**Solving the problem with the modem emergency boot port in Windows 8.1 and Windows 10**

When using the "[needle method](https://4pda.ru/forum/index.php?s=&showtopic=582284&view=findpost&p=39726125)", I found that the port created by the primary bootloader (on-chip bootloader) is not correctly detected by the system:

**#**

**Screenshot**

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| --- |
| https://s.4pda.to/9yltyEPgtLpOLz2oooK3Mz02N5ExC3/1/img-resized.png Reduced by 54%Attached Image866 x 492 (28.88 KB) |

Found a [solution to](https://4pda.ru/pages/go/?u=http%3A%2F%2Fblogs.msdn.com%2Fb%2Fusbcoreblog%2Farchive%2F2013%2F11%2F26%2Fwhy-does-my-usb-device-work-on-windows-8-0-but-fail-on-windows-8-1-with-code-43.aspx&e=43612681) this problem.

It turned out that in the HKEY\_LOCAL\_MACHINE \ SYSTEM \ CurrentControlSet \ Control \ usbflags registry key, you need to create a subsection 12D114430001, and in it the REG\_BINARY SkipBOSDescriptorQuery parameter with the value 01 00 00:

**#**

**Screenshot**

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| https://s.4pda.to/9yltyEPgtLpOLz2oooK3Mz02N5ExC3/1/img-resized.png Reduced by 48%Attached Image763 x 513 (28.86 KB) |

To make the necessary changes to the registry, it is enough to run the reg-file from the [BOS\_solution\_2.rar](https://4pda.ru/forum/dl/post/8729016/BOS_solution_2.rar) archive (307 bytes).

For Windows 8.1, the cumulative update [KB2967917](https://4pda.ru/pages/go/?u=http%3A%2F%2Fwww.microsoft.com%2Fru-RU%2Fdownload%2Fdetails.aspx%3Fid%3D43515&e=43612681) should be installed in the system .