

MC60 OpenCPU SDK

Release Notes

GSM/GPRS/GNSS Module Series

Rev. MC60_OpenCPU_GS3_SDK_Release_Notes_V1.6

Date: 2018-10-31

1. Preamble

This document provides the Release Notes for MC60 OpenCPU GS3 SDK version **V1.6**. It describes major changes compared to MC60 OpenCPU GS3 SDK version **V1.4**. For a detailed listing of all changes, refer to the MC60 OpenCPU Series User Guide.

2. New Features

Item /Category	Brief description	Since
GNSS	Added the <code>QL_GNSS_PowerOn</code> interface to obtained the NMEA message in OpenCPU.	V1.4
OTHER	Added the parameter <code>QL_UART_TX_BUF_SEND_OUT</code> for <code>QL_UART_GetOption</code> to check whether the serial data is sent out or not.	V1.6
GNSS	Added the <code>RIL_GPS_GetPowerState</code> to get the GPS Power status.	V1.6
GNSS	Added the <code>RIL_GPS_SetRefLoc</code> to set reference position.	V1.6
QuecLocator	Added third parameters for “ AT+QLOCCFG ” to get the error code when getting the location fail.	V1.6
QuecLocator	Added base station positioning synchronization mode.	V1.6

3. Improved Features

Item/Category	Brief description	Since
OTHER	Fixed the bug that URC is returned when using “ AT+CREG?/AT+CGREG? ” to query network status.	V1.4
BT	Fixed the bug that the module cannot receive special characters during SPP communication.	V1.4
SMS	Fix SMS Data Coding Scheme(DCS) issue.	V1.4
OTHER	Fixed the bug that <code>QL_Get_Message()</code> can not return,thus cause other messages can not be handled after call <code>QL_GPRS_ActiveEx()</code> or <code>QL_Socket_ConnectEx()</code> synchronization APIs.	V1.4
FTP	Fixed the bug that in FTP passive mode to establish connection server to return LAN address and cause connection failure.	V1.6

4. Functions

Basic API

UART	GPIO	EINT	PWM	ADC	IIC	SPI	CLOCK	WatchDog
Y	Y	Y	Y	Y	Y	Y	N	Y
SYSTEM	TIME	TIMER	POWER	MEMORY	File System ¹⁾	SOCKET	FOTA	TRACE
Y	Y	Y	Y	Y	Y	Y	Y	Y
STDLIB	CAMERA	LCD	Touch panel					
Y	N	N	N					

RIL API

AT	SMS	CALL	FTP	HTTP	AUDIO ²⁾	Quec Locator	ALARM	Secure Data
Y	Y	Y	Y	Y	Y	Y	Y	Y
BT ³⁾	NTP	GNSS	QuecFastFi x Online					
Y	Y	Y	Y					

NOTES

1. Y means the SDK supports this function.
2. N means the SDK does not support this function.
3. ¹⁾ Supports UFS/RAM/SD FILE only.
4. ²⁾ Supports Audio Record/Play.
5. ³⁾ Supports BT 3.0 only, includes SPP, HFP, OPP.