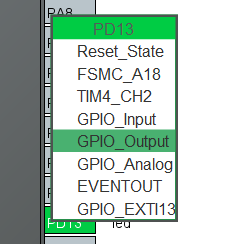
**Desription:**

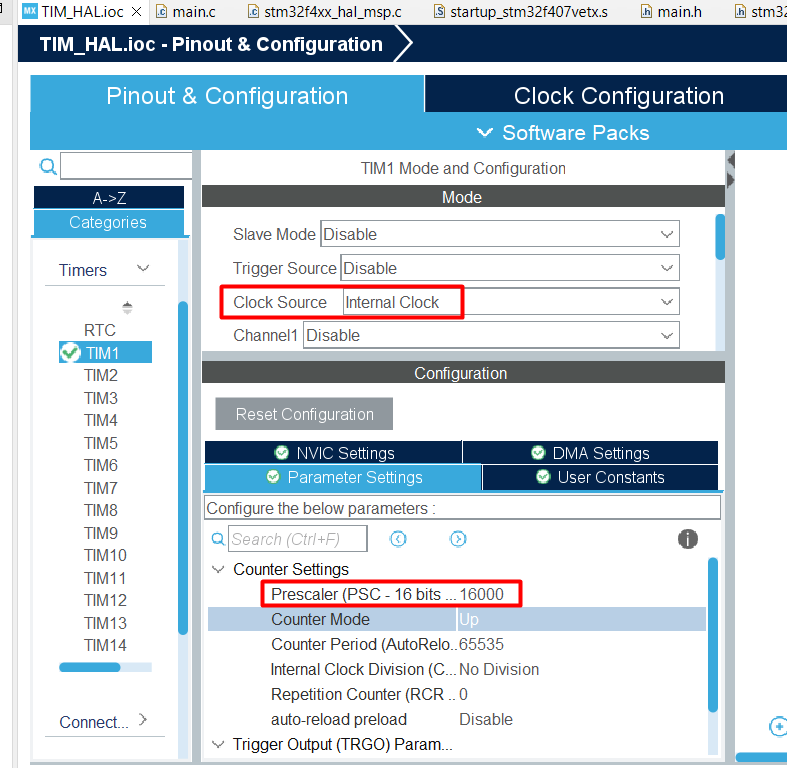
* Blink led periodically by applying upcounting mode.

**Config:**

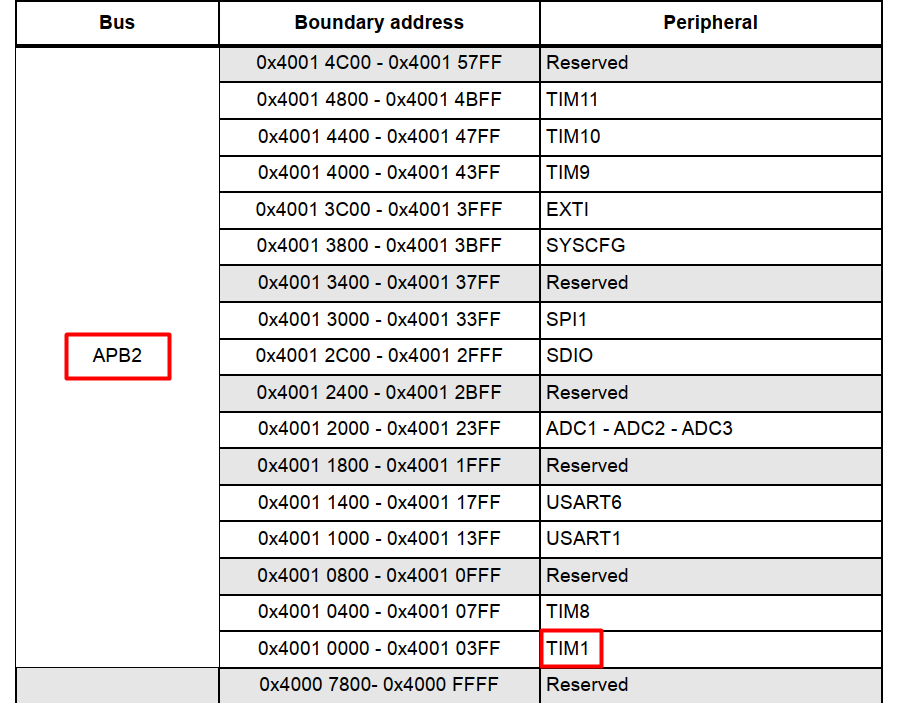
* Use user LD3 connected to the I/O PD13 of the STM32F407VGT6.

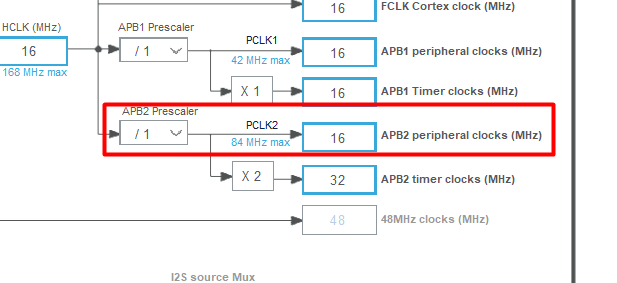


* Config for timer1:



* Because timer1 uses APB2 bus, take note frequency as below:





* I want to set 1 counter clock with period is 1ms (1000 Hz)

**CK\_CNT (expected counter clock) = CK\_PSC (input clock) / prescaler**

* Prescaler = CK\_PSC / CK\_CNT = 16,000,000 / 1,000 = 16,000

