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SIM7X00 Series_UIM HOT SWAP _Application Note_V1.00

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Version History

Date	Version	What is new	Author
2017-02-24	1.00	New version	

Scope

This document presents the AT command of UIM HOT SWAP operation and application examples. This document can apply to SIM7X00 series modules, including SIM7500A-H, SIM7500JC,SIM7500E,SIM7500E-H,SIM7500SA,SIM7500SA-H.

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1 Introduction

1.1 Overview

This document introduces UIM card detection and UIM hot swap.

1.2 References

The present document is based on the following documents:

SIM7X00 Series_AT Command Manual.

1.3 Terms and Abbreviations

For the purposes of the present document, the following abbreviations apply:

- PIN Personal Identification Number
- PUK Personal Unlock Key
- SIM Subscriber Identity Module

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2 Command Example

2.1 Enable UIM Hot Swap

Output from phone	Response from accessory	Note
Query current active level:		
AT+UIMHOTSWAPLEVEL?	+UIMHOTSWAPLEVEL: 1 OK	The default value 1
Set hot swap on:		
AT+UIMHOTSWAPON=1	OK	Enable hot swap.
Reboot system:		
AT+CRESET	OK	

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3 UIM Hot Swap Commands

3.1 AT+UIMHOTSWAPON Set UIM hot swap function on

Description

This command is used to set uim hot swap function on.

SIM PIN	References
NO	Vendor

Syntax

Read Command	Responses
AT+ UIMHOTSWAPON?	+UIMHOTSWAPON: <onoff> OK
Write Command	**Responses**
AT+UIMHOTSWAPON =<onoff>	OK
	ERROR

Defined values

<onoff>	
0	– The UIM hot swap function is disabled
1	– The UIM hot swap function is enabled

Examples

```
AT+UIMHOTSWAPON?
+UIMHOTSWAPON: 0
OK
AT+UIMHOTSWAPON=1
OK
```

3.2 AT+UIMHOTSWAPLEVEL Set UIM card detection level

Description

This command is used to set UIM card detection active level.

SIM PIN	References

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NO	Vendor

Syntax

Read Command	Responses
AT+UIMHOTSWAPLEVEL?	+UIMHOTSWAPLEVEL: <level> OK
Write Command	**Responses**
AT+UIMHOTSWAPLEVEL =<level>	OK ERROR

Defined values

<level>
0 – ACTIVE_LOW
1 – ACTIVE _HIGH

Examples

```
AT+UIMHOTSWAPLEVEL?
+UIMHOTSWAPLEVEL: 1
OK
AT+UIMHOTSWAPLEVEL=0
OK
```

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