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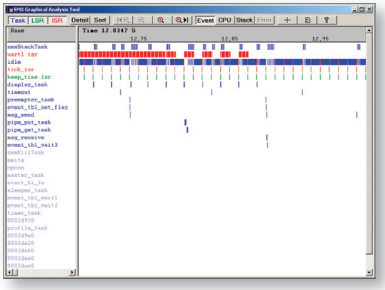
SMX.Blaze RTOS

SMX.Blaze offers networking and multitasking in a low-cost, integrated package. Multitasking allows the networking and application portions to operate independently, thus making design easier. SMX.Blaze saves valuable startup time by providing an out-of-the-box solution that requires no integration for the chosen processor and development tools. Also included in the package are smxAware with its Graphical Analysis Tools. These debugger plug-ins reduce debug time by providing a clear picture of system operation. (See diagram.) smxSim, also included, permits high-level development to proceed without final hardware. File systems, GUIs, USB host and/or device stacks, Web server, e-mail, and numerous device drivers from Micro Digital can be added to extend SMX.Blaze, as needed.



FEATURES:

- Hard real-time multitasking kernel
- Processor-specific BSP and startup code
- Kernel-aware debug and Graphical Analysis Tools
- Compact, fast TCP/IP stack; BOOT, DHCP, FTP, TFTP, and Telnet
- Ethernet and UAART drivers
- Simulator