Qt framework expansion package for STM32 MPU OpenSTLinux
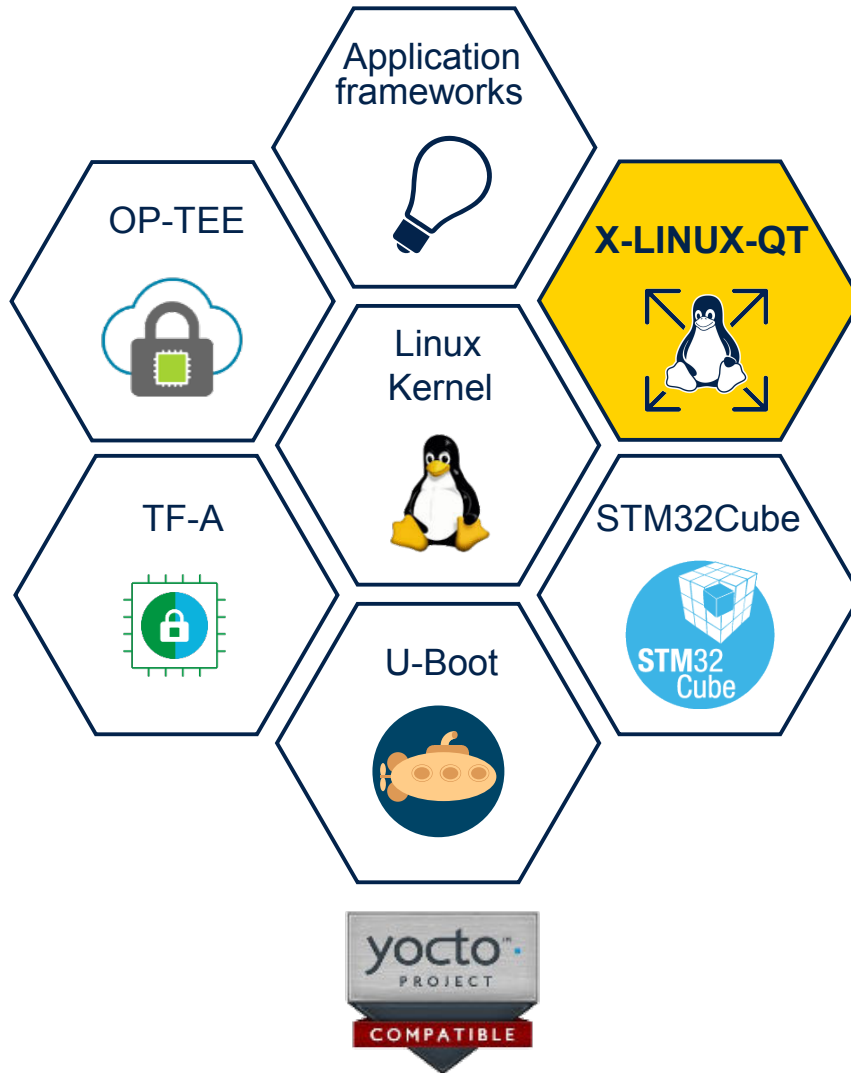
DT74186V1

Product status link
X-LINUX-QT

DB5311 - Rev 1 - July 2024
For further information contact your local STMicroelectronics sales office.

www.st.com

Features

- OpenSTLinux QT extension for STM32 MPU microprocessors
- Compatible with the Yocto Project build system
- Qt based application and graphical user interface development

Description

X-LINUX-QT is an STM32 MPU OpenSTLinux Expansion Package that targets Qt based application and graphical user interface (GUI) development for STM MPU microprocessors. It contains Linux® Qt™ Frameworks, as well as an ST Application Launcher based on Qt™ Framework and application examples to get started with Qt application development.

The Qt framework contains a comprehensive set of highly intuitive and modularized C++ library classes and is loaded with APIs to simplify your application development. Qt produces highly readable, easily maintainable and reusable code with high runtime performance and small footprint – and it's cross-platform.

This expansion package is a complete ecosystem that allow developers working with OpenSTLinux to create Qt based application very easily.
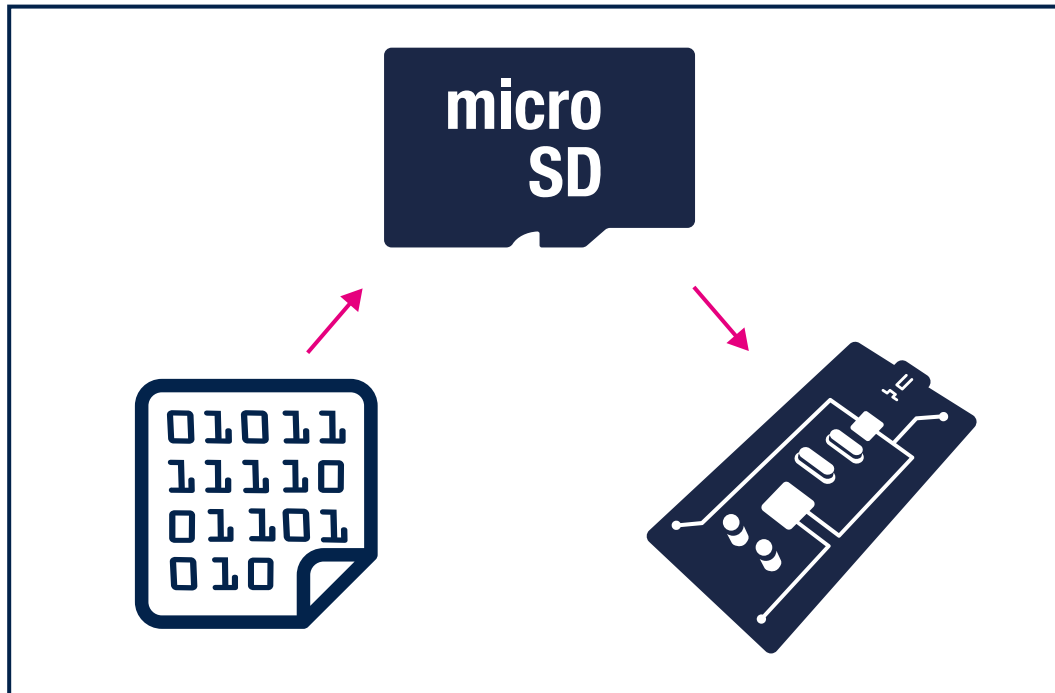
1 General information

The X-LINUX-QT package runs on STM32 MPUs based on Arm® Cortex® cores.

Note: *Arm is a registered trademark of Arm Limited (or its subsidiaries) in the US and/or elsewhere.*

arm

Figure 1. STM32MPU embedded software Starter Package

1.1 Ordering information

X-LINUX-QT is available for free download from the *www.st.com* website.

1.2 License

X-LINUX-QT is delivered under the *Mix Ultimate Liberty+OSS+3rd-party V1* software license agreement (SLA0048).

Revision history

Table 1. Document revision history

Date	Version	Changes
09-Jul-2024	1	Initial release.

IMPORTANT NOTICE – READ CAREFULLY