

**UG0917**  
**Instructions Sheet**  
**Libero Temporary License Support**

Preliminary

April 2020



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a  **MICROCHIP** company

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# 1 Introduction

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## 1.1 Overview

In light of the extensive shelter in place/work from home mandates due to the COVID-19 outbreak, the Microchip FPGA business unit wants to support its customers by keeping their FPGA designs progressing. Current Libero SoC Gold and Platinum license users may not have access to the Libero design tools, licenses, and IP available on their corporate network from their home offices. To ensure that business can progress as normal for the customers, Microchip offers to extend a temporary 60 days Libero SoC license that matches their current corporate license for home use. These temporary licenses will allow the customers to continue with their projects, while doing their part to flatten the curve.

This document describes the steps required to attain the temporary license to access FPGA design tools.

## 2 Requesting a Temporary Libero Gold/Platinum License

Follow the steps below to obtain your temporary Libero Gold/Platinum license.

**Note:**

You must have a Microsemi® SoC web portal account to request a temporary license.

1. Determine the disk volume serial number for the C drive of your PC. The disk volume serial number can be obtained by using the following command in the DOS or command prompt:

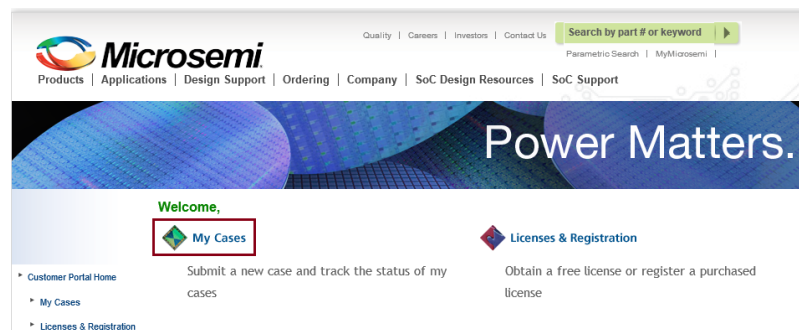
```
C:> Vol
```

2. Log into the following SoC portal account:

<https://soc.microsemi.com/Portal/Default.aspx>

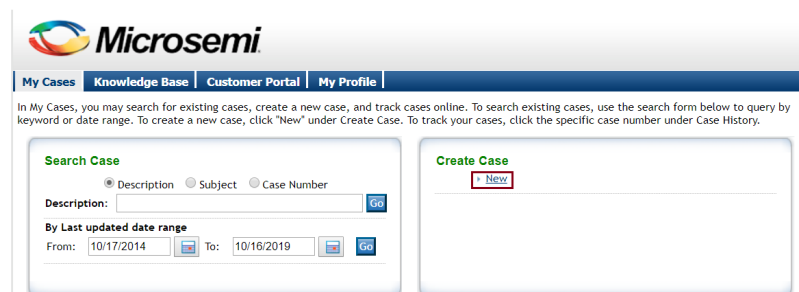
3. Click **My Cases**.

**Figure 1 • SoC Portal**



4. Click **New** under **Create Case** field to create a new technical support case.

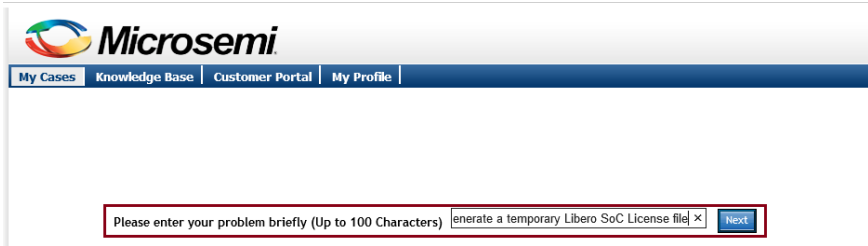
**Figure 2 • Creating a New Case**



5. Specify the problem description as "Request to generate a temporary Libero SoC License file" in the **Problem** field.

Click **Next**.

Figure 3 • Case Description

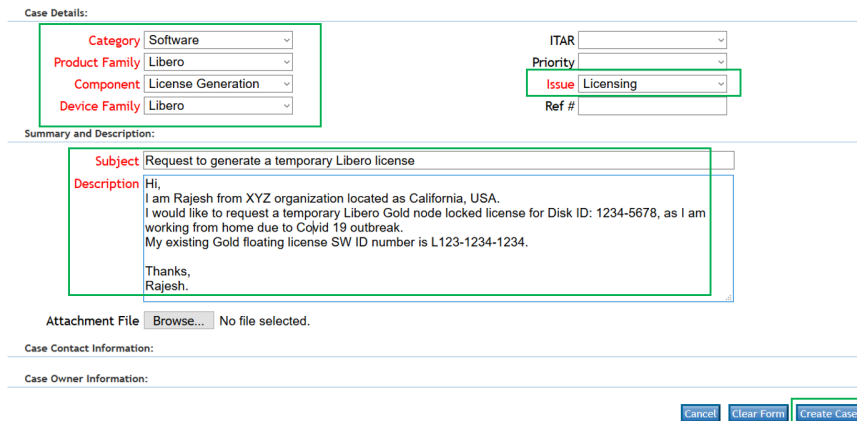


The screenshot shows the Microsemi case description form. At the top is the Microsemi logo and a navigation bar with links: My Cases, Knowledge Base, Customer Portal, and My Profile. Below the navigation bar is a text input field with the placeholder text "Please enter your problem briefly (Up to 100 Characters)". To the right of this field is a button labeled "generate a temporary Libero SoC License file" and a "Next" button.

6. Enter the following details in the **Case Details** and **Summary and Description** fields:

- Category — Software
- Product Family — Libero
- Component — License Generation
- Device Family — Libero
- Issue — Licensing
- Description — Identify yourself as needing a temporary license. Include the Disk ID (C drive volume serial number) of the PC along with the existing active software ID number (available at the last line in the license file) or the Libero license file.

Figure 4 • Case Details



The screenshot shows the Microsemi case details form. It is divided into two main sections: "Case Details" and "Summary and Description".

**Case Details:**

- Category:** Software (dropdown)
- Product Family:** Libero (dropdown)
- Component:** License Generation (dropdown)
- Device Family:** Libero (dropdown)
- ITAR:** (dropdown)
- Priority:** (dropdown)
- Issue:** Licensing (dropdown)
- Ref #:** (text input)

**Summary and Description:**

- Subject:** Request to generate a temporary Libero license
- Description:**

Hi,

I am Rajesh from XYZ organization located as California, USA.

I would like to request a temporary Libero Gold node locked license for Disk ID: 1234-5678, as I am working from home due to Covid 19 outbreak.

My existing Gold floating license SW ID number is L123-1234-1234.

Thanks,

Rajesh.

**Attachment File:** Browse... No file selected.

**Case Contact Information:**

**Case Owner Information:**

At the bottom right, there are three buttons: Cancel, Clear Form, and Create Case.

7. Click **Create Case**.

You will receive an email with the license file (license.dat). The Libero SoC license is also available from your Microsemi SoC Portal account.

**Note:**

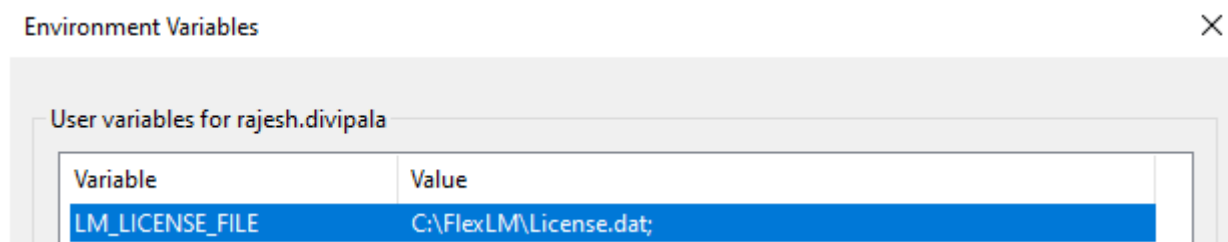
Enter a case with the FPGA BU technical support hotline via the Microsemi SoC Portal (<https://soc.microsemi.com/Portal/DPortal.aspx>), if you have any installation or licensing issues.

### 3 Installing the Libero License

Follow the steps given below to install the Libero license on your device.

1. Create a folder named *flexlm* on the C drive of your HDD.
2. Save the license file in that folder. Ensure that the file name is `license.dat`.
3. Open Windows Control Panel and select **System**.  
The system settings will appear.
4. Select **Advanced system settings** option.  
The **System Properties** dialog box appears.
5. Click **Environment Variables** tab on the Advanced tab options of the System Properties dialog box.
6. Under User variables list, search the `LM_LICENSE_FILE` variable name and perform either of the following steps:
  - If you do not have `LM_LICENSE_FILE` variable:
    - a. Click **New**.  
The **New User Variable** dialog box appears.
    - b. Enter the following details:
      - Variable name: `LM_LICENSE_FILE`
      - Variable value: `c:\flexlm\license.dat`
    - c. Click OK to save the new variable under the list of user variables.
  - If you already have `LM_LICENSE_FILE` variable:
    - a. Select the variable and click Edit.
    - b. Add a semicolon at the end of the variable value field and append with `c:\flexlm\license.dat`. For example:  
`c:\<path to existing licenses>;c:\flexlm\license.dat`

**Figure 5 • Environment Variables Screen**



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