AN02022: xcore.ai Clock Frequency Control (README)

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vendor
> XMOS

version
> 1.1.0

scope
> Example

description
> How to control xcore.ai PLL's

category
> Core

keywords
> PLL, clocking, MIPI, power, LPDDR

hardware
> XK-EVK-XU316

1 Overview

This note describes the PLLs in *xcore.ai* devices and how to control them.

2 Key Features

▶ Documentation of System and Secondary ('Application') PLLs

▶ Documentation of clocking LPDDR/MIPI

▶ Example application demonstrating the various concepts documented

3 Known Issues

▶ None

4 Required Tools

▶ XMOS XTC Tools: 15.3.0

5 Required Libraries (Dependencies)

▶ None

6 Related Notes

▶ AN02023: xcore.ai Power Consumption Estimation

7 Support

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