



# AN00125: USB Mass Storage Device Class (README)

Publication Date: 2026/4/15

Document Number: XM-006293-AN v3.1.2

## IN THIS DOCUMENT

1	Summary	1
2	Features	1
3	Known issues	1
4	Required tools	1
5	Required libraries (dependencies)	1
6	Related application notes	2

### vendor

XMOS

### version

3.1.2

### scope

Example

### description

Implementation of an example USB Mass Storage device

### category

General Purpose

### keywords

USB

### hardware

XK-EVK-XU316

## 1 Summary

This application note shows how to implement a USB Mass Storage device.

## 2 Features

- ▶ USB Mass Storage Class
- ▶ Uses on-board flash memory as storage medium

## 3 Known issues

- ▶ This is an example only and disk access speeds are not optimal

## 4 Required tools

- ▶ XMOS XTC Tools: 15.3.1

## 5 Required libraries (dependencies)

- ▶ [lib\\_xud](https://www.xmos.com/libraries/lib_xud) ([https://www.xmos.com/libraries/lib\\_xud](https://www.xmos.com/libraries/lib_xud))



## 6 Related application notes

- None



Copyright © 2026, All Rights Reserved.

Xmos Ltd. is the owner or licensee of this design, code, or Information (collectively, the "Information") and is providing it to you "AS IS" with no warranty of any kind, express or implied and shall have no liability in relation to its use. Xmos Ltd makes no representation that the Information, or any particular implementation thereof, is or will be free from any claims of infringement and again, shall have no liability in relation to any such claims.

Xmos, Xcore, VocalFusion and the Xmos logo are registered trademarks of Xmos Ltd. in the United Kingdom and other countries and may not be used without written permission. Company and product names mentioned in this document are the trademarks or registered trademarks of their respective owners.

