

ERRATA SHEET

Date: 2009 July 23
Document Release: Version 1.0
Device Affected: LPC1343

This errata sheet describes both the functional problems and any deviations from the electrical specifications known at the release date of this document.

Each deviation is assigned a number and its history is tracked in a table at the end of the document.

2009 July 23

Document revision history

Rev	Date	Description
1.0	July 23 2009	First version

Identification

The typical LPC1343 devices have the following top-side marking:

LPC1343xxx

xxxxxxx

xxYYWW R[x]

The last/second to last letter in the third line (field 'R') will identify the device revision. This Errata Sheet covers the following revisions of the LPC1343:

Revision Identifier (R)	Comment
'A'	Initial device revision

Field 'YY' states the year the device was manufactured. Field 'WW' states the week the device was manufactured during that year.

Errata Overview - Functional Problems

Functional Problem	Short Description	Device Revision the problem occurs in
ISP.1	When using In-System Programming (ISP) via the UART serial port, sector 0 cannot be erased if it is the only sector being erased.	'A'

Errata Overview - AC/DC Deviations

AC/DC Deviation	Short Description	Device Revision the deviation occurs in
n/a	n/a	n/a

Errata Notes

Notes	Short Description	Device Revision the note applies to
n/a	n/a	n/a

Functional Problems of LPC1343

ISP.1: When using In-System Programming (ISP) via the UART serial port, sector 0 cannot be erased if it is the only sector being erased.

Introduction: On the LPC13xx, programming, erasure and re-programming of the on-chip flash can be performed using In-System Programming (ISP) via the UART serial port, and also, can be performed using In-Application Programming (IAP) calls directed by the end-user code. For In-System Programming (ISP) via the UART serial port, the ISP command handler (resides in the bootloader) allows erasure of one or more sector (s) of the on-chip flash memory.

Problem: When using In-System Programming (ISP) via the UART serial port, sector 0 cannot be erased if it is the only sector being erased. In-Application Programming (IAP) calls directed by the end-user code are not affected by this problem.

Workaround: To erase sector 0, multiple sectors need to be selected.