

EEL-5757: TO CREATE (EXECUTABLE) PROGRAMS FOR THE LCDK, WE ALSO NEED THE BSL FOR THE BOARD...

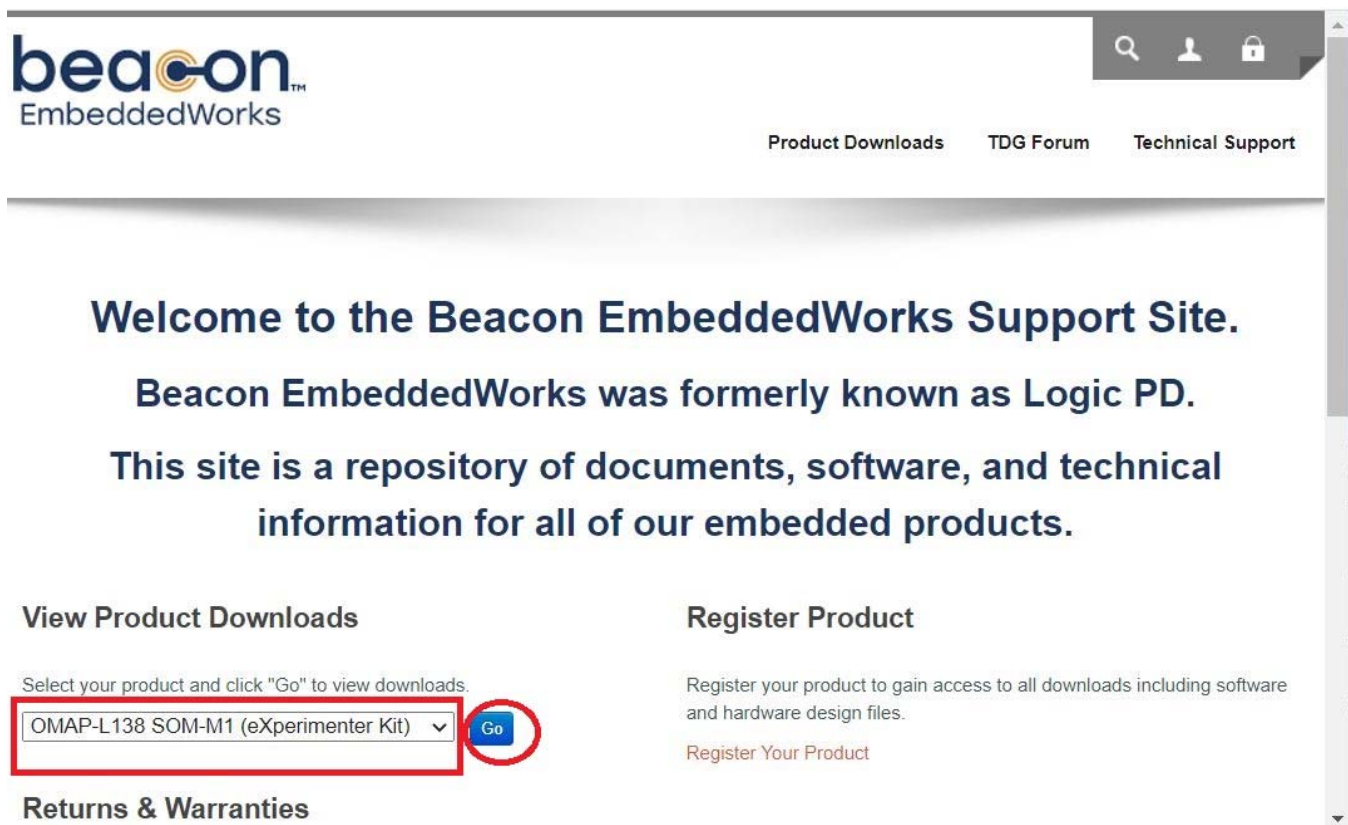
This handout shows you how you can download it.

There are some parts of a program for a computer system that require low-level functions that depend of the specific HARDWARE configuration of the system. In our case, these are contained in a Board Support Library (BSL), created by the original manufacturers (“LogicPD”) of the “eXperimenter” board. LogicPD has been absorbed by Beacon Embedded Systems. Fortunately, they have set up a web site to provide support to the products originally created by LogicPD, and we can download the BSL from there.

Instructions:

Go to <https://support.logicpd.com/> and

select OMAP-L138 SOM-M1(eXperimenter Kit) in the pull-down menu:



- Then CLICK [Go]

In the new page that opens, look at the very bottom, under the Software Development Tools category. Find the entry that reads OMAP-L138 TMS320C6748 & AM1808 SOM-M1 Gel, CCS Setup, & BSL Files (CCS v4.2.4) and click on that link – That will start the download of the ZIP file 10204898-1_CCSv4_2_4_with_SOM-M1_BSL_Ws.zip .

beacon
EmbeddedWorks

Product Downloads | TDG Forum | Technical Support

You are here: [Product Downloads](#) >> [OMAP-L138 SOM-M1 \(eXperimenter Kit\)](#)

▶ OMAP-L138 SOM-M1 (eXperimenter Kit) Downloads

This page shows all downloads for the OMAP-L138 SOM-M1 and eXperimenter Kit.
If you have feedback about a specific document, please let us know by commenting in the [OMAP-L138 eXperimenter Kit Forum](#).

These items and software are controlled by the U.S. Government, subject to denied parties screening, and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.

Some downloads are only available to users with registered products.

Date	Title	Note	Size
Product Information			
8/8/2014	START HERE - OMAP-L138 EXP KIT DOCUMENTATION OVERVIEW	pdf	Rev A 70 Kb
⋮			
1/21/2015	AM1808 & OMAP-L138 SOM-M1 U-Boot Software & Labs	zip	Rev D 5.8 Mb
Software Development Tools			
8/21/2009	OMAP-L138 - TMS320C6748 Code Composer Studio v3.3 IDE CD	iso	Note 687.8 Mb
7/8/2010	OMAP-L138 SOM-M1 GEL, CCS Setup, & BSL Files (CCS v3.3)	zip	v1.1 1.5 Mb
8/8/2014	OMAP-L138, TMS320C6748, & AM1808 SOM-M1 Gel, CCS Setup, & BSL Files (CCS v4.2.4)	zip	v2.3.2 26.2 Mb
12/22/2011	OMAP-L138, TMS320C6748, & AM1808 SOM-M1 Pin Mux Files	zip	Rev A 5 Kb
11/13/2009	Tera Term	zip	v4.63 7.0 Mb
7/8/2010	TMS320C6748 SOM-M1 GEL, CCS Setup, & BSL Files (CCS v3.3)	zip	v1.1 1.5 Mb

More Information

The TDG Forum provides a place for community discussion as well "articles" written by Logic PD engineers. Below are the most recent items.

Latest Forum Posts

03 Oct 2018 10:55 AM
[C6748 Boot from Rev C](#)

16 Apr 2013 03:48 AM
[Article: DM3730 T+W Bluetooth Baud Rate Modification](#)

15 Apr 2013 09:11 AM
[Article: DM3730 T+W Measuring Bluetooth Performance](#)

15 Apr 2013 06:11 AM
[Article: DM37 Linux - Newer I2Ctools](#)
[All Articles](#)

Product Information

- Product Downloads
- TDG Forum

Technical Support

- Register Product
- Have an Issue?
- Support Packages

Help With This Site

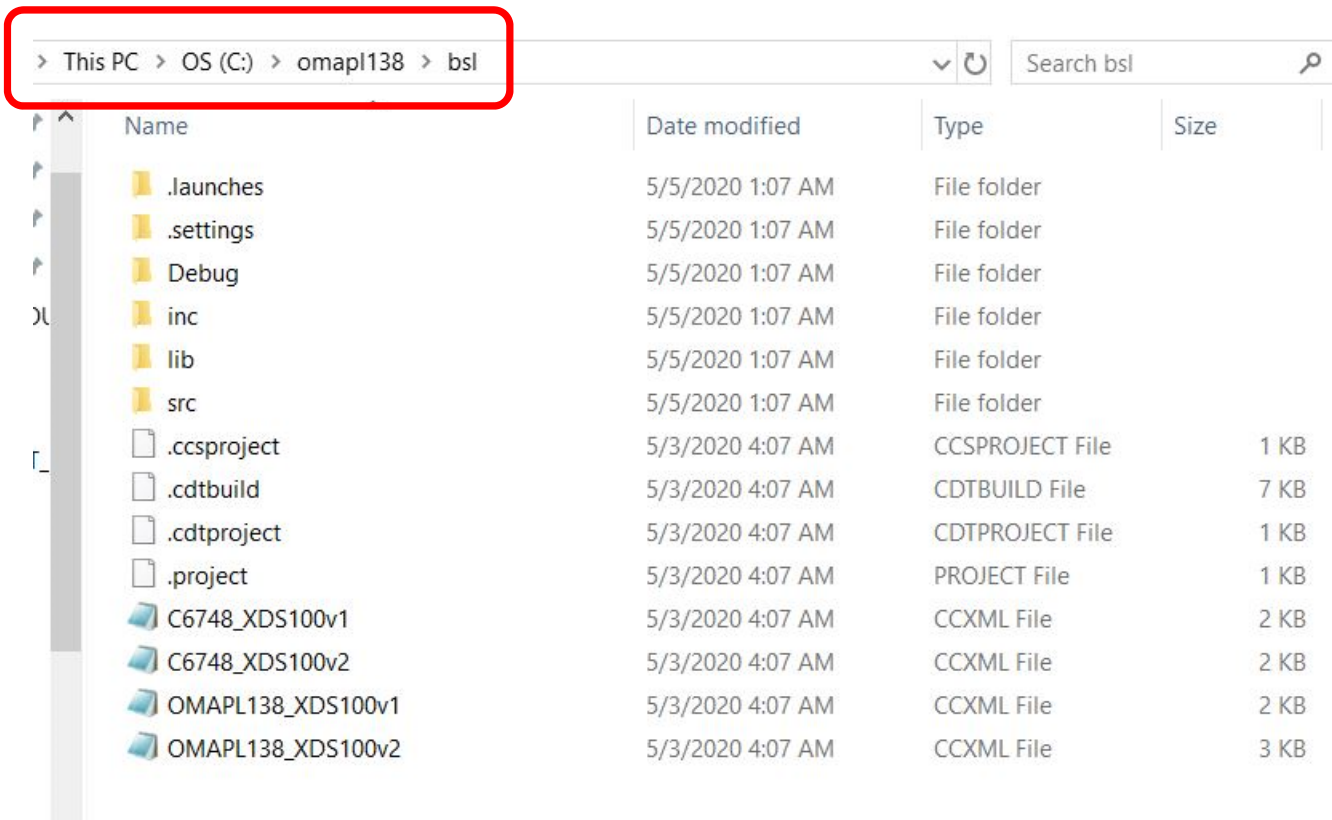
- Site FAQ
- Search

Finally, In the PC where you have installed CCS, CREATE a folder: “omap138” , right under your main drive (e.g., C). So that the path to that new folder will be:

C:\omap138

And EXTRACT ALL THE “bsl” sub-folder from THE CONTENTS OF THE ZIP FILE you just downloaded into that folder [SEE NEXT PAGE FOR A WAY TO ACHIEVE THIS IN WINDOWS].

This should create a folder “bsl”, under “C:\omap138” and several other folders within “bsl” folder :



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TO JUST COPY THE “bsl” FOLDER FROM THE ZIP FILE INTO

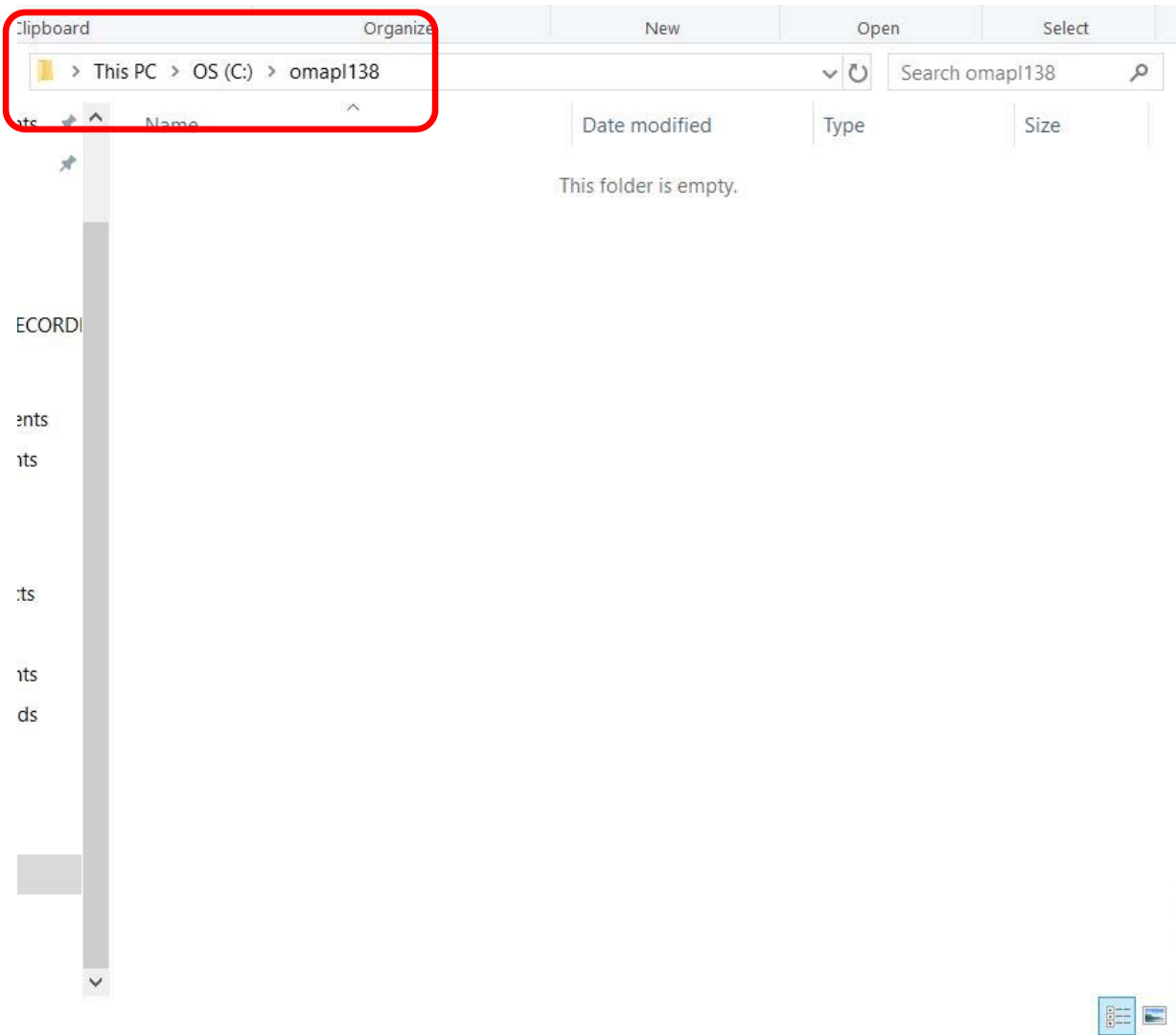
C:\omapl138\ you can follow these steps (in Windows):

(After you ALREADY CREATED the folder c:\omapl138):

a) Open a Windows File Explorer and type

c:\omapl138

at its top, so it will show that there are no files yet in c:\omapl138 :



THIS WILL BE “EXPLORER WINDOW 1”. Leave this window open and visible on your desktop.

b) Use a DIFFERENT Windows File Explorer (we will call this “EXPLORER WINDOW 2”) to locate the ZIP file that you downloaded (In my example, let’s assume I find it in:

C:\Users\MyUserName\Downloads

and that the name of the ZIP file is ZIPIGOT.zip

c) RIGHT-CLICK on the icon for ZIPIGOT.zip, and select

[Open with] -> [Windows Explorer]

Then, the contents of ZIPIGOT will be show in EXPLORER WINDOW 2.

d) At this point, in EXPLORER WINDOW 2 you can keep “digging down” into subsequent subdirectories of ZIPIGOT. Follow this path:

ZIPIGOT ++> CCSv4-2-4_with_SOM-M1_BSL_WS ++>

OMAP-L138_GEL_BSL_Files ++>

(++> means double-click to open the next level)

Until one of the folders shown in EXPLORER WINDOW 2 is [bsl]

Then LEFT-CLICK on the [bsl] icon displayed in EXPLORER WINDOW 2, and keep the left button of the mouse held down, while you DRAG the [bsl] icon INTO THE EMPTY SPACE displayed inside EXPLORER WINDOW 1, and then RELEASE the left mouse button.

This should copy ONLY [bsl] and its subdirectories under c:\ompal138 , which is what we want.

The result should be that EXPLORER WINDOW 1 should now look similar the FIGURE IN PAGE 3 OF THIS HANDOUT. (It is OK if the folders “.launches” and “.settings” are not there).