

AVA51 Macro Assembler/Linker/Librarian

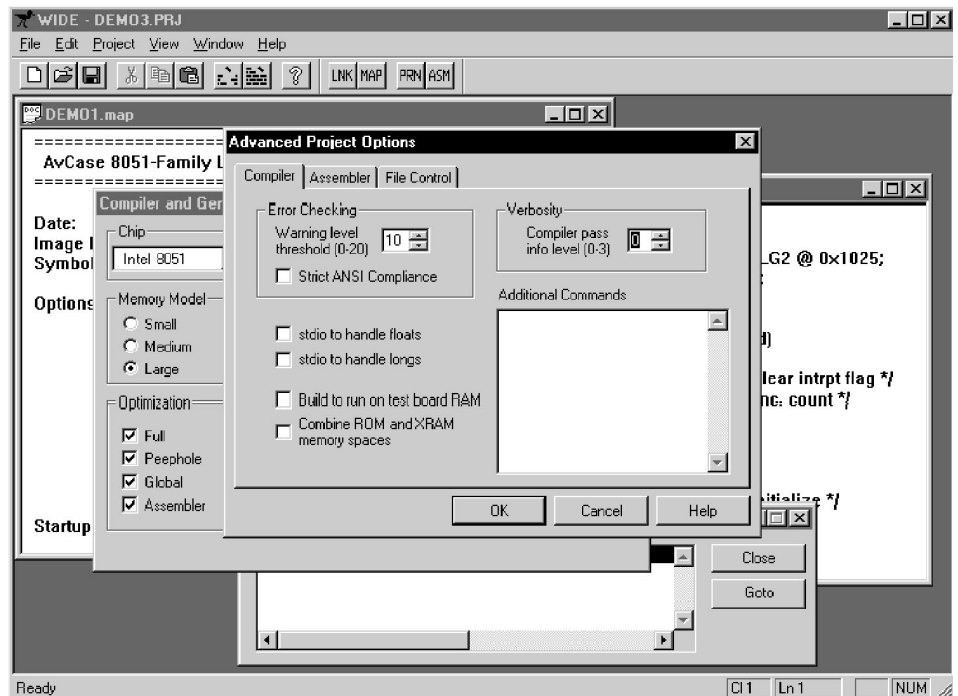
- Extensive Macro Facilities
- Standard Mnemonics For Intel Compatibility
- Source Level Debug Information
- Jump Optimization
- Bank Switching Support
- Includes Librarian
- Supports Nested Includes
- 31 Character Symbol Length
- Cross-Reference
- Complete Map File Information

The AVA51 assembler is based on our long line of assemblers, first shipping in 1979. Since then, it has grown into the industry standard for professional embedded development.

The AVA51 has complete macro support. FOR loops, SWITCH statements, and generated local variables provide complete solutions for all conditional assembly challenges. Macros may have many parameters for writing in-line code that is easy to read and maintain.

Code generated by the AVA51 is completely relocatable. Many files may be linked together, often specifying nothing more than the addresses for your external ROM and RAM. There are no worries of having one ORGed section overlapping another. The linker optimizes segment contributions into even the most complicated memory map to take best advantage of all of the memory spaces and register banks within Intel's 8051 architecture. Special include files provide exact configurations or customize your own. The map file will show all details of segment/symbol location sorted by name and memory space.

The AVA51 can be run from our W-IDE51 environment, which can be installed for 16- or 32-bit Windows*. Alternatively, you may run all of the features from a single command line. Every option and error message is described in the manual or on the disk. Technical support is free for one



year and available for all customers with the current version.

AVA51 is compatible with tools from Metalink, Cactus Logic, EE Tools, Nohau, Huntsville Microsystems, Orion, Emulation Technologies, Softaid, and Tribal Microsystems. Others will be handled by request. Avocet resells products from Metalink, Cactus Logic, EE Tools, Softaid, and Tribal Microsystems.

MICROCONTROLLERS SUPPORTED:

8x3x, 8xC3x, 8xC5x, 8xC51x, 8xC51Fx, 8xC5xGx, 8xC51Rx, 8xC51SL, 8x151, 8xC152Jx, 8xC251Sx, 8xL5x

DEVELOPMENT PLATFORMS: Windows 95, Windows 3.1, PC DOS

AVAILABILITY: Now

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For international contacts, see Appendix B.

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