KADAK Products Ltd.

AMX[™] RTOS

璽Syscfg.up - AMX <u>File E</u> dit <u>H</u> elp	Configuration Manager	
Module: AMX System Configuration Module	Kernel Options Number of message envelopes: AMX message size (bytes): AMX Kernel Stack size (bytes): AMX Interrupt Stack size (bytes): Timing Options	asks Timers Semaphores 32 12 1024 512
	Hardware clock frequency (Hz): AMX clock conversion factor: (clock interrupts per AMX tick) ☐ Time slicing required ☑ Use Time/Date Manager Scheduling Procedure name:	tick is 5.000 ms
For Help, press F1 User Parameter File		

AMX is a full featured real-time multitasking kernel for the ARM, StrongARM and ARM Thumb microprocessor families. AMX has been tested on the Atmel AT91EB40, EB42 and EB63 Evaluation Boards.

AMX is a simple, readily understandable software development tool which meets the stringent requirements of all real-time applications. First released in 1980, the AMX family of kernels has been used worldwide at more than 2,000 embedded systems development sites.

AMX is delivered ready for development on a PC with Windows. Source code of all AMX modules is provided with AMX to permit AMX to be ported to any development platform. A sample program is provided to illustrate the proper use of many of the AMX services.

AMX is offered with a liberal site license agreement. Executable application modules incorporating AMX can be distributed without royalties.

AMX documentation is comprehensive and includes tutorial explanations and examples.

- Windows[®] based Configuration utility eases system construction
- Compact ROMable kernel with optimized execution speed
- Mailbox, semaphore, resource, event, list, buffer and memory managers
- KwikNet[®] TCP/IP Stack provides a full suite of protocols
- KwikPeg™ GUI allows you to create a graphical user interface on your embedded system
- Clear and comprehensive manuals
- No royalties; source code included
- Enviable track record for reliability and support



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