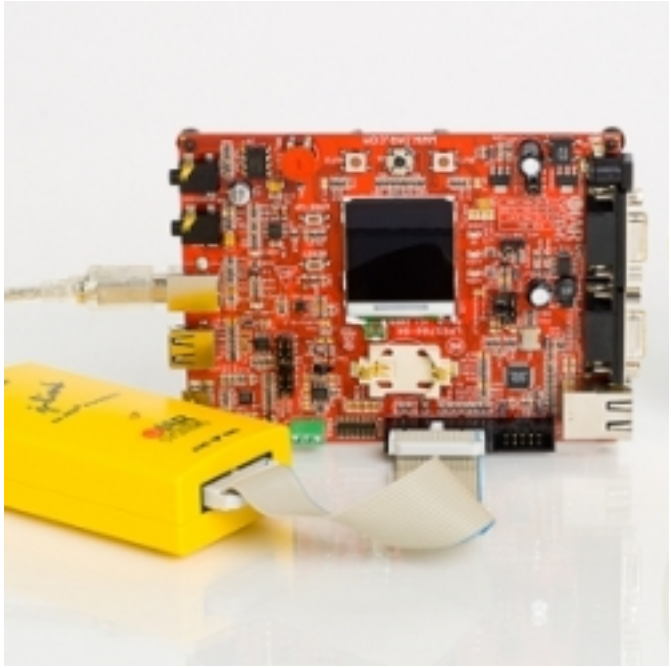
Starter Kit Features STMicro ARM Cortex-M3-based STM32 F-2 Series



IAR Systems today announced a complete starter kit for STMicroelectronics' ARM Cortex-M3 based high performance STM32 F-2 series. The new leading-edge STM32F2xx series combines advanced 90nm process technology with the innovative adaptive real-time memory accelerator (ART accelerator) and the multi-layer bus matrix. IAR KickStart Kit for STM32F207 contains all the necessary hardware and software and allows embedded software applications to be designed, integrated and tested on hardware. It includes a feature-rich evaluation board, software tools, a debug probe, example projects and board support packages for several RTOSes. It is easy to use for evaluation and prototyping purposes thanks to a high level of integration between hardware, software and tools.

The evaluation board is fitted with an STM32F207ZG microcontroller, color LCD, connectors for USB host, USB OTG, Ethernet and CAN, headphone jack, and many other peripherals. Debug connectors for ETM trace, SWD and JTAG are also included.

The included IAR J-Link Lite debug probe provides JTAG and SWD debug interfaces. Added debug capabilities can be enabled by separate debug probes. IAR J-Trace enables full instruction trace, and IAR J-Link Ultra enables power debugging features in IAR Embedded Workbench. Both probes are sold separately.

The kit is prepared for use with IAR Embedded Workbench, the most widely used tool chain for ARM based microcontrollers recognized for its efficient code generation, comprehensive debugger, and user friendly IDE.

IAR KickStart Kit for STM32F207 is in stock and available in IAR Systems' e-shop. It is priced at EUR 209/USD 289. Part number is KSK-STM32F207ZG-JL. Details are available at www.iar.com/kits [1].

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Links:
[1] http://www.iar.com/kits