

LEON-G100 System and Delta Description

Edition 2009

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1 Document Mission/Scope

1.1 Mission

Aim of this document is to describe the differences between two system configuration in terms of HW and / or SW and provide analysis of their impact on the system behavior.

1.2 Scope

The document is addressed to the project team of LEON and the people involved in the testing of LEON wireless module.

2 List of Acronyms

Abbreviation / Term	Explanation / Definition
ADC	Analog to Digital Converter
AT	AT Command Interpreter Software Subsystem, or attention
BoM	Bill Of Materials
FTP	File Transfer Protocol
GPRS	General Packet Radio Service
GSM	Global System for Mobile Communication
HTTP	HyperText Transfer Protocol
HW	Hardware
SMTP	Simple Mail Transfer Protocol
SW	Software

3 Affected Products

Technology	Product Name	Order Number	Type No (Old)	Type No (New)	Remarks
GSM/GPRS	LEON-G100				
GSM/GPRS	LEON-G200				

4 System Configuration

LEON-G200 (FCC ID: XPYLEONG200, IC ID: 8595A-LEONG200) system configuration:

- Hardware Revision: GB01.HW.HR.100A00
- Software Revision: GB01.SW.SR.G200_07.15.00

LEON-G100 (FCC ID: XPYLEONG100, IC ID: 8595A-LEONG100) system configuration:

- Hardware Revision: GB01.HW.HR.100AA0

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- Software Revision: GB01.SW.SR.G100_07.15.00

5 Type of Change

The differences between the two system configurations consist of:

Hardware modification

From GB01.HW.HR.100A00 (LEON-G200) to GB01.HW.HR.100AA0 (LEON-G100)

- Changes in BoM to remove the charger functionality and add the availability of an ADC.

Software update

From GB01.SW.SR.G200_07.15.00 (LEON-G200) to GB01.SW.SR.G100_07.15.00 (LEON-G100)

- Changes in the AT interface:
 - Support AT command to read the ADC;
 - Removal of AT commands for HTTP, FTP, SMTP and digital audio client for FOTA (Firmware Over The Air).

u-blox declares under its sole responsibility that the differences between the two system configurations have no impact on the RF performances of the related products:

6 Description of Change

Refer to chapter 5.

7 Test List

None.

8 Customer Impact and Recommended Action

None.

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9 References

9.1 External

N.A.

9.2 Internal

N.A.

10 Document change report

Change Reference			Record of changes made to previous released version	
Revision	Date	CR	Section	Comment
1.0	07/09/2009	N.A.	All document	Document created
1.1	16/09/2009	Lorenzo Pahor	Chapter 4 and Chapter 5	Added FCC ID, IC ID for LEON-G100 and LEON-G200 and improved the correlated the HW releases with the modules name In the SW update corrected the description WAS: Support AT commands for HTTP,.... BECOME: Removal of AT commands for HTTP,.....

11 Approval

Revision	Approver(s)	Date	Source/signature
1.0	Fabio Vesnaver	07/09/2009	Document stored on server
1.1	Fabio Vesnaver	16/09/2009	Document stored on server

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