

HAL_RTC_AlarmAEventCallback

HAL_RTCEx_WakeUpTimerEvent
Callback

HAL_TIM_PeriodElapsedCallback

HAL_IncTick

```
graph LR; A[HAL_RTC_AlarmAEventCallback] --> D[HAL_IncTick]; B[HAL_RTCEx_WakeUpTimerEvent Callback] --> D; C[HAL_TIM_PeriodElapsedCallback] --> D;
```

The diagram illustrates a central function, HAL_IncTick, which is the target of three different callback functions. The callbacks are HAL_RTC_AlarmAEventCallback, HAL_RTCEx_WakeUpTimerEvent Callback, and HAL_TIM_PeriodElapsedCallback. Arrows from each of these three boxes point towards the HAL_IncTick box, indicating that these callbacks eventually lead to an increment of the tick counter.