



SAM9X60 SIP Device

SAM9X60 SIP Device Silicon Errata and Data Sheet Clarifications

SAM9X60 SIP Device

The SAM9X60 SIP device that you have received conforms functionally to the current Device Data Sheet (DS60001580), except for the anomalies described in this document.

The silicon issues discussed in the following pages are for silicon revisions with the Device and Revision IDs listed in the following table. The silicon issues are summarized in [1. Silicon Issue Summary](#).

Note: This document summarizes all silicon errata issues from all revisions of silicon, previous as well as current.

Data Sheet clarifications and corrections (if applicable) are located in [3. Data Sheet Clarifications](#), following the discussion of silicon issues.

The Device and Revision ID values for the SAM9X60 SIP silicon device are shown in the following table.

Table 1. SAM9X60 SIP Silicon Device Identification

Part Number	Silicon Revision	Device Identification	
		CHIPID_CIDR[31:0]	CHIPID_EXID[31:0]
SAM9X60D5M	A0	0x819B35A2	0x00000001
	A1	0x819B35A1	
SAM9X60D1G	A0	0x819B35A2	0x00000010
	A1	0x819B35A1	
SAM9X60D6K	A0	0x819B35A2	0x00000011
	A1	0x819B35A1	

Note: Refer to the "Chip Identifier" and "Product Identification System" sections in the current device data sheet (DS60001580) for detailed information on chip identification and version for your specific device.

1. Silicon Issue Summary



Important: The following issues come in addition to the issues listed in the SAM9X60 device errata (DS80000846).

Table 1-1. Silicon Issue Summary

Module	Item/Feature	Summary	Affected Silicon Revisions		
			A0	A1	
Package Marking	2.1 Wrong Package Marking for Selected 512 Mb DDR2-SDRAM SIP Parts	Some parts marked “SAM9X60D5M-V” instead of “SAM9X60D5M-I”	X	X	
	2.2 Wrong Package Marking for Selected 1 Gb DDR2-SDRAM SIP Parts	Some parts marked “SAM9X60D1G-V” instead of “SAM9X60D1G-I”	X	X	

2. Package Marking

2.1 Wrong Package Marking for Selected 512 Mb DDR2-SDRAM SIP Parts

Parts with the following date codes were wrongly marked SAM9X60D5M-V instead of SAM9X60D5M-I:

1932U2W, 1932U3R, 1932U43, 1937AEY

Work Around

None

Affected Silicon Revisions

A0	A1						
X	X						

2.2 Wrong Package Marking for Selected 1 Gb DDR2-SDRAM SIP Parts

Parts with the following date codes were wrongly marked SAM9X60D1G-V instead of SAM9X60D1G-I:

1932TT3, 1932VY9, 1932VYA, 1937AEJ

Work Around

None

Affected Silicon Revisions

A0	A1						
X	X						

3. Data Sheet Clarifications

No clarifications to report at this time.

4. Revision History

4.1 DS80000859B - 10/2021

Added silicon revision information throughout

4.2 DS80000859A - 10/2019

First issue.

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