



AN02007: Calculating Cyclic Redundancy Checks (CRC) on XCORE (README)

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vendor

XMOS

version

1.0.0

scope

Example

description

This note explains how to calculate a CRC

category

General Purpose

keywords

CRC

hardware

XCORE-AI-EXPLORER

1 Overview

This note explains how to calculate a CRC and how to accelerate it using the XMOS ISA. Conversely, it explains how the XMOS ISA instructions relate to CRCs used in everyday applications.

2 Key Features

- ▶ CRC computations

3 Known Issues

- ▶ None

4 Required Tools

- ▶ XMOS XTC Tools: 15.3.0



5 Required Libraries (Dependencies)

- ▶ None

6 Related Notes

- ▶ None

7 Support

This package is supported by XMOS Ltd. Issues can be raised against the software at: <http://www.xmos.com/support>



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