

WinC3x – Using the DSKC3x Board on Windows™ NT™-Family Operating Systems

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ABSTRACT

The WinC3x project is aimed at providing use of the DSKC3x board on NT-family operating systems. This is accomplished by two software components:

- **A kernel-mode driver**

The kernel-mode driver is available for Windows™ NT™ 4.0, Windows 2000, and Windows XP.

- **A user-mode DLL**

This DLL contains routines to communicate with the driver. The DLL also contains other utility functions that load C31 executable code from hard disk or that communicate with the DSP. The ability of the utility functions to communicate with the DSP is provided by the communications kernel that is included with the DSK.

A Windows application built using this interface is binary compatible across all Windows NT operating systems. In order to extend binary compatibility to Windows 95, Windows 98, and Windows ME, the DLL has been back-ported to these three operating systems. Under Windows 95, Windows 98, and Windows ME, there is no need of a driver. In fact, these operating systems do not restrict access to hardware by application software.

WinC3x is open-source.

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Mailing Address: Texas Instruments
Post Office Box 655303 Dallas, Texas 75265

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