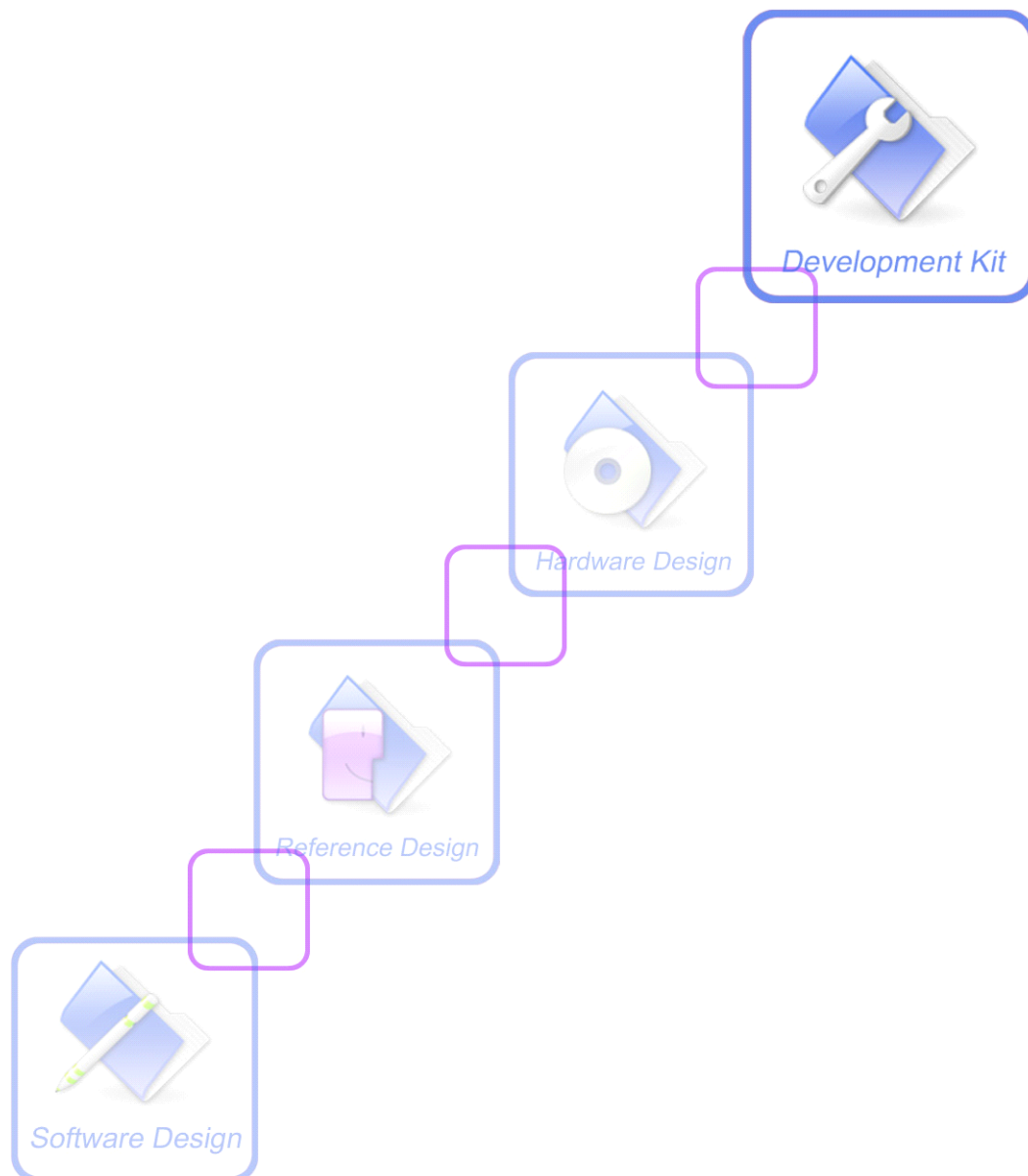


SIM DM Application Note



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Version History

Version	Chapter	Comments	Author
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1. Introduction

1.1 Overview

This document will depict the usage of SIM DM update function supplied by SIM52XX. User can get useful information about the SIM52XX's updating function quickly through this document.

1.2 References

- [1] SIMCOM_SIM52XX_ATC_EN_Vx.xx.doc.
- [2] SIM52xx_Delta_Package_Update_Application_note_V0.01.doc

1.3 Terms and Abbreviations

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

- AT Attention; the two-character abbreviation is used to start a command line to be sent from TE/DTE to TA/DCE

2. Use SIM DM Update

2.1 step by step

- 1) You must have the right delta package ready in FOTA SERVER first.
- 2) Receive a FOTA format short message from FOTA SERVER.
- 3) Download delta package from the FOTA SERVER, and write the package into the specified partition on the module automatically or using AT+FOTASTART (it depends on the SMS content)
- 4) Reset the module automatically or using AT+FOTARESET (it depends on the SMS content).
- 5) After resetting, execute AT+FOTASETAGENT to feed back the update information to the FOTA SERVER.

After the module resets it will check to see if it needs to update the firmware, if so it will enter the updating process and the status led will blinking for attention.

After the updating process finished it will reset again and start-up with the new firmware.

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