



AN00248: Using lib_xua with lib_mic_array (README)

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vendor	XMOS
version	1.0.1
scope	Example
description	Using lib_xua with lib_mic_array
category	General Purpose
keywords	USB Audio, Microphone
hardware	XK-EVK-XU316

1 Summary

This application note describes how to use **lib_mic_array** in conjunction with **lib_xua** to implement a USB Audio device with the ability to record from multiple PDM microphones.

2 Features

- ▶ USB audio
- ▶ PDM microphones

3 Known issues

- ▶ None

4 Required tools

- ▶ XMOS XTC Tools: 15.3.1



5 Required libraries (dependencies)

- ▶ lib_xua
- ▶ lib_adat
- ▶ lib_locks
- ▶ lib_logging
- ▶ lib_mic_array
- ▶ lib_xassert
- ▶ lib_xcore_math
- ▶ lib_spdif
- ▶ lib_sw_pll
- ▶ lib_xud
- ▶ lib_board_support

6 Related application notes

- ▶ None



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