



# STM32MP1 Developer Package - U-Boot



# STM32MP1 Developer Package - U-Boot

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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 .....	2
2 Archives .....	3
<b>2.1 STM32MP15-Ecosystem-v1.1.0 release .....</b>	<b>3</b>
<b>2.2 STM32MP15-Ecosystem-v1.0.0 release .....</b>	<b>4</b>

## 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*.



To download a package, it is recommended to be logged in to your "myst" account [1]. If, trying to download, you encounter a "403 error", you could try to empty your browser cache to workaround the problem. We are working on the resolution of this problem. We apologize for this inconvenience

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 <a href="http://en.SOURCES-u-boot-stm32mp1-openstlinux-20-02-19.tar.xz">en.SOURCES-u-boot-stm32mp1-openstlinux-20-02-19.tar.xz</a>
	<ul style="list-style-type: none"> <li>• Go to the host PC directory in which you want to install the Developer Package (&lt;<i>Developer Package installation directory</i>&gt;); if you follow the proposition to organize the working directory, this means:</li> </ul>



STM32MP1 Developer Package U-Boot - STM32MP15-Ecosystem-v1.2.0 release	
Installation	<pre>\$ cd &lt;working directory path&gt;/Developer-Package</pre> <ul style="list-style-type: none"> <li>Download the tarball file in this directory</li> <li>Uncompress the tarball file to get the U-Boot (U-Boot source code, ST patches and so on):</li> </ul> <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 <b>associated STM32MP15 OpenSTLinux release note</b>.</p> <p> If you are interested in older releases, please have a look into the section <a href="#">Archives</a>.</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>`:

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


## 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
- Download and install the STM32MP1 U-Boot

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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 <a href="#">en.SOURCES-u-boot-stm32mp1-openstlinux-4.19-thud-mp1-19-10-09.tar.xz</a>
Install ation	<ul style="list-style-type: none"> <li>Go to the host PC directory in which you want to install the Developer Package (<i>&lt;Developer Package installation directory&gt;</i>); if you follow the proposition to organize the working directory, this means:</li> </ul> <pre>\$ cd &lt;working directory path&gt;/Developer-Package</pre> <ul style="list-style-type: none"> <li>Download the tarball file in this directory</li> <li>Uncompress the tarball file to get the U-Boot (U-Boot source code, ST patches and so on):</li> </ul> <pre>\$ 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 se note	<p>Details of the content of the U-Boot are available in the <b>associated STM32MP15 OpenSTLinux release note</b>.</p> <p> If you are interested in older releases, please have a look into the section <a href="#">Archives</a>.</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>*:

```
u-boot-stm32mp-2018.11-r0  U-Boot installation directory
├── [*].patch              ST patches to apply during the U-Boot preparation (see next
├── 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                 List of all ST patches to apply
├── series                Tarball file of the U-Boot source code
└── v2018.11.tar.gz
```

## 2.2 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	
Down load	You need to be logged on to <i>my.st.com</i> before accessing the following link <a href="#">en.SOURCES-u-boot-stm32mp1-openstlinux-4.19-thud-mp1-19-02-20.tar.xz</a>
Install ation	<ul style="list-style-type: none"> <li>Go to the host PC directory in which you want to install the Developer Package (<i>&lt;Developer Package installation directory&gt;</i>); if you follow the proposition to organize the working directory, this means:</li> </ul> <pre>\$ cd &lt;working directory path&gt;/Developer-Package</pre> <ul style="list-style-type: none"> <li>Download the tarball file in this directory</li> <li>Uncompress the tarball file to get the U-Boot (U-Boot source code, ST patches and so on):</li> </ul> <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>
Relea se note	Details of the content of the U-Boot are available in the <b>associated</b> <a href="#">STM32MP15 OpenSTLinux release note</a> .

- 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>*:

```
u-boot-stm32mp-2018.11-r0
├── [*].patch          U-Boot installation directory
│                    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
```

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