

AN01700

LoRaWAN AT Command Firmware Complete

V1.2

Document information

Info	Content
Keywords	<i>LoRaWAN, AT Command, UART, USB</i>
Abstract	This document defines AT command format used by RisingHF LoRaWAN module

1 Features

Version	LoRaWAN	Class	Flash Size	Features	Documentation
V1.9.4	v1.0	A / C	64KB		PS01509-V2.x
V2.0.x	v1.0.1	A / C	64KB		PS01509-V3.x
V2.1.x	v1.0.2	A / C	64KB		PS01509-V4.x
V2.2.x	v1.0	A / C	64KB	CLAA	PS01509-V3.1 UM11607
V3.x.x	v1.0.2 & V1.0.2B	A / B / C	128KB		PS01709

2 Part Number

2.1 Hardware Resources

Part Number	MCU	434/470MHz TX Power (dBm)	868/915MHz TX Power (dBm)	AT Modem
RHF76-052A	ROM 64KB / RAM 8KB	19	14	No
RHF76-052C	ROM 64KB / RAM 8KB	NA	19	No
RHF76-052D	ROM 128KB / RAM 20KB	19	14	No
RHF78-052A	ROM 64KB / RAM 8KB	19	NA	No
RHF78-052D	ROM 128KB / RAM 20KB	19	NA	No
RHF76-052AM	ROM 64KB / RAM 8KB	19	14	Yes
RHF76-052CM	ROM 64KB / RAM 8KB	NA	19	Yes
RHF76-052DM	ROM 128KB / RAM 20KB	19	14	Yes
RHF78-052AM	ROM 64KB / RAM 8KB	19	NA	Yes
RHF78-052DM	ROM 128KB / RAM 20KB	19	NA	Yes
RHF0M003LF	ROM 128KB / RAM 20KB	19	NA	Yes
RHF0M003HF	ROM 128KB / RAM 20KB	NA	19	Yes
RHF3M076	ROM 64KB / RAM 8KB	19	14	Yes
RHF3M076B	ROM 128KB / RAM 20KB	19	14	Yes
RHF3M072	ROM 128KB / RAM 20KB	19	14	Yes

2.2 Firmware Series

Part Number	Flash Size	Interface	V1.9.4	V2.0.x	V2.1.x	V2.2.x	V3.x.x	Status
RHF76-052AM	64KB	UART		Yes	Yes	Yes		Active
RHF76-052CM	64KB	UART		Yes	Yes			Active
RHF76-052DM	128KB	UART		Yes	Yes		Yes	Active
RHF78-052AM	64KB	UART		Yes	Yes			Active
RHF78-052DM	128KB	UART		Yes	Yes		Yes	Active
RHF3M076	64KB	USB	Yes					Obsolete (Replaced by RHF3M076B)
RHF3M076B	128KB	USB	Yes		Yes		Yes	Active
RHF3M072	128KB	UART			Yes		Yes	Active

Part Number	Flash Size	Interface	V1.9.4	V2.0.x	V2.1.x	V2.2.x	V3.x.x	Status
RHF0M003LF	128KB	UART			Yes		Yes	Active
RHF0M003HF	128KB	UART			Yes		Yes	Active

Revision

V1.2 2018-01-26

+ Added RHF0M003xx

V1.1 2017-07-22

+ Added Hardware Resources and Firmware Series

+ Added more part numbers

V1.0 2017-06-02

+ First version

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