



# 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**

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# 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"> <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> <pre style="border: 1px dashed gray; padding: 5px;">\$ 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>



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 <b>associated</b> <a href="#">STM32MP15 OpenSTLinux release note</a>.</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>`:

<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><b>U-Boot installation directory</b> ST patches to apply during the U-Boot preparation (see next chapter)</p> <p><b>U-Boot source code directory</b> Makefile for the U-Boot compilation</p> <p><b>Helper file for U-Boot management: reference for U-Boot</b></p> <p><b>List of all ST patches to apply</b></p> <p><b>Tarball file of the U-Boot source code</b></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
- Download and install the STM32MP1 U-Boot

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STM32MP1 Developer Package U-Boot - STM32MP15-Ecosystem-v1.1.0 release	
Download	<p>You need to be logged on to <a href="#">my.st.com</a> before accessing the following link <a href="#">en.SOURCES-u-boot-stm32mp1-openstlinux-4.19-thud-mp1-19-10-09.tar.xz</a></p>
	<ul style="list-style-type: none"> <li>Go to the host PC directory in which you want to install the Developer Package (<code>&lt;Developer Package installation directory&gt;</code>); if you follow the proposition to organize the working directory, this means:</li> </ul>



STM32MP1 Developer Package U-Boot - STM32MP15-Ecosystem-v1.1.0 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-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 <b>associated</b> <a href="#">STM32MP15 OpenSTLinux release note</a>.</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>`:

<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><b>U-Boot installation directory</b> ST patches to apply during the U-Boot preparation (see next chapter)</p> <p><b>U-Boot source code directory</b> Makefile for the U-Boot compilation Helper file for U-Boot management: reference for U-Boot</p> <p><b>List of all ST patches to apply</b> 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
  - `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	<p>You need to be logged on to <a href="#">my.st.com</a> before accessing the following link <code>en.SOURCES-u-boot-stm32mp1-openstlinux-4.19-thud-mp1-19-02-20.tar.xz</code></p>
	<ul style="list-style-type: none"> <li>Go to the host PC directory in which you want to install the Developer Package (<code>&lt;Developer Package installation directory&gt;</code>); if you follow the <a href="#">proposition to organize the working directory</a>, this means:</li> </ul>



STM32MP1 Developer Package U-Boot - STM32MP15-Ecosystem-v1.0.0 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-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 <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>*:

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

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