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# ***TMS320C80 to TMS320C82 Software Compatibility***

*User's Guide*

**1995**

***Digital Signal Processing Products***

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# Read This First

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### *About This Manual*

The TMS320C80 and the TMS320C82 are the first two members of the 'C8x family of high-performance DSP devices. This guide explains how to port software developed for one of these devices to the other. It also presents a set of software compatibility guidelines for developing software that will run on either device.

### *How to Use This Manual*

This document contains three chapters that deal with different issues related to compatibility:

- Chapter 1 discusses software-related differences between the 'C80 and the 'C82.
- Chapter 2 discusses guidelines and techniques for developing software that can run on both the 'C80 and the 'C82.
- Chapter 3 discusses guidelines and techniques for prototyping 'C82 software using a 'C80.

If you need background information about the differences between the 'C80 and the 'C82, read Chapter 1 before going on to Chapter 2 and Chapter 3.

If you already understand the differences between the 'C80 and the 'C82, then you can go directly to Chapter 2 and use Chapter 1 as reference material.

This user's guide contains information at a general level to guide you in completing programs. It does not discuss all issues related to the 'C80 and the 'C82; use your best judgement in applying the methods discussed in Chapter 2 and Chapter 3 to your application.

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