



AN02005: XMOS Logo Detector Application Note (README)

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vendor

XMOS

version

0.1.0

scope

Example

description

Vision Applications on XCORE.AI entry point

category

Vision

keywords

Camera, AI, MIPI, Vision

hardware

XK-EVK-XU316-AIV

1 Overview

This note describes adding and running a vision AI model on an XCORE device that detects the XMOS logo.

2 Key Features

- Vision Board
- MIPI camera interface
- Xmos AI tools
- Tiny ML model (RAM only)

3 Known Issues

- None

4 Required Tools

- XTC tools: 15.3.0 [XTC tools](#).
- Python: 3.10 or later [Python](#).
- CMake: 3.21 or later [CMAKE](#).

5 Required Libraries (Dependencies)

- `lib_camera` (www.github.com/xmos/lib_camera)
- `xmos_ai_tools` (www.github.com/xmos/ai_tools)

6 Related Notes

- AN02017

7 Support

For all support issues please visit [XMOS Support](#).



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