

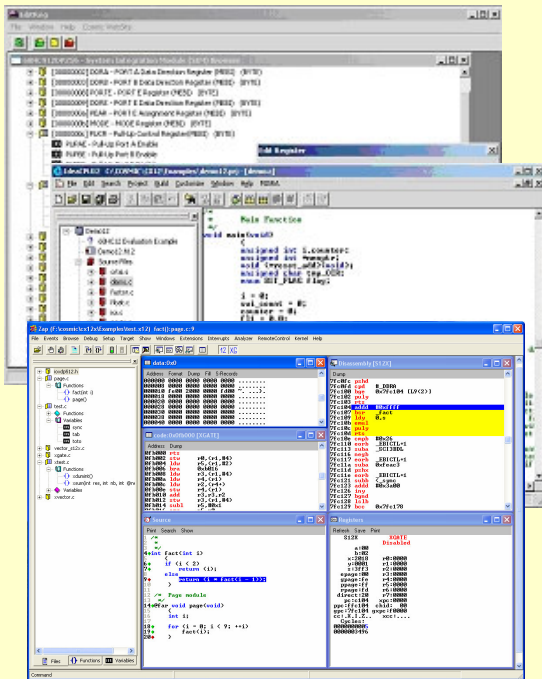


# COSMIC S12X - XGATE Development Tools



## COSMIC Development Tools for S12X and XGATE

- Introduced in Q1 2004, including C Compiler, IDE, Debugger...
- Integration of S12X and XGATE at C level.
- Downward compatible with HC12/S12 Cosmic tools.
- Includes HC12/S12 support.



### S12X Support:

- Full support of **new instructions set**.
- Specific support for **GLDD** and **GST** type Instructions (Cosmic **@gpage** extensions).
- Support and automatic handling of RPAGE, EPAGE and PPAGE registers (Cosmic **@far** extension)

### XGATE Support:

- Dedicated Compiler backend for XGATE instructions.
- Full C implementation.
- Co-Compilation: XGATE Compiler is an add-on kit to S12X compiler.
- Full handling of S12X and XGATE **synchronization** at C level.
- C runtime header handles both S12X, XGATE and common Code/Data initialization.

COSMIC Software's embedded systems development tools have been helping companies stay ahead of the competition since 1983, with quality products, technical support and responsive service.

The Cosmic products are used in automotive, communication, aerospace, consumer electronics, office automation and medical instrumentation applications worldwide.

COSMIC Software's products are supplied and supported through direct sales offices in France, Germany, UK, Italy and USA as well as a comprehensive network of distributors.

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