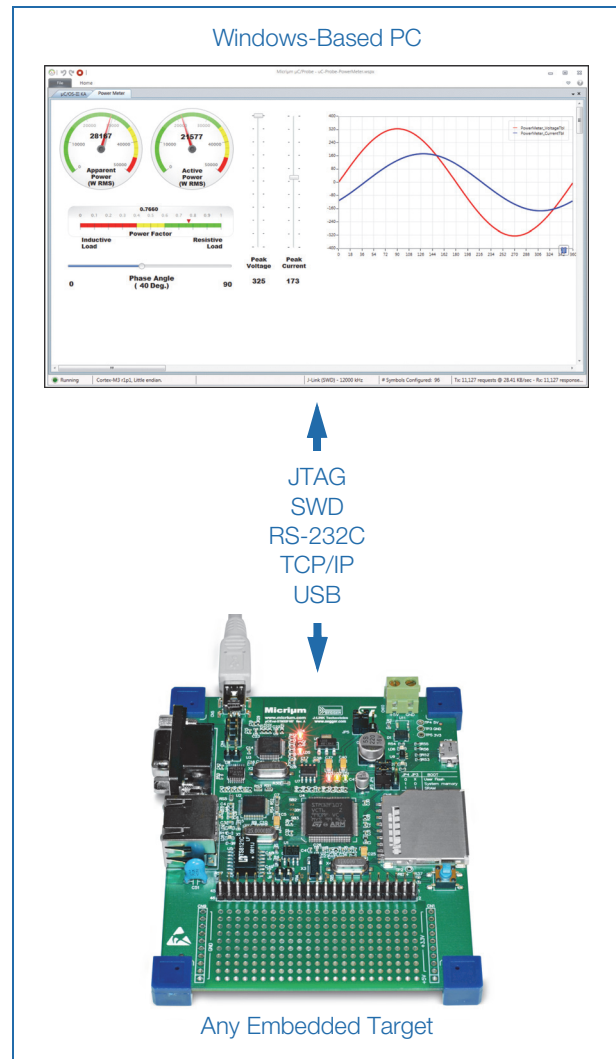


µC/Probe Features

- Display and change target variables at run time.
- Easily map target variables to graphical objects:
 - Gauges
 - LEDs
 - Numeric indicators
 - Radio Buttons
 - Graphs
 - Checkboxes
 - Sliders
 - Bitmaps
 - Buttons
 - RGB input
 - Switches
 - Binary / HEX / Decimal input
- Map variables to Excel Spreadsheets
- Data Logging
- Terminal interface
- µC/OS-III Kernel Awareness
- RAM footprint calculator with filtering
- Scripting for configuration download
- IoT (Internet of Things) Ready via MQTT protocol and JSON format
- HID interface for joysticks as inputs to target
- More

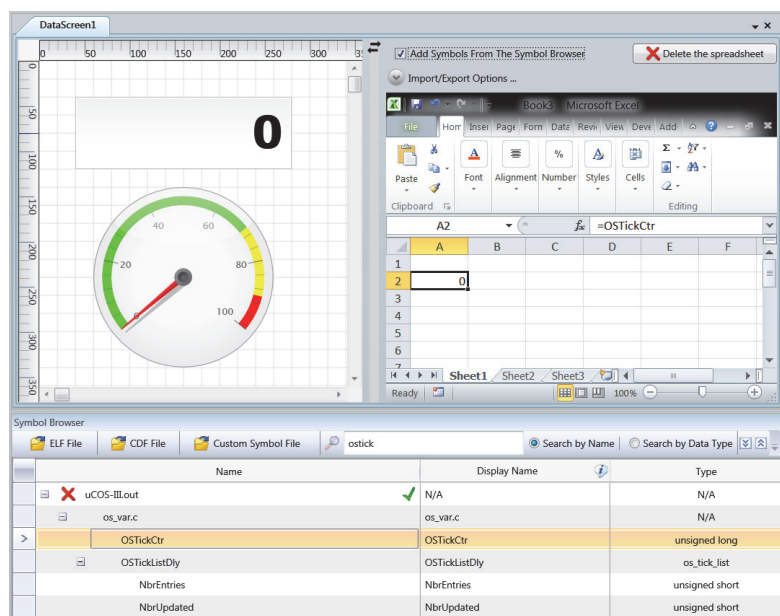
Supported Interfaces

- ARM CMSIS-DAP for Cortex-M
- Cypress PROG for PSoC 5LP
- SEGGER J-Link for ARM Cortex, Renesas RX and Microchip PIC MCUs.
- RS-232C
- TCP/IP (Ethernet or WiFi)
- USB
- Other JTAG and SWD through debugger Proxy: IAR C-Spy, ARM DS5, Renesas e2Studio, Atollic TrueStudio
- Other Eclipse-based IDEs

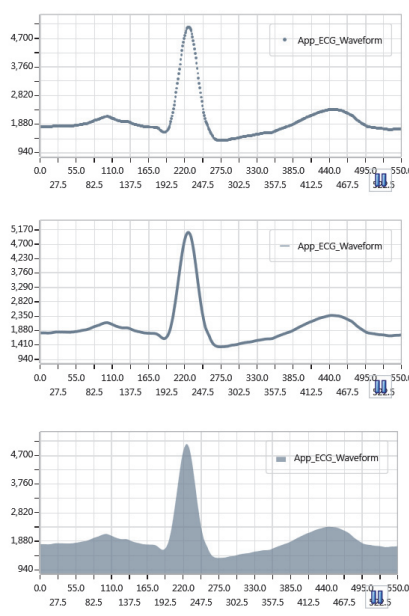


Supported Symbol File Formats

- ELF/DWARF (supported by most toolchain)
- CDF (Chip-Definition-File) to map MCU I/Os to graphical objects
- CSF (Custom-Symbol-File) to create your own variables
- MQTT to map cloud-based variables to graphical objects



µC/Probe Can Assign Variables to Spreadsheet Cells



µC/Probe Toolbox Charts

Embedded System Requirements

At least one of the following:

- Onboard J-Link or attached J-Link debugging unit
- Onboard CMSIS-DAP or attached CMSIS-DAP compatible debugging unit
- Onboard Cypress Semiconductor PSoC Prog 5LP or attached debugging unit such as MiniProg
- RS-232C port (Micrium provides protocol source code)
- Ethernet or WiFi (Requires TCP/IP stack. Micrium provides the source code for the µC/Probe protocol.)
- USB Device (Requires Micrium's µC/OS-II or µC/OS-III and µC/USB-Device stack. Micrium provides the source code for the µC/Probe protocol.)
- Debugger that provides a µC/Probe proxy server. (IAR C-Spy, ARM DS-5, Renesas e2Studio, Atollic TrueStudio, Other Eclipse-based)

PC Requirements

- Microsoft Windows XP, Windows 7 or Windows 8
- .NET Framework 4 (included with the installer)
- 1 GB of RAM
- 1 GB of hard disk space
- Internet access for license activation

Tools Requirements

Any compiler/assembler/linker that generates an ELF/DWARF output file

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