 1)}$$

$$ARR = \frac{F_{CLK}}{(PSC + 1) \times (F_{PWM})} - 1$$

TIMER INTERRUPT

$$ARR = \frac{F_{CLK}}{(PSC + 1) \times (F_{INT})} - 1$$