

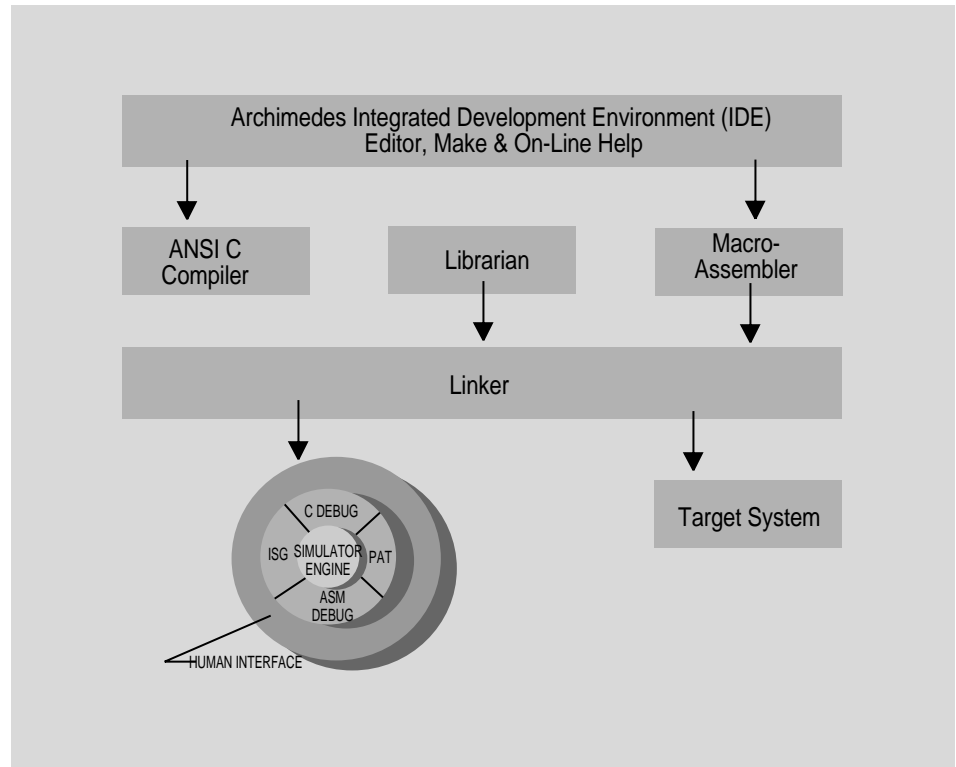
# Archimedes SimCASE-51/251 Debugger

- Intel 8051 Family Simulator
- Intel 80251 Family Simulator
- I/O Simulator
- C and ASM Mixed-Mode Debugger
- Monitor Variables, Registers and Memory Simultaneously
- Extensions Supporting Real Time, Target Based Debugging
- All Intel 8051 & 251 Derivatives Supported Via Supplied Drivers
- Debugger Controlled Via "Point and Click" Windows Interface

Archimedes SimCASE debuggers support comprehensive high level language and assembly debug in real time and simulator based environments. The debuggers may be configured for 8051 or 251 debug depending on the application. Archimedes SimCASE software renders accurate simulation of the Intel 8051 and 251 architecture including timing. SFR's and I/O for insight into Intel 8051 and 251 microcontrollers' states as the software executes.

Debug functionality includes single stepping, watch-points and breakpoints. Simulating I/O events such as external peripherals is handled via a user programmable language supplying the necessary input stimulus. Archimedes SimCASE debuggers may be used to debug small, medium, large and banked memory models.

Archimedes SimCASE debugger functionality is tightly integrated within Archimedes Windows based integrated development environment (IDE). This allows "point and click" access and control of the debugger feature set.



## MICROCONTROLLERS SUPPORTED:

80C51FA/RA/GB/BH/SLAH/SLAL,  
80C3x, 8xC5x, 8xL5x, 8xL51Fx,  
8xC251Sx, 83C51RA/RB/RC/GB/KB/  
FA/FB/FC/SLAH/SLAL

DEVELOPMENT PLATFORMS:  
PC running DOS, Windows 3.1x/95/NT

AVAILABILITY:  
Now

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