

XS1-G FAMILY MEMBERS

Product	XCores	Threads	Memory (KB)		Package	User I/O	Availability	
			RAM	OTP				
XS1-G1	1	8	64	8			ES samples	1H2009
XS1-G2	2	16	128	16			ES samples	1H2009
XS1-G4	4	32	256	32	144BGA 11 x 11mm	88	ES samples Production ⁽¹⁾	Oct 2008 Nov 2008
					512BGA 20 x 20mm	256	ES samples Production ⁽¹⁾	Sep 2008 Oct 2008

Note 1: Pre-qualification production. Full qualification will be complete in 1H 2009.

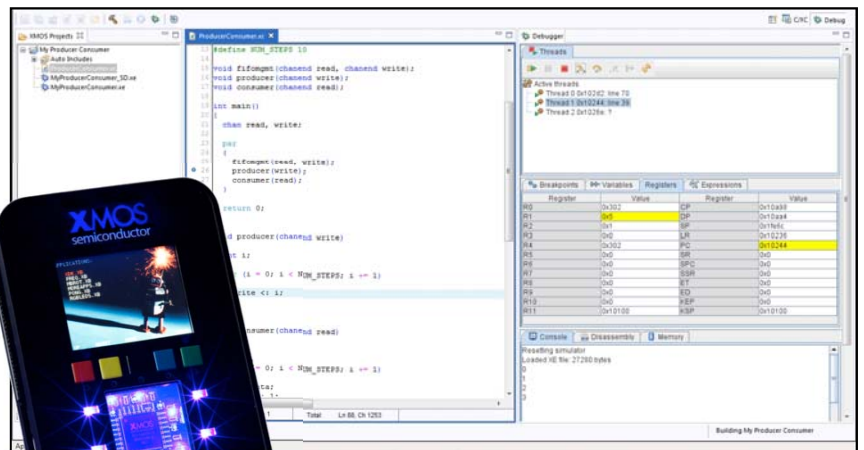
DEVELOPMENT ENVIRONMENT

The XS1-G family is supported by a comprehensive set of development tools including an IDE based on the Eclipse development environment, compilers, a simulator, visualisation tools and extensions to the industry standard debugger GDB. Applications can be written in a combination of standard C, C++ and the XMOS originated XC. The tools can be download free of charge from the XMOS web site.

The coupling of an embedded software flow with powerful debug tools means that hardware and software debug cycle times can now be measured in seconds.

XS1-G DEVELOPMENT KIT

To accelerate application design cycles XMOS has developed the XS1-G Development Kit (XDK). The XDK provides a complete development environment including a fully featured hardware platform, free access to the development tools, reference design software and tutorials.



XDK features:

- XS1-G4 target device
- QVGA touch screen display
- RJ45 10/100 Ethernet port
- SD card slot (card included)
- High-performance stereo audio port (input and output)
- JTAG programming interface
- Programmable expansion links
- User-assignable soft-keys and status LEDs
- Two IDC expansion headers for hardware development

For more information about XMOS or our products, to purchase an XDK Development Kit, or to explore our free development tools, please visit our homepage or contact your local XMOS sales representative. Latest product data including specifications and availability are available at www.xmos.com.