



STM32MP1 Developer Package - TF-A



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A quality version of this page, accepted on 21 February 2020, was based off this revision.

This article aims to give the following information:

- How to download and install the **latest** TF-A for the STM32 microprocessor Series
- Where to find the associated release note
- Where to find the previous releases (archives)



To use efficiently this package, please go through the Developer Package article relative to your STM32 microprocessor Series: [Category:Developer Package](#)

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1 STM32MP15-Ecosystem-v1.2.0 release

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

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 TF-A - STM32MP15-Ecosystem-v1.2.0 release	
Download	You need to be logged on my.st.com before accessing the following link: en.SOURCES-tf-a-stm32mp1-openstlinux-20-02-19.tar.xz
Installation	<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, it means: <pre style="border: 1px dashed black; padding: 5px; margin: 10px 0;">\$ 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 TF-A (TF-A source code, ST patches...):



STM32MP1 Developer Package TF-A - STM32MP15-Ecosystem-v1.2.0 release	
	<pre>\$ tar xvf en.SOURCES-tf-a-stm32mp1-openstlinux-20-02-19.tar.xz \$ cd stm32mp1-openstlinux-20-02-19/sources/arm-ostl-linux-gnueabi /tf-a-stm32mp-2.0-r0/ \$ tar xvf v2.0.tar.gz</pre>
Release note	<p>Details about the content of the TF-A 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 **TF-A installation directory** is in the `<Developer Package installation directory>/stm32mp1-openstlinux-20-02-19/sources/arm-ostl-linux-gnueabi` directory, and is named `tf-a-stm32mp-<TF-A version>`:

<pre>tf-a-stm32mp-2.0-r0 ├── [*].patch ├── arm-trusted-firmware-2.0 ├── Makefile.sdk ├── README.HOW_TO.txt ├── series └── v2.0.tar.gz</pre>	<p>TF-A installation directory ST patches to apply during the TF-A preparation (see next chapter)</p> <p>TF-A source code directory Makefile for the TF-A compilation</p> <p>Helper file for TF-A management: reference for TF-A build List of all ST patches to apply</p> <p>Tarball file of the TF-A source code</p>
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2 Archives


2.1 STM32MP15-Ecosystem-v1.0.0 release

- The STM32MP1 TF-A is delivered through a tarball file named
 - `en.SOURCES-tf-a-stm32mp1-openstlinux-4.19-thud-mp1-19-10-09.tar.xz` for STM32MP157C-EV1 and STM32MP157X-DKX boards
- Download and install the STM32MP1 TF-A

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STM32MP1 Developer Package TF-A - STM32MP15-Ecosystem-v1.1.0 release	
Download	<p>You need to be logged on my.st.com before accessing the following link: <code>en.SOURCES-tf-a-stm32mp1-openstlinux-4.19-thud-mp1-19-10-09.tar.xz</code></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, it means:



STM32MP1 Developer Package TF-A - 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 TF-A (TF-A source code, ST patches...): <pre>\$ tar xvf en.SOURCES-tf-a-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/tf-a-stm32mp-2.0-r0/</pre> <pre>\$ tar xvf v2.0.tar.gz</pre>
Release note	<p>Details about the content of the TF-A are available in the associated STM32MP15 OpenSTLinux release note.</p>  If you are interested in older releases, please have a look into the section Archives .

- The **TF-A 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 `tf-a-stm32mp-<TF-A version>`:

<code>tf-a-stm32mp-2.0-r0</code>	TF-A installation directory
<code>├── [*].patch</code>	ST patches to apply during the TF-A preparation (see next chapter)
<code>├── arm-trusted-firmware-2.0</code>	TF-A source code directory
<code>├── Makefile.sdk</code>	Makefile for the TF-A compilation
<code>├── README.HOW_TO.txt</code>	Helper file for TF-A management: reference for TF-A build
<code>├── series</code>	List of all ST patches to apply
<code>└── v2.0.tar.gz</code>	Tarball file of the TF-A source code

2.2 STM32MP15-Ecosystem-v1.0.0 release

- The STM32MP1 TF-A is delivered through a tarball file named
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STM32MP1 Developer Package TF-A - STM32MP15-Ecosystem-v1.0.0 release	
Installation	<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, it means: <pre>\$ cd <working directory path>/Developer-Package</pre> <ul style="list-style-type: none">Download the tarball file in this directoryUncompress the tarball file to get the TF-A (TF-A source code, ST patches...): <pre>\$ tar xvf en.SOURCES-tf-a-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/tf-a-stm32mp-2.0-r0/ \$ tar xvf v2.0.tar.gz</pre>
Release note	Details about the content of the TF-A are available in the associated STM32MP15 OpenSTLinux release note .

- The **TF-A 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 *tf-a-stm32mp-<TF-A version>*:

<pre>tf-a-stm32mp-2.0-r0 ├── [*].patch ├── arm-trusted-firmware-2.0 ├── Makefile.sdk ├── README.HOW_TO.txt ├── series └── v2.0.tar.gz</pre>	<p>TF-A installation directory ST patches to apply during the TF-A preparation (see next chapter)</p> <p>TF-A source code directory Makefile for the TF-A compilation Helper file for TF-A management: reference for TF-A build List of all ST patches to apply Tarball file of the TF-A source code</p>
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Trusted Firmware for Arm Cortex-A