



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>



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