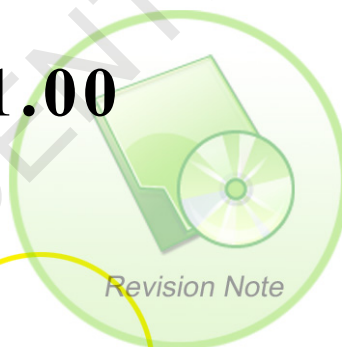




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# **SIM7X00 Series\_UIM HOT SWAP \_Application Note\_V1.00**



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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.

## Contents

Version History.....	2
Scope.....	2
<b>Contents .....</b>	<b>3</b>
<b>1 Introduction .....</b>	<b>4</b>
<b>1.1 Overview .....</b>	<b>4</b>
<b>1.2 References .....</b>	<b>4</b>
<b>1.3 Terms and Abbreviations.....</b>	<b>4</b>
<b>2 Command Example.....</b>	<b>5</b>
<b>2.1 Enable UIM Hot Swap.....</b>	<b>5</b>
<b>3 UIM Hot Swap Commands.....</b>	<b>6</b>
3.1 AT+UIMHOTSWAPON Set UIM hot swap function on.....	6
3.2 AT+UIMHOTSWAPLEVEL Set UIM card detection level.....	6

# 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

## 2 Command Example

### 2.1 Enable UIM Hot Swap

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

### 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 L?	+UIMHOTSWAPLEVEL: <level> OK
Write Command	Responses
AT+UIMHOTSWAPLEVEL L=<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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