



## STM32MP1 Developer Package - TF-A-SSP



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A quality version of this page, approved on 17 November 2020, was based off this revision.

This article aims to give the following information:

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

 **Warning**

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




## 1 STM32MP15-Ecosystem-v2.1.0 release

- The STM32MP1 TF-A-SSP is delivered through a tarball file named **en.SOURCES-tf-a-ssp-stm32mp1-openstlinux-5-4-dunfell-mp1-20-11-12.tar.xz**
- Download and install the STM32MP1 TF-A-SSP

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](#).

### Warning

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 TF-A SSP - STM32MP15-Ecosystem-v2.1.0 release |  |
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| Download   | You need to be logged on <a href="https://my.st.com">my.st.com</a> before accessing the following link:<br><a href="https://en.SOURCES-tf-a-ssp-stm32mp1-openstlinux-5-4-dunfell-mp1-20-11-12.tar.xz">en.SOURCES-tf-a-ssp-stm32mp1-openstlinux-5-4-dunfell-mp1-20-11-12.tar.xz</a>   |
| Installation   | <ul style="list-style-type: none"> <li>• Go to the host PC directory in which you want to install the Developer Package (&lt;Developer Package installation directory&gt;); if you follow the proposition to organize the working directory, it means:           <pre style="border: 1px dashed black; padding: 5px; margin: 10px 0;">\$ cd &lt;working directory path&gt;/Developer-Package</pre> </li> <li>• Download the tarball file in this directory</li> <li>• Uncompress the tarball file to get the TF-A SSP (TF-A SSP source code, ST patches...):           <pre style="border: 1px dashed black; padding: 5px; margin: 10px 0;">PC \$&gt; \$ tar xvf en.SOURCES-tf-a-ssp-stm32mp1-openstlinux-5-4-dunfell-mp1-20-11-12.tar.xz PC \$&gt; \$ cd stm32mp1-openstlinux-5-4-dunfell-mp1-20-11-12/sources/arm-ostl-linux-gnueabi/tf-a-stm32mp-ssp-2.2.r2-r0 PC \$&gt; \$ tar xvf tf-a-stm32mp-ssp-2.2.r2-r0.tar.gz</pre> </li> </ul> |
| Release note   | <p>Details about the content of the TF-A SSP 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 **TF-A SSP installation directory** is in the <Developer Package installation directory>/stm32mp1-openstlinux-20-11-12/sources/arm-ostl-linux-gnueabi directory, and is named *tf-a-stm32mp-ssp-<TF-A version>*:



```
tf-a-stm32mp-ssp-2.2.r2-r0
├── [*].patch
├── tf-a-stm32mp-ssp-2.2.r2
├── Makefile.sdk
├── README.HOW_TO.txt
├── series
└── tf-a-stm32mp-ssp-2.2.r2-r0.tar.gz
```

**TF-A SSP installation directory**  
**ST patches to apply during the TF-A SSP preparation (see next chapter)**  
**TF-A SSP source code directory**  
**Makefile for the TF-A SSP compilation**  
**Helper file for TF-A SSP management: reference for TF-A SSP build**  
**List of all ST patches to apply**  
**Tarball file of the TF-A SSP source code**



## 2 Archives

This wiki is for the v2 ecosystem releases. For information about the previous ecosystem releases, please go through the Wiki archives.

### 2.1 STM32MP15-Ecosystem-v2.0.0 release

- The STM32MP1 TF-A-SSP is delivered through a tarball file named **en.SOURCES-tf-a-ssp-stm32mp1-openstlinux-5-4-dunfell-mp1-20-06-24.tar.xz**
- Download and install the STM32MP1 TF-A-SSP


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#### Warning

To download a package, it is recommended to be logged in to your "myst" account [2]. 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.

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| STM32MP1 Developer Package TF-A SSP - STM32MP15-Ecosystem-v2.0.0 release |  |
|--|--|
| Download   | You need to be logged on <i>my.st.com</i> before accessing the following link:<br>en.SOURCES-tf-a-ssp-stm32mp1-openstlinux-5-4-dunfell-mp1-20-06-24.tar.xz   |
| Installation   | <ul style="list-style-type: none"> <li>Go to the host PC directory in which you want to install the Developer Package (&lt;Developer Package installation directory&gt;); if you follow the proposition to organize the working directory, it means:</li> </ul> <pre style="border: 1px dashed black; 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 TF-A SSP (TF-A SSP source code, ST patches...):</li> </ul> <pre style="border: 1px dashed black; padding: 5px;">PC \$&gt; \$ tar xvf en.SOURCES-tf-a-ssp-stm32mp1-openstlinux-5-4-dunfell-mp1-20-06-24.tar.xz PC \$&gt; \$ cd stm32mp1-openstlinux-5.4-dunfell-mp1-20-06-24/sources /arm-ostl-linux-gnueabi/tf-a-stm32mp-ssp-2.2.r1-r0 PC \$&gt; \$ tar xvf tf-a-stm32mp-ssp-2.2.r1-r0.tar.gz</pre> |
| Release note   | <p>Details about the content of the TF-A SSP are available in the <b>associated</b> STM32MP15 OpenSTLinux release note.</p> <p> If you are interested in older releases, please have a look into the section <a href="#">Archives</a>.</p>  |

- The **TF-A SSP installation directory** is in the <Developer Package installation directory>/stm32mp1-openstlinux-20-06-24/sources/arm-ostl-linux-gnueabi directory, and is named *tf-a-stm32mp-ssp-<TF-A version>*:

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|---|--|
| <pre>tf-a-stm32mp-ssp-2.2.r1-r0 ├── [*].patch ├── tf-a-stm32mp-ssp-2.2.r1 ├── Makefile.sdk ├── README.HOW_TO.txt ├── series └── tf-a-stm32mp-ssp-2.2.r1-r0.tar.gz</pre> | <p><b>TF-A SSP installation directory</b></p> <p><b>ST patches to apply during the TF-A SSP preparation (see next chapter)</b></p> <p><b>TF-A SSP source code directory</b></p> <p><b>Makefile for the TF-A SSP compilation</b></p> <p><b>Helper file for TF-A SSP management: reference for TF-A SSP build</b></p> <p><b>List of all ST patches to apply</b></p> <p><b>Tarball file of the TF-A SSP source code</b></p> |
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