

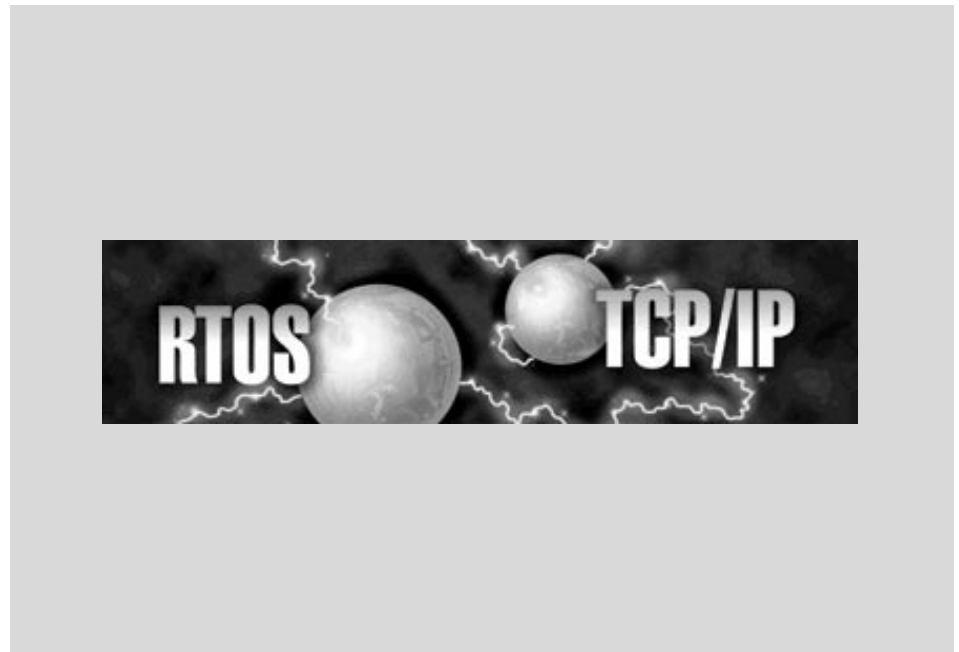
SuperTask!* Real-Time Embedded Operating System

- Compact and Fast – User Configurable
- ROMable and Reentrant
- Full Featured – More Than 70 System Calls with Serial Pipes and Drivers
- Fast Task Switching – Low Interrupt Latency
- Includes Boot Code, C Startup, and Configuration Code
- Full Source Provided
- Easy Scalability
- Multitasking Applications Can Run Embedded Entirely with or without DOS
- System Services Can be Activated from Interrupt Service Routines

SuperTask! for Intel's 80x86 family and Pentium® processors is an embedded RTOS development suite that includes the following: MultiTask – a stable, versatile multitasking RTOS with more than 70 system calls; ProtoTask – a debugging and prototyping tool for RTOS applications; ViewTask!—a high level design and metric tool for multitasking applications.

SuperTask! is a full featured multitasking suite that can be integrated or used as standalone components. These tools are stable, compact, fast and simple to use, with all the features you need to get your design up and running. Included in this suite of products are tools that let you choose processors, conceptualize design, generate C code, prototype your application on a PC, and multitask on a target.

SuperTask! can be used to develop and implement real-time multitasking applications using more than 70 powerful system calls and supports for more than 20 C/C++ compilers/toolchains. Get complete source code with ANSI C stream I/O operations on your target microcontroller using the standard ANSI C interface. No matter which target microcontroller you choose, your code will behave identically with SuperTask!, an extremely valuable feature that ensures maximum reuse of



existing code and a shorter time-to-market.

SuperTask! comes with complete source code and includes sscanf and fopen, fprintf to any stream supported by drivers (interrupt driven) for serial ports (8250, 16450, and 16550), drivers for text mode VGA display and keyboard, and driver for pipes.

In addition, US Software's ANSI C core guarantees greater reliability on each microcontroller because of extensive testing in multiple environments. This standard conformance test is shipped with each delivery allowing the embedded developer to test kernel operation on the target system—before writing task code—with assurance it works.

Our multitasking benchmarks help see how our multitasking solution works on your target microcontroller. Many multitasking benchmarks are simple cycle counts, but SuperTask! has benchmarked the SuperTask! kernel using measured timings in real situations on Intel microcontrollers and compiler tool chains. Developers know what to expect for operation in their environment.

PROCESSORS SUPPORTED:
Entire Intel Processor Family

DEVELOPMENT PLATFORMS:
No restrictions

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