**Gpt module**

# API

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| API | Usage |
| void Gpt\_Init(const Gpt\_ConfigType\* ConfigPtr); | This API takes pointer to the configuration container of the Gpt driver to initialize the configured timers |
| void Gpt\_DisableNotification(Gpt\_ChannelType ChannelId); | This API is used to disable all notifications for the entered timer |
| void Gpt\_EnableNotification(Gpt\_ChannelType ChannelId); | This API is used to enable all notifications for the entered timer |
| void Gpt\_StartTimer(Gpt\_ChannelType ChannelId,Gpt\_ValueType Value); | This API enables the entered timer |
| void Gpt\_StopTimer(Gpt\_ChannelType ChannelId); | This API disables the entered timer |

## Typedef

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| Typedef | usage |
| Gpt\_ChannelType | Used to Choose the timer |
| Gpt\_ModeType | Used to select normal mode or sleep mode |
| Gpt\_Mode | Used to select the timer mode |
| Gpt\_CaptureMode | Used to select the capture on rising or falling edge |
| Gpt\_ConfigChannel | Used to hold struct for every configured timer |