

A7682M7 Firmware Release Note

Latest Version: A011B05A7682M7

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A7682M7 LTE

1 Preamble

This Release Note introduces A7682M7 Firmware versions and briefly describes the benefits over preceding release. Also you can find differences compared with preceding release.

New Features: list features or AT commands which are newly developed compared with the preceding version.

Improved Features: list features or parameters that have been changed or improved compared with the preceding version.

Related documents

- [1] A76XX Series_AT Command Manual_V1.07.docx
- [2] A76XX Series_TCPIP_Application Note_V1.02.docx
- [3] A76XX Series_HTTP(S)_Application Note_V1.02.docx
- [4] A76XX Series_FTP(S)_Application Note_V1.02.docx
- [5] A76XX Series_MQTT(S)_Application Note_V1.02.docx
- [6] A76XX Series_SSL_Application Note_V1.02.docx
- [7] A76XX Series_LBS_Application Note_V1.02.docx
- [8] A76XX Series_UART_Application Note_V1.02.docx
- [9] A76XXSeries_Sleep Mode_Application Note_V1.02.docx
- [10] A76XX Series_UIM HOT SWAP_Application Note_V1.01.docx
- [11] A76XX 系列_云平台协议_应用文档_V1.01.docx
- [12] A76XX Series_Audio_Application Note_V1.02.docx
- [13] A7600 Series_Linux_USB_Application Note_V1.02.docx
- [14] A76XX Series_FOTA_Application Note_V1.00.docx
- [15] A76XX Series_Android_Linux_Upgrade_Manual_V1.01.docx

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[New Features]

[Improved Features]

1. Fixed the issue: AT+CTBURST band B7 cannot be tested.
2. Fixed the issue: TCPIP transparent transmission function, sending oversized packets of data may exit function and data loss.
3. Fixed the issue: USSD returns in hex.
4. Fixed the issue: Some of the stress test situations, the crash problem.
5. Optimized the format or return value of some instructions.

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[New Features]

1. Jamming Detection support.

[Improved Features]

1. At 2G , when the mask is turned on, the module will repeatedly report the URC with interference or no interference.
2. Fixed the issue: [FTP] At 2G, +CFTPSGET sends big data, the module will crash.
3. Fixed the issue: AT+CFTPSPUT/+CFTPSGET/+CFTPSGETFILE When an overlong file is uploaded or downloaded, the module restarts.
4. Fixed the issue: Ati returns only OK after SIMEI is set.
5. Fixed the issue: Under 2G network, input AT+CMQTTDISC disconnect command twice consecutively, the module will crash.
6. Fixed the issue: [AUDIO] The module will crash when a call is connected during AUDIO playback
7. Fixed the issue: AT+CLBS=2, the module will occasionally restart.

Version: A011B03A7682M7**[New Features]**

1. ASR baseline upgrade.

[Improved Features]

1. Fixed the issue: RTS serial port flow control pin status is not correct, must force to pull down the RTS.
2. Fixed the issue: Repeat the +HTTPACTION and +HTTPDATA commands and the module will occasionally restart when used on 2G network.
3. Fixed the issue: cmqttsub Subscription topic exceeds a certain amount of data, query again will cause the module to crash.
4. Fixed the issue: PPP repeatedly dial-up, module crash probability.
5. Fixed the issue: If there is too much data in the CCH buffer, connect to the server again and restart the module when receiving data.

Version: A011B02A7682M7**[New Features]**

1. ASR baseline upgrade.

[Improved Features]

1. Fixed the issue: Abnormal ADC calibration.
2. Fixed the issue: [CALL] Run the AT+CCFC=5 command twice, and the module automatically restart.
3. Fixed the issue: The <text> parameter in the AT+CPBW command can be successfully executed without quotation marks.
4. Fixed the issue: [Packet Domain] CGDCONT deleted the active PDP, and an error was reported. However, the PDP was deleted after the restart.
5. Fixed the issue: Repeated operations on MQTT resulted in an occasional module restart.
6. Fixed the issue: Press the reset button, the module is powered on.

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