

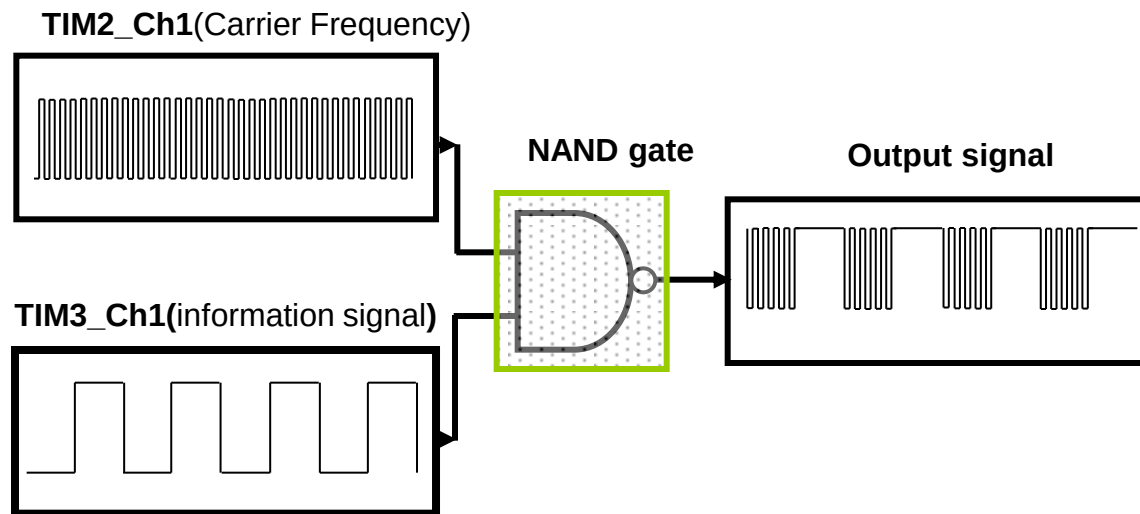


**MMS – MCD
Application Team**

STM8L Training Slides

Infra-Red Timer - IRTIM

- Used to drive Infrared LED for remote control application (consumer electronics)
- Infra-Red Timer uses two timers TIM2 and TIM3:
 - TIM2 used to generate the carrier frequency
 - TIM3 used to generate the information signal
 - TIM2 and TIM3 must be properly configured to generate correct waveforms
- High sink capability used to sink the high current needed to directly control an infra-red LED



- Which timers are used by the Infra-Red Timer interface ?

- Which timer is used to generate the carrier frequency and which one is used to generate the information signal ?

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