



STM32MP1 Developer Package - U-Boot



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A quality version of this page, accepted on 10 October 2019, was based off this revision.

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


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
- Download and install the STM32MP1 U-Boot

By downloading this software package, 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-v1.1.0 release	
Down load	You need to be logged on to <i>my.st.com</i> before accessing the following link en.SOURCES-u-boot-stm32mp1-openstlinux-4.19-thud-mp1-19-10-09.tar.xz
Install ation	<ul style="list-style-type: none"> • Go to the host PC directory in which you want to install the Developer Package (<Developer Package installation directory>); if you follow the proposition to organize the working directory, this means: <pre style="border: 1px dashed black; 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): <pre style="border: 1px dashed black; padding: 5px;">\$ tar xvf en.SOURCES-u-boot-stm32mp1-openstlinux-4.19-thud-mp1-19-10-09.tar.xz \$ cd stm32mp1-openstlinux-4.19-thud-mp1-19-10-09/sources/arm-openstlinux_weston-linux-gnueabi/u-boot-stm32mp-2018.11-r0/ \$ tar xvf v2018.11.tar.gz</pre>
Relea	Details of the content of the U-Boot are available in the associated STM32MP15 OpenSTLinux release note .



	STM32MP1 Developer Package U-Boot - STM32MP15-Ecosystem-v1.1.0 release
see note	 If you are interested in older releases, please have a look into the section Archives .

- 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>`:

<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

2 Archives

2.1 STM32MP15-Ecosystem-v1.0.0 release

- The STM32MP1 U-Boot is delivered through a tarball file named
 - `en.SOURCES-u-boot-openstlinux-4.19-thud-mp1-19-02-20.tar.xz` for STM32MP157C-EV1 and STM32MP157X-DKX boards
- Download and install the STM32MP1 U-Boot

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	STM32MP1 Developer Package U-Boot - STM32MP15-Ecosystem-v1.0.0 release
Download	You need to be logged on to my.st.com before accessing the following link <code>en.SOURCES-u-boot-stm32mp1-openstlinux-4.19-thud-mp1-19-02-20.tar.xz</code>
Install	<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: <div style="border: 1px dashed gray; padding: 5px; margin: 10px 0;"> <pre>\$ cd <working directory path>/Developer-Package</pre> </div> 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-v1.0.0 release	
Installation	<pre>\$ tar xvf en.SOURCES-u-boot-stm32mp1-openstlinux-4.19-thud-mp1-19-02-20.tar.xz \$ cd stm32mp1-openstlinux-4.19-thud-mp1-19-02-20/sources/arm-openstlinux_weston-linux-gnueabi/u-boot-stm32mp-2018.11-r0/ \$ 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](#))