PSoC Creator is a state-of-the-art software development IDE combined with a revolutionary graphical design editor to form a uniquely powerful hardware/software co-design environment.

PSoC Creator offers a unique combination of hardware configuration and software development in a single, unified tool. This co-design approach is revolutionary. It frees embedded designers from   the innovation-killing division between hardware design and software development. Gone is the time-consuming, inflexible dogma of hardware re-spins and software hacks.

But this tool is not simply the joining together of a state-of-the-art software development IDE with an intuitive graphical design editor. The tools are truly integrated to enable immediate   testing of new ideas, rapid response to hardware changes, error-free software interaction with on-chip peripherals, and full visibility into the design from the built-in

- Integrated Schematic Capture for device configuration

- Extensive Component Catalog

- Integrated source editors

- Built-in Debugger

- Support for component creation (design reuse)

- Keil CA51 Compiler for PSoC 3 (no code size limit)

- GNU GCC-ARM for PSoC 5

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