



AN02036: Making an LED glow using Pulse Density Modulation (README)

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vendor

XMOS

version

1.0.0

scope

Example

description

Making a LED glow using various algorithms

category

General Purpose

keywords

Ports, Timers, Clocked ports, Leds, PDM

hardware

XK-EVK-XU316

1 Overview

This application note describes how to build a Pulse Density Modulator, or PDM, to glow a led. It shows the principles of PDM, and three methods to implement PDM using just ports, timers and ports, and clocked ports.

2 Key features

- Pulse Density Modulator

3 Known issues

- None

4 Required tools

- XMOS XTC Tools: 15.3.0



5 Required libraries (dependencies)

- ▶ None

6 Related notes

- ▶ AN03007
- ▶ AN03000
- ▶ AN03001
- ▶ AN03002
- ▶ AN03003

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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