# BASIC Stamp® 2e Module Firmware Revision Details

This document contains details of revisions made to the BASIC Stamp 2e module firmware. In many cases, newer firmware simply provides minor enhancements and older firmware will not adversely affect your application. Please check the notes below to determine if your application could benefit from the indicated firmware modifications.

You can check the firmware version of your BASIC Stamp 2e module by connecting it to your PC and selecting the Identify function in the BASIC Stamp Editor.

| **Firmware Revision:** v1.2 | **Date Released:** 07/2007 |
|---|---|
| **Required Software:** BASIC Stamp Windows Editor v2.3.1 (or higher) | |
| **Items Modified** | **Notes** |
| Adjusted firmware to disable internal brown-out detector (inside the interpreter) to instead use an external brown-out detector (outside the interpreter, but included on the module). This firmware change is in coordination with the design of the BS2e Rev E module (which includes the additional brown-out detector on-board) in order to support the industrial temperature range specification. | Affects very few applications since only older modules in extreme temperatures (around -40C or +85C) are subject to problems. |

| **Firmware Revision:** v1.1 | **Date Released:** 05/2004 |
|---|---|
| **Required Software:** BASIC Stamp Windows Editor v2.1 (or higher) | |
| **Items Modified** | **Notes** |
| Fixed firmware error that caused GET and PUT commands to mishandle address values higher than 62. Address 63 should have been ignored for the PUT command. Addresses 64 and higher should have wrapped around to address 0 and higher. The error caused SPRAM in addresses 32 and higher to be modified if the PUT command was given an address of 63 or higher. | Affects very few applications since the only valid SPRAM locations are 0 through 63; most programs are written to stay within that range. |