



Application Note

Subject : Manually Crash your Microsoft OS (WinXP/ Win7) BSOD.

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Model Name: ALL

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Category: General H/W S/W Others,

Purpose :

Manually Crash your Microsoft OS (WinXP/ Win7) for testing WatchDog function From PS/2 keyboard or USB keyboard.

You may refer the below instructions to create MS-Windows XP/7 manually crashed BSOD for testing WatchDog functions.

1. With **PS/2 keyboards**, you must enable the keyboard-initiated crash in the registry. In the registry key :

HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\i8042prt\Parameters

Create a value named as "**CrashOnCtrlScroll**", and set it equal to a REG_DWORD value of "0x01".

2. With **USB keyboards**, you must enable the keyboard-initiated crash in the registry. In the registry key:

HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\kbdhid\Parameters

Create a value named as "**CrashOnCtrlScroll**", and set it equal to a REG_DWORD value of "0x01".

You must restart the system for making these settings to take effect.

After this is completed, the keyboard crash OS function can be initiated by using the following hotkey sequence:

Hold down the **Rightmost CTRL** key, and press the **SCROLL LOCK** key twice.

[Ctrl + Scroll_lock + Scroll_lock], you will get BSOD immediately.

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