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## DEVKIT-MPC5748G Rev D Setup

Windows 10

**Step 1** - direct yourself to the link provided below

- <https://www.nxp.com/document/guide/get-started-with-the-devkit-mpc5748g:NGS-DEVKIT-MPC5748G>

**Step 2** - Click on “Jump to 2. Get Software” on the top left side.

- Download the Tools and Integrated Development Environment (IDE)

### IDE and Build Tools (3)



- When you click on it will ask you for account credentials. Go ahead and create an account, and that will lead you to have access to the next page shown below
- <https://nxp.flexnetoperations.com/control/frse/download?agree=Accept&element=10944607>

### Product Download

**S32DS-PA\_v2.1**

Files			Download Help
Show All Files			4 Files
+	File Description	File Size	File Name
+	S32 Design Studio for Power Architecture® v2.1 - Linux	1.4 GB	<a href="#">S32DS_Power_Linux_v2.1.bin</a>
+	S32 Design Studio for Power Architecture® v2.1 - Windows	2 GB	<a href="#">S32DS_Power_Win32_v2.1.exe</a>
+	S32DS_PA_Installation_Guide_v2.1	495.1 KB	<a href="#">S32DS_PA_Installation_Guide_v2.1.pdf</a>
+	S32DS_PA_Release_Notes_v2.1	63 KB	<a href="#">S32DS_PA_Release_Notes_v2.1.pdf</a>




- For Windows 10: Install the S32 Design Studio for Power Architecture v2.1 – Windows (S32DS\_Power\_Win32\_v2.1.exe), S32\_PA\_Installation\_Guide\_v2.1, S32DS\_PA\_Release\_Notes\_v2.1

+	S32 Design Studio for Power Architecture® v2.1 - Windows	2 GB	<a href="#">S32DS_Power_Win32_v2.1.exe</a>
+	S32DS_PA_Installation_Guide_v2.1	495.1 KB	<a href="#">S32DS_PA_Installation_Guide_v2.1.pdf</a>
+	S32DS_PA_Release_Notes_v2.1	63 KB	<a href="#">S32DS_PA_Release_Notes_v2.1.pdf</a>

**Step 3** - License Information for S32DS-PA\_v2.1

- Activation Code: xxxx-xxxx-xxxx-xxxx

**Step 4** - During the Installation process make sure to get every tool, feature, and settings installed, allowed, and updated.

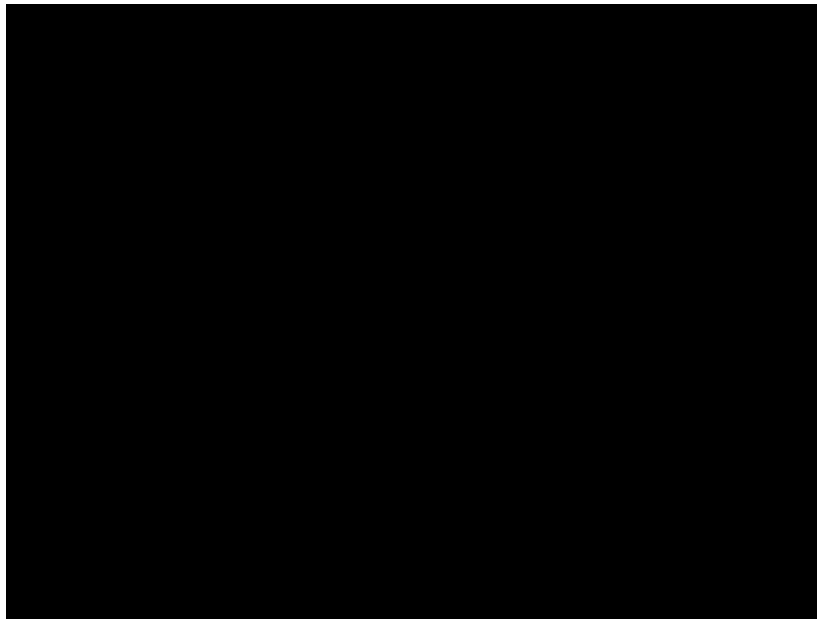
-  S32 Design Studio for Power Architect...
-  FreeMASTER 2.0
-  FreeMASTER Remote Server 2.0

**Step 5** - Direct yourself to this link and see if everything your board has been set up properly

- This will get the User LED2 to start blinking every ½ second.
- <https://community.nxp.com/t5/S32-Design-Studio-Knowledge-Base/HOWTO-Create-a-Blinking-LED-Project-MPC5748G/ta-p/1114912>
- Note: there run button doesn't work, so in order to actually run the program use debug configuration.

**Step 6** - Result

- Double Click on the black image, which will lead to a Google Drawing. Double click on the video, and that will show you a video showing the results of Step 5



**Congratulations!**