Atmosfire Expansion Module for Bitfire

Atmosfire PMEE Expansion module for Bitfire based on STMicroelectronics STR710 with USB

- Features STMicroelectronics STR710 fully integrated ARM7 MCU
- 1MB fast SRAM on EMI with configurable CS signal setup and 16Mbit serial flash
- Open-source GNU toolsuite and Eclipse IDE/Debugger
- Complete and well documented driver library with many examples
- eCos, μC/OS-II™, FreeRTOS, μ-VelOSity™ ported plus tiny Lua interpreting programming language ready to run
- Connection to onboard debug tools on Bitfire
- Configurable bootmode plus a large number of config options, zero jumpers!
- External EMI connector with bus buffers configurable for active or silent mode
- USB mini-B connector
- Two color status-LED for housekeeper, additional status led for USB and STR710
- Fast and tiny CPLD device for glue logic
- Plus all the goodies on the Bitfire board, including the enormous led matrix!
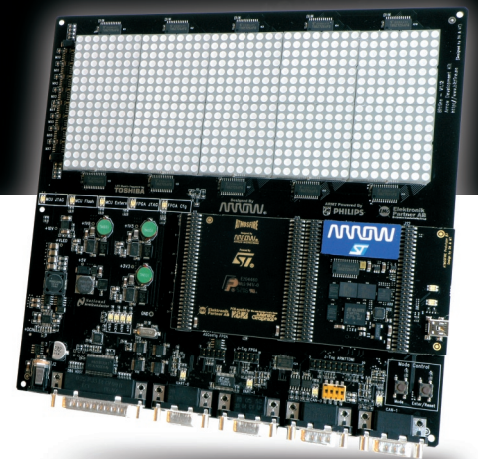
Note:
Atmosfire fits onto Bitfire HW V1.12 and above
μ-VelOSity trademark of GrenHills Software Inc.
μC/OS-II trademark of Micrium Inc.

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