Application Note: AN01004

ADAT - Replacing Wavefront AL1401/402 with xCORE

This application note describes the ADAT light-pipe protocol and an XMOS-based replacement for the Wavefront AL1401 ADAT encoder and AL1402 ADAT decoder IC's, both of which are End-of-Life products.

Prerequisites

- This document assumes familiarity with the XMOS xCORE architecture[1] and the ADAT protocol[2]. Documentation related to these aspects which are not specific to this application note are linked to in the references appendix.
- For descriptions of XMOS related terms found in this document please see the XMOS Glossary[3].

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[1]http://www.xmos.com/published/xcore-architecture
[2]http://ackspace.nl/wiki/ADAT_project
[3]http://www.xmos.com/published/glossary