

API Reference

Here is a list of all modules:

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▼ Bluetooth

► Common

MediaTek LinkIt development platform for RTOS provides Bluetooth Low Energy (LE) connectivity support for IoT and Wearable's applications

This section introduces the following modules - the memory management, the power management, the host controller interface, the universally unique identifier

► GAP

This section introduces the Generic Access Profile (GAP) APIs including terms and acronyms, supported features, details on how to use this driver, GAP function groups, enums, structures and functions

► GATT

This section introduces the GATT Client and Server and service framework using the attribute protocol to discover services and read and write characteristic values from a peer device

▼ FOTA

This section introduces the FOTA interface APIs including terms and acronyms, supported features, software architecture, details on how to use this interface, FOTA function groups, enums, structures and functions

Enums

▼ HAL

This section introduces the HAL driver APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, HAL function groups, enums, structures and functions

► ADC

This section describes the programming interfaces of the Analog-to-Digital Converter (ADC) HAL driver

► AES

This section introduces the AES driver APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, AES function groups, enums, structures and functions

► CACHE

This section describes the programming interfaces of the CACHE controller

► DES

This section introduces the DES driver APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, DES function groups, enums, structures and functions

► EINT

This section introduces the External Interrupt Controller(EINT) APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, EINT function groups, enums, structures and functions

► FLASH

This section describes the programming interfaces of the FLASH driver

► GDMA

This section introduces the General Direct Memory Access(GDMA) APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, GDMA function groups, enums, structures and functions

► GPC

This section introduces the General Purpose Counter(GPC) APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, GPC function groups, enums, structures and functions

► GPIO

This section provides introduction to the General Purpose Input Output (GPIO) APIs, including terms and acronyms, features, architecture, how to use APIs, the GPIO function groups, enums, structures and functions

► GPT

This section introduces the General Purpose Timer(GPT) driver APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, GPT function groups, enums, structures and functions

► I2C_MASTER

► I2S

This section introduces the I2S APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, I2S function groups, enums,

	structures and functions
▶ IRRX	This section introduces the Infrared Receiver(IRRX) APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, IRRX function groups, enums, structures and functions
▶ IRTX	This section introduces the Infrared Transmitter(IRTX) APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, IRTX function groups, enums, structures and functions
▶ MD5	This section introduces the MD5 driver APIs including terms and acronyms, supported features, software architecture, details on how to use this driver
▶ NVIC	This section introduces the Nested Vectored Interrupt Controller(NVIC) HAL APIs including terms and acronyms, details on how to use this driver, supported features, enums, structures and functions
▶ PWM	This section introduces the Pulse-Width Modulation(PWM) APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, PWM function groups, enums, structures and functions
▶ RTC	This section introduces the Real-Time Clock (RTC) APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, enums, structures and functions
▶ SHA	This section introduces the SHA driver APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, SHA function groups, enums, structures and functions
▶ SLEEP_MANAGER	This section introduces the Sleep Manager driver APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, Sleep Manager function groups, enums, structures and functions
▶ SPI_MASTER	This section introduces the Serial Peripheral Interface Master (SPI_Master) APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, enums, structures and functions
▶ SPI_SLAVE	This section introduces the SPI Slave APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, enums, structures and functions
▶ TRNG	This section introduces the True Random Number Generator(TRNG) APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, TRNG function groups, enums, structures and functions
▶ UART	This section introduces the Universal Asynchronous Receiver/Transmitter (UART) APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, UART function groups, enums, structures and functions
▶ WDT	This section introduces the Watchdog Timer (WDT) APIs including terms and acronyms, supported features, software architecture, details on how to use this driver, enums, structures and functions
▼ MiniCLI	This section introduces the MiniCLI APIs including terms and acronyms, supported features, details on how to use the MiniCLI, function groups, enums, structures and functions
Define Struct Typedef	
▼ NVDM	This section introduces the NVDM APIs including terms and acronyms, supported features, software architecture, details on how to use the NVDM, enums, structures, typedefs and functions
Enum	
▼ Smart_Connection	This section introduces MediaTek Smart Connection APIs including details on how to use the APIs, enums, structures and functions
Enum	
▼ WIFI	This section introduces the Wi-Fi driver APIs including terms and acronyms, supported

Define Enumeration Structure Typedef	features, software architecture, details on how to use this driver, Wi-Fi function groups, enumerations, structures and functions
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