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13 Ada: A Promising Beginning
William E. Carlson
DoD's standardization on Ada will encourage development of Ada-based products benefitting nonmilitary as well as military users.

17 What is Ada?
Ronald F. Brender and Isaac R. Nassi
This introduction to the principal features of Ada emphasizes those aspects expected to offer significant advantage in large-scale program development.

26 The Ada Environment: A Perspective
Vic Stenning, Terry Foggatt, Roger Gilbert, and Ellis Thomas
Can the Ada environment meet the goals of the DoD high-order language effort? The design described here promises to be both practical and cost-effective.

37 The Ada Language System
The ALS—a portable, retargetable, integrated environment—is being designed to meet rigorous Stoneman requirements. It addresses critical development and maintenance problems of embedded computer systems.

47 Ada for the Intel 432 Microcomputer
Stephen Zeigler, Nicole Allegre, Robert Johnson, James Morris, and Gregory Burns
Ada represents a new era in language standards and software portability. It is the primary language of Intel's new micromaniframe, which directly supports many of its features.

57 The Ada Compiler Validation Capability
John B. Goodenough
ACVC tests, tools, procedures, and documentation represent a forward-looking, detailed strategy for enforcing conformance to the Ada standard when it really counts—before widespread implementation.

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