

Libero Software Download and License Installation Quick Start Guide

Download and Install Libero SoC

The following steps download and install Libero SoC.

1. Go to [Libero SoC Design Software](#).
2. Click on the Libero software to install.
3. Login to the [SoC portal](#) and save the downloaded software.
4. Unzip the downloaded file and run the installer (.exe on Windows or .bin on Linux).

Request a Libero License

The following steps request the Libero SoC license.

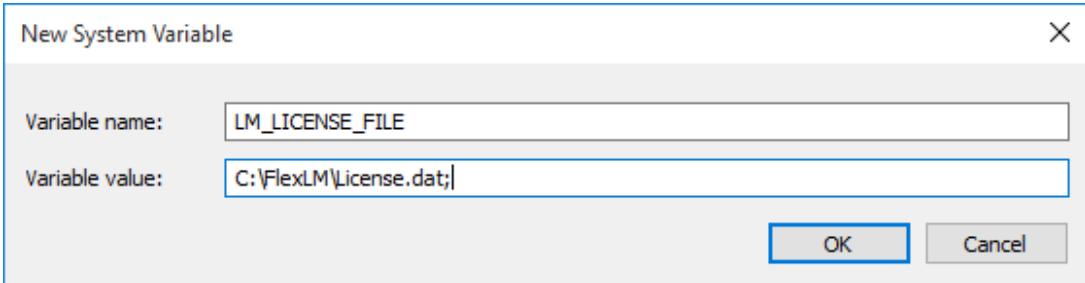
1. Login to the [SoC portal page](#).
2. For a paid license, click on “License and Registration”, enter the received software ID, and click on “Software ID for the Purchased Product”. For a free license, click on the “Request Free License page” and select the license option.
3. Based on individual license request, enter the [DiskID](#), [MACID](#), or FlexID, and click “Submit”.
 - a. To locate the machine ID, click “How to find *ID” on the same page.
4. The requested license file will be emailed as an attachment to the registered email in the SoC portal account.

Setup Node-Locked License (DiskID/USB Dongle)

The following steps set up the node-locked license.

1. Save the email attachment “License.dat” file to the local drive, for example, C:\FlexLM\license.dat.
2. Open Control Panel > System and Security > System > Advanced system settings > Environmental Variables.
3. Create a new variable or edit the existing variable name “LM_LICENSE_FILE” and set the variable value as the path to the license file saved. The following screenshot shows an example.

New System Variable



The screenshot shows a dialog box titled "New System Variable" with a close button (X) in the top right corner. It contains two input fields: "Variable name:" with the text "LM_LICENSE_FILE" and "Variable value:" with the text "C:\FlexLM\license.dat;". At the bottom right, there are two buttons: "OK" and "Cancel".

4. Click “OK” to save environment variables, then click “OK” to exit all environment variables and system properties windows.
5. If a USB Dongle license is purchased, plug in the USB dongle to any USB port on the machine where the license is installed.
6. Launch Libero SoC on the machine.

Setup Floating License (MACID on Windows/Linux)

License Server (Host) Setup

Save the email attachment “License.dat” file on the server machine, for example,

C:\FlexLM\License.dat or /licenses/License.dat.

The following steps set up the license server.

1. Download the required license daemons based on the server platform from [Microsemi Licensing](#).
2. Extract the content to a folder on the server machine, for example, C:\FlexLM or /licenses.
3. Edit the top four header lines **only** in the “License.dat” file, similar to the following examples.

Original

```
SERVER <put.host.here> dc4a3e8321c9 1702
DAEMON actlmgrd path_to_actlmgrd/actlmgrd
DAEMON mgcld path_to_mgcld/mgcld
VENDOR snpslmd path_to_snpslmd/snpslmd
```

Windows

```
SERVER sjsoc0496 dc4a3e8321c9 1702
DAEMON actlmgrd C:/FlexLM/actlmgrd
DAEMON mgcld C:/FlexLM/mgcld
VENDOR snpslmd C:/FlexLM/snpslmd
```

Linux

```
SERVER sage 846ad83e 1702
DAEMON actlmgrd /licenses/actlmgrd
DAEMON mgcld /licenses/mgcld
VENDOR snpslmd /licenses/snpslmd
```

Note: Do not modify anything after the top four lines in the license file.

4. Save and close the license file.
5. Open the Command Prompt on Windows or Terminal on Linux, and run the following command.
Windows: > C:\FlexLM\lmgrd -c C:\FlexLM\License.dat -l C:\FlexLM\License.log
Linux: > /licenses/lmgrd -c /licenses/License.dat -l /licenses/License.log <path_to_license_daemons>/lmgrd -c <path_to_license_file>/License.dat > -l <path_to_license_file>/License.log

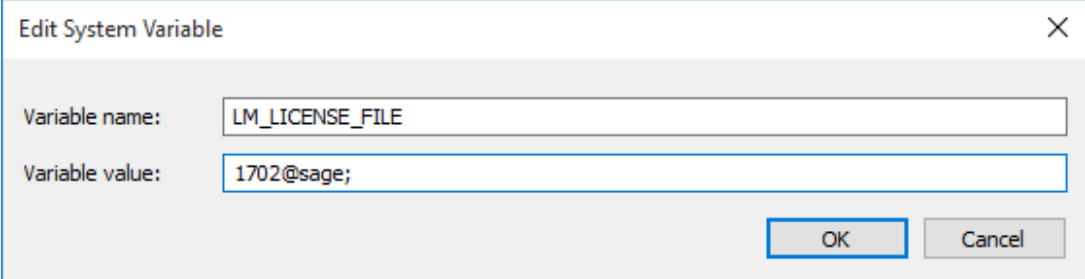
Client (End User) License Setup

The following steps set up the client license for Windows and Linux systems.

Windows:

1. Open Control Panel > System and Security > System > Advanced system settings > Environment Variables.
2. Create a new variable or edit the existing variable "LM_LICENSE_FILE" and set the value as <port>@<server>. The following screenshot shows an example.

Edit System Variable



The screenshot shows a dialog box titled "Edit System Variable". It has two input fields: "Variable name:" with the text "LM_LICENSE_FILE" and "Variable value:" with the text "1702@sage;". At the bottom right, there are two buttons: "OK" and "Cancel".

3. Click "OK" to save environment variables, then click "OK" to exit all environment variables and system properties windows.
4. Launch Libero SoC on the machine.

Linux:

1. Open a Terminal window.
2. Run the following command
> `setenv LM_LICENSE_FILE <port>@<server>`
Example
> `setenv LM_LICENSE_FILE 1702@sage`
3. Launch Libero SoC on the machine.

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