



STM32MP1 Developer Package - U-Boot



Contents

1. STM32MP1 Developer Package - U-Boot	7
2. Category:Developer Package	6
3. OpenSTLinux licenses	7
4. Example of directory structure for Packages	7
5. STM32MP15 OpenSTLinux release note - v1.2.0	7
6. STM32MP15 OpenSTLinux release note - v1.1.0	11
7. STM32MP15 OpenSTLinux release note - v1.0.0	12
8. U-Boot overview	12



STM32MP1 Developer Package - U-Boot

Stable: 11.03.2020 - 15:21 / Revision: 11.03.2020 - 14:21

This article provides the following information:

- How to download and install the **latest** U-Boot for the STM32 microprocessor Series used
- Where to find the associated release note



To use this package efficiently, please read the **Developer Package** article relative to your **STM32 microprocessors Series**: **Category:Developer Package**

Contents

1 STM32MP15-Ecosystem-v1.2.0 release	8
2 Archives	9
2.1 STM32MP15-Ecosystem-v1.1.0 release	9
2.2 STM32MP15-Ecosystem-v1.0.0 release	10


1 STM32MP15-Ecosystem-v1.2.0 release

- The STM32MP1 U-Boot is delivered through a tarball file named
 - **en.SOURCES-u-boot-stm32mp1-openstlinux-20-02-19.tar.xz** for STM32MP157C-EV1 and STM32MP157X-DKX boards
- Download and install the STM32MP1 U-Boot

The software package is provided AS IS, and by downloading it, you agree to be bound to the terms of the *software license agreement (SLA)*. The detailed content licenses can be found *here*.

STM32MP1 Developer Package U-Boot - STM32MP15-Ecosystem-v1.2.0 release	
Down load	You need to be logged on to <i>my.st.com</i> before accessing the following link <code>en.SOURCES-u-boot-stm32mp1-openstlinux-20-02-19.tar.xz</code>
Install ation	<ul style="list-style-type: none"> • Go to the host PC directory in which you want to install the Developer Package (<<i>Developer Package installation directory</i>>); if you follow the proposition to organize the working directory, this means: <pre style="border: 1px dashed gray; padding: 5px;">\$ cd <working directory path>/Developer-Package</pre> <ul style="list-style-type: none"> • Download the tarball file in this directory • Uncompress the tarball file to get the U-Boot (U-Boot source code, ST patches and so on):



STM32MP1 Developer Package U-Boot - STM32MP15-Ecosystem-v1.2.0 release	
	<pre>\$ tar xvf en.SOURCES-u-boot-stm32mp1-openstlinux-20-02-19.tar.xz \$ cd stm32mp1-openstlinux-20-02-19/sources/arm-ostl-linux-gnueabi /u-boot-stm32mp-2018.11-r0/ \$ tar xvf v2018.11.tar.gz</pre>
Release note	<p>Details of the content of the U-Boot are available in the associated STM32MP15 OpenSTLinux release note.</p> <p> If you are interested in older releases, please have a look into the section Archives.</p>

- The **U-Boot installation directory** is in the `<Developer Package installation directory>/stm32mp1-openstlinux-20-02-19/sources/arm-ostl-linux-gnueabi` directory, and is named `u-boot-stm32mp-<U-Boot version>`:

<pre>u-boot-stm32mp-2018.11-r0 ├── [*.patch ├── u-boot-2018.11 ├── Makefile.sdk ├── README.HOW_TO.txt ├── build ├── series └── v2018.11.tar.gz</pre>	<p>U-Boot installation directory ST patches to apply during the U-Boot preparation (see next chapter)</p> <p>U-Boot source code directory Makefile for the U-Boot compilation</p> <p>Helper file for U-Boot management: reference for U-Boot</p> <p>List of all ST patches to apply Tarball file of the U-Boot source code</p>
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2 Archives


2.1 STM32MP15-Ecosystem-v1.1.0 release

- The STM32MP1 U-Boot is delivered through a tarball file named
 - `en.SOURCES-u-boot-openstlinux-4.19-thud-mp1-19-10-09.tar.xz` for STM32MP157C-EV1 and STM32MP157X-DKX boards
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STM32MP1 Developer Package U-Boot - STM32MP15-Ecosystem-v1.1.0 release	
Download	<p>You need to be logged on to my.st.com before accessing the following link en.SOURCES-u-boot-stm32mp1-openstlinux-4.19-thud-mp1-19-10-09.tar.xz</p>
	<ul style="list-style-type: none"> Go to the host PC directory in which you want to install the Developer Package (<code><Developer Package installation directory></code>); if you follow the proposition to organize the working directory, this means:



STM32MP1 Developer Package U-Boot - STM32MP15-Ecosystem-v1.1.0 release	
Installation	<pre>\$ cd <working directory path>/Developer-Package</pre> <ul style="list-style-type: none"> Download the tarball file in this directory Uncompress the tarball file to get the U-Boot (U-Boot source code, ST patches and so on): <pre>\$ tar xvf en.SOURCES-u-boot-stm32mp1-openstlinux-4.19-thud-mp1-19-10-09.tar.xz</pre> <pre>\$ cd stm32mp1-openstlinux-4.19-thud-mp1-19-10-09/sources/arm-openstlinux_weston-linux-gnueabi/u-boot-stm32mp-2018.11-r0/</pre> <pre>\$ tar xvf v2018.11.tar.gz</pre>
Release note	<p>Details of the content of the U-Boot are available in the associated STM32MP15 OpenSTLinux release note.</p> <p> If you are interested in older releases, please have a look into the section Archives.</p>

- The **U-Boot installation directory** is in the `<Developer Package installation directory>/stm32mp1-openstlinux-4.19-thud-mp1-19-10-09/sources/arm-openstlinux_weston-linux-gnueabi` directory, and is named `u-boot-stm32mp-<U-Boot version>`:

<pre>u-boot-stm32mp-2018.11-r0 ├── [*].patch ├── u-boot-2018.11 ├── Makefile.sdk ├── README.HOW_TO.txt ├── build ├── series └── v2018.11.tar.gz</pre>	<p>U-Boot installation directory ST patches to apply during the U-Boot preparation (see next chapter)</p> <p>U-Boot source code directory Makefile for the U-Boot compilation</p> <p>Helper file for U-Boot management: reference for U-Boot</p> <p>List of all ST patches to apply</p> <p>Tarball file of the U-Boot source code</p>
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2.2 STM32MP15-Ecosystem-v1.0.0 release

- The STM32MP1 U-Boot is delivered through a tarball file named
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STM32MP1 Developer Package U-Boot - STM32MP15-Ecosystem-v1.0.0 release	
Installation	<pre>\$ cd <working directory path>/Developer-Package</pre> <ul style="list-style-type: none"> • Download the tarball file in this directory • Uncompress the tarball file to get the U-Boot (U-Boot source code, ST patches and so on): <pre>\$ tar xvf en.SOURCES-u-boot-stm32mp1-openstlinux-4.19-thud-mp1-19-02-20.tar.xz</pre> <pre>\$ cd stm32mp1-openstlinux-4.19-thud-mp1-19-02-20/sources/arm-openstlinux_weston-linux-gnueabi/u-boot-stm32mp-2018.11-r0/</pre> <pre>\$ tar xvf v2018.11.tar.gz</pre>
Release note	Details of the content of the U-Boot are available in the associated STM32MP15 OpenSTLinux release note .

- The **U-Boot installation directory** is in the `<Developer Package installation directory>/stm32mp1-openstlinux-4.19-thud-mp1-19-02-20/sources/arm-openstlinux_weston-linux-gnueabi` directory, and is named `u-boot-stm32mp-<U-Boot version>`:

<code>u-boot-stm32mp-2018.11-r0</code>	U-Boot installation directory
<code>├─ [*.patch</code>	ST patches to apply during the U-Boot preparation (see next chapter)
<code>├─ u-boot-2018.11</code>	U-Boot source code directory
<code>├─ Makefile.sdk</code>	Makefile for the U-Boot compilation
<code>├─ README.HOW_TO.txt</code>	Helper file for U-Boot management: reference for U-Boot build
<code>├─ series</code>	List of all ST patches to apply
<code>└─ v2018.11.tar.gz</code>	Tarball file of the U-Boot source code

Das U-Boot -- the Universal Boot Loader (see [U-Boot_overview](#))

Category:Developer Package

This category groups together all articles related to a Developer Package (whatever the microprocessor device and the board).

The Developer Package is specified in the [Which Package better suits your needs](#) article.

Pages in category "Developer Package"

The following 3 pages are in this category, out of 3 total.



H

- [How to cross-compile with the Developer Package](#)

S

- [STM32MP1 Developer Package](#)
- [STM32MP1 Developer Package for Android](#)

OpenSTLinux licenses

Stable: 02.04.2020 - 09:36 / Revision: 02.04.2020 - 09:35

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[Return to OpenSTLinux licenses.](#)

Example of directory structure for Packages

Stable: 21.02.2020 - 08:27 / Revision: 19.02.2020 - 16:49

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[Return to Example of directory structure for Packages.](#)

STM32MP15 OpenSTLinux release note - v1.2.0

Stable: 28.04.2020 - 15:31 / Revision: 28.04.2020 - 15:00

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[Return to STM32MP15 OpenSTLinux release note - v1.2.0.](#)

STM32MP1 Developer Package - U-Boot

Stable: 11.03.2020 - 15:21 / Revision: 11.03.2020 - 14:21

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Contents

1 STM32MP15-Ecosystem-v1.2.0 release	8
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2 Archives	9
2.1 STM32MP15-Ecosystem-v1.1.0 release	9
2.2 STM32MP15-Ecosystem-v1.0.0 release	10

1 STM32MP15-Ecosystem-v1.2.0 release

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Relea se note	<p>Details of the content of the U-Boot are available in the associated STM32MP15 OpenSTLinux release note.</p> <p> If you are interested in older releases, please have a look into the section Archives.</p>

- The **U-Boot installation directory** is in the <Developer Package installation directory>/stm32mp1-openstlinux-20-02-19/sources/arm-ostl-linux-gnueabi directory, and is named *u-boot-stm32mp-<U-Boot version>*:

```
u-boot-stm32mp-2018.11-r0  U-Boot installation directory
├─ [*].patch             ST patches to apply during the U-Boot preparation (see next
chapter)
├─ u-boot-2018.11       U-Boot source code directory
.
```




└─ Makefile.sdk	Makefile for the U-Boot compilation
└─ README.HOW_TO.txt	Helper file for U-Boot management: reference for U-Boot build
└─ series	List of all ST patches to apply
└─ v2018.11.tar.gz	Tarball file of the U-Boot source code


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```

u-boot-stm32mp-2018.11-r0  U-Boot installation directory
├── [*].patch              ST patches to apply during the U-Boot preparation (see next
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├── Makefile.sdk          Makefile for the U-Boot compilation
├── README.HOW_TO.txt    Helper file for U-Boot management: reference for U-Boot
├── build                 List of all ST patches to apply
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```

2.2 STM32MP15-Ecosystem-v1.0.0 release

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- Download and install the STM32MP1 U-Boot

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```
u-boot-stm32mp-2018.11-r0  U-Boot installation directory
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├── Makefile.sdk         Makefile for the U-Boot compilation
├── README.HOW_T0.txt   Helper file for U-Boot management: reference for U-Boot
├── build
├── series               List of all ST patches to apply
└── v2018.11.tar.gz     Tarball file of the U-Boot source code
```

Das U-Boot -- the Universal Boot Loader (see [U-Boot_overview](#))



STM32MP15 OpenSTLinux release note - v1.1.0

Stable: 02.04.2020 - 10:09 / Revision: 02.04.2020 - 10:06

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Return to [STM32MP15 OpenSTLinux release note - v1.1.0](#).

STM32MP15 OpenSTLinux release note - v1.0.0

Stable: 02.04.2020 - 10:07 / Revision: 02.04.2020 - 10:05

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Return to [STM32MP15 OpenSTLinux release note - v1.0.0](#).

U-Boot overview

Stable: 23.01.2020 - 13:52 / Revision: 23.01.2020 - 13:46

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Return to [U-Boot overview](#).