



Integrated Development System for Sensory Microcontrollers

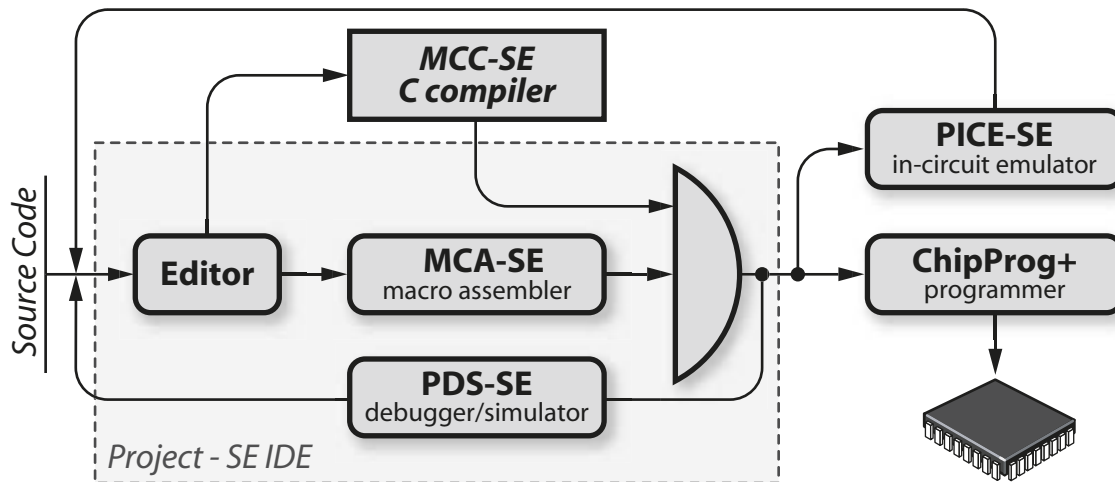


S E N S O R Y

The Phyton line of emulators helps programmers complete their projects on-time and under budget, offering them quality products at competitive values. With Phyton's 1-year warranty, developers are assured that they will have the assistance that they need during development time.

- Real-time non-intrusive emulation
- Programmable regulator precisely auto-adjusts to the target's voltage level or operates in stand alone mode from 1.2V to 5.5V
- Up to 1 MBytes of data memory
- 128K true hardware breakpoints on code memory
- Up to 1 M true hardware breakpoints on data memory access (read, write and read/write)
- Four complex breakpoints and triggers
- 16K/64K frames x 128 bit real-time tracer with programmable filters
- Forward, reverse and dynamical modes of trace recording
- Transparent on-the-fly access to the code memory, data memory, breakpoint processor, tracer and timer
- 48-bit timer provides timing and clock frequency measurement with 0.1% accuracy
- Precisely programmable clock generator - from 1KHz to max with 0.5% accuracy
- Programmable regulator precisely auto-adjusts to the target's voltage level or operates in stand alone mode from 1.2V to 5.5V
- 8 probe inputs and 4 trigger outputs
- High speed host link via 115 KBPS serial port opto-isolated for extra protection
- Precisely centered "sandwich"-style design based on the universal MR1 main board, changeable PODs and adapters for PLCC, QFP and other packages
- Tiny tool - 3-1/2" x 2-1/2" x 2" (95 x 65 x 50 mm)
- Windows-98/ME/2000/NT/XP hosted Project-SE IDE includes all the tools necessary for a full development cycle from editing source code to "burning" a memory device
- Project IDE includes an editor, a project manager, the MCC-SE ANSI C compiler, MCA-SE macro assembler and PDS-SE command set debugger/simulator
- Project-level support and source-level debugging for the Phyton C compiler and assembler supplied with the emulator
- Embedded C-like script language for automation of routine tests
- Universal programmer ChipProg+ controlled from the same IDE can be supplied optionally

Phyton is the only company on the market offering a complete software/hardware tool solution for Sensory's RSC-4x family of speech processors.



A full package includes:

- MCA-SE macro assembler
- MCC-SE C compiler
- PDS-SE software debugger/simulator
- PICE-SE in-circuit emulator
- ChipProg+ universal programmer

All tools are fully integrated and controllable through the project IDE. This comprehensive tool set provides all development software and hardware, including source code editing, debugging, and support for "burning" compiled code into memory devices. Phyton provides a true one-stop-tool-shop for Sensory MCU users! By selecting unique Project-SE configurations, you can choose a custom development tool set, creating an environment that fits your needs and budget.