Application Note: AN00209

xCORE-200 DSP Elements Library

The application note gives an overview of using the xCORE-200 DSP Elements Library.

Required tools and libraries

- xTIMEcomposer Tools - Version 14.0.0 and above
- XMOS DSP library module - Version 1.0.0 and above

Required hardware

This application note is designed to run on any XMOS xCORE-200 multicore microcontroller or the XMOS simulator.

Prerequisites

- This document assumes familiarity with the XMOS xCORE architecture, xCONNECT interconnect communication, the XMOS tool chain and the xC language. Documentation that is not specific to this application note is listed in the references appendix.
- For descriptions of XMOS related terms found in this document please see the XMOS Glossary[1].

Related Documents

- xCORE-200: The XMOS XS2 Architecture (ISA)[2]

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[1] http://www.xmos.com/published/glossary
[2] https://www.xmos.com/published/xs2-isa-specification