



How to Transfer Allegro PCB
Drawing to FloTHERM XT

Step 1 安裝 ODB++ Inside



- ✧ Allegro 需安裝 ODB++ Inside 外掛程式
- ✧ 可自以下網站免費下載：

<http://www.odb-sa.com/resources/odb-inside-for-cadence-allegro/#>

ODB++ Inside for Cadence Allegro

ODB++ Inside generates NPI-ready ODB++ from Cadence Allegro®. ODB++ Inside includes a fully-integrated ODB++ Viewer for checking the data before delivery to NPI engineers in the manufacturing supply-chain.

ODB++ Inside Details

- Free-of-charge ODB++ output from Cadence Allegro versions 11 – 16.5
- Integral viewing of the ODB++ manufacturing-oriented product model
- Compatibility with all DFM, CAM and other ODB++ based manufacturing software tools in your supply chain, whether from Mentor (Valor Division), Frontline, or a wide range of 3rd-parties who support the format.

How to get it

1. Become a member of the ODB++ Alliance -> [Click here to join](#).
2. If you are already a member, [click here to sign-in](#) or click on the version you would like to download on the right.
3. You will be asked to verify your contact information and provided a link to start your ODB++ Inside download.



Select, from the choices below, the version you wish to download:

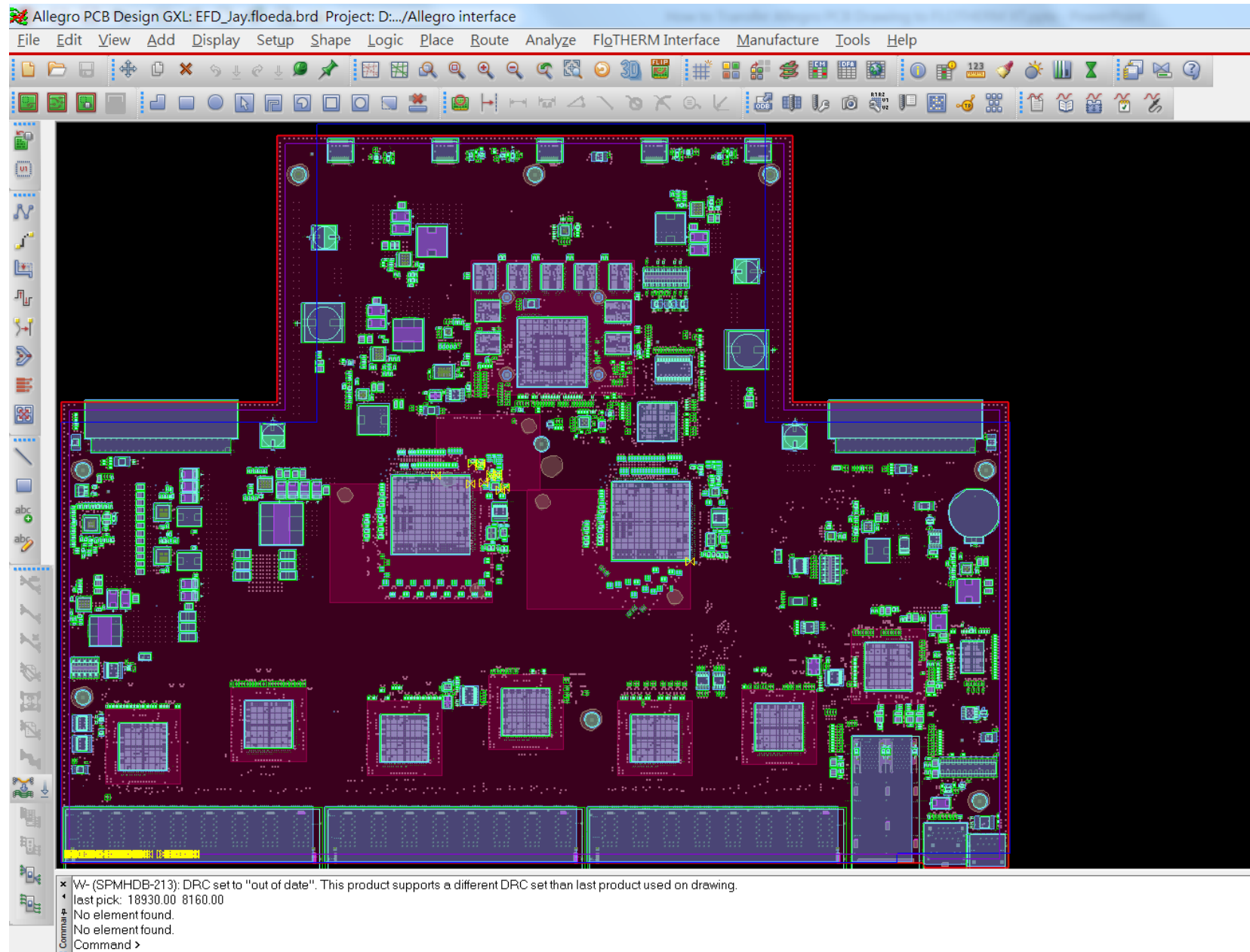
Windows® XP SP2 & 3, Server 2008, Vista Business SP2 & Ultimate SP2, Windows 7 - (32 bit & 64 bit)

Windows® Server 2003 - (32 bit)

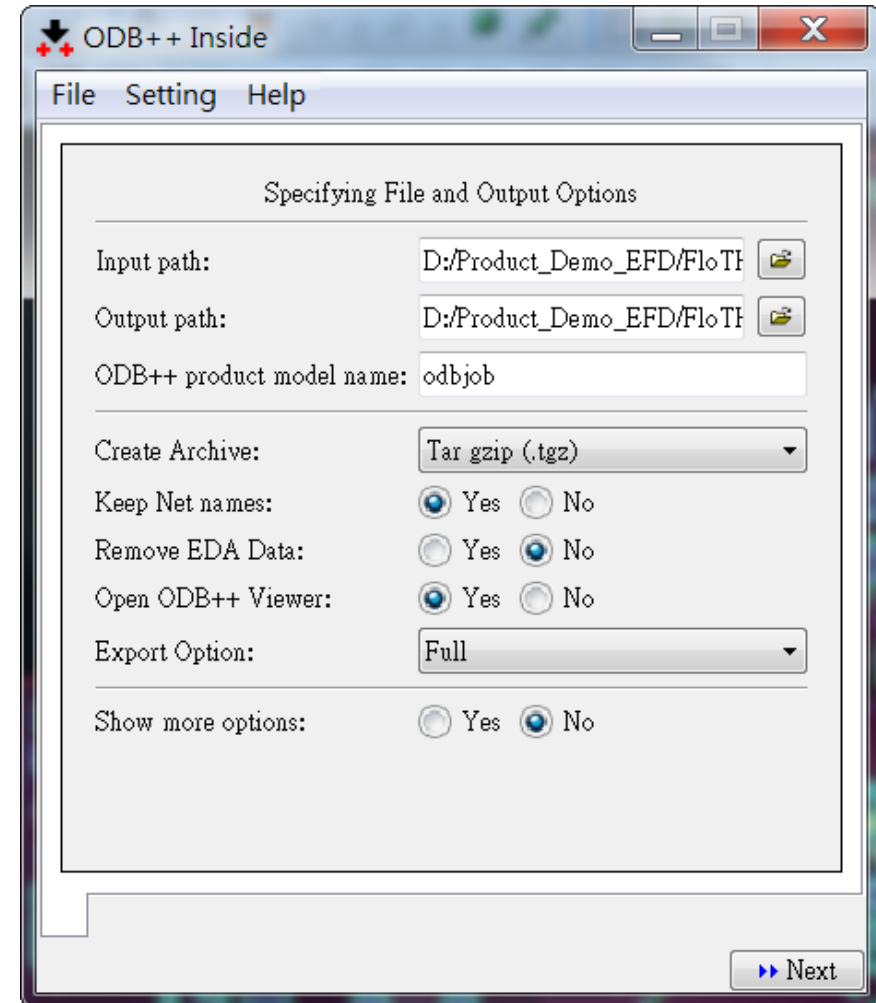
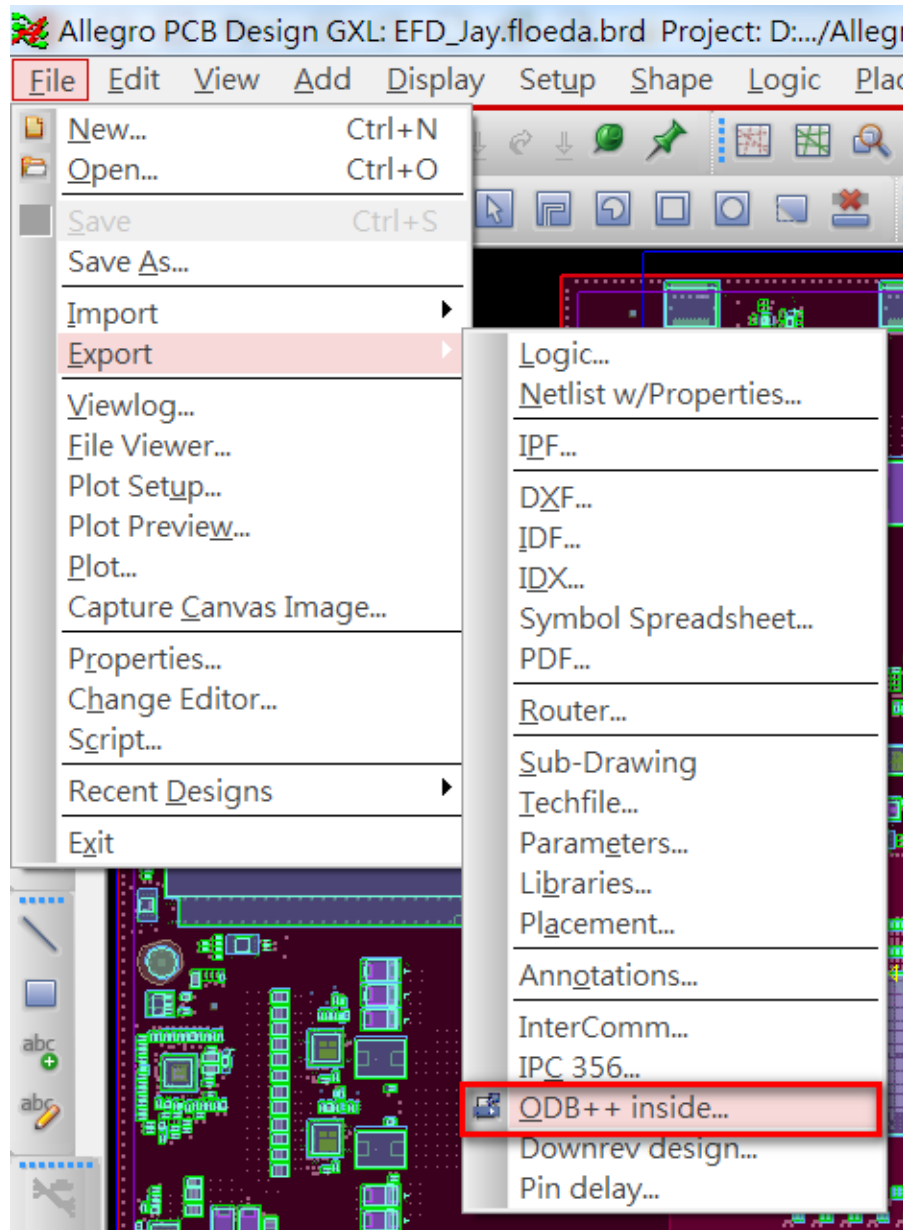
Red Hat Linux 4.4, 4.6, 5.1, 5.2, 5.3, 6 - (32 and 64 bit)

SUSE Enterprise 11 desktop and server editions - (32 and 64 bit)

Step 2 開啟 Allegro 模型檔



Step 3 Export ODB++ file



工作目錄下將生成 odbjob_v7.tgz 檔案

Step 4 開啟 FloEDA.Bridge 程式



The screenshot shows the FloEDA Bridge software interface. The main window has a menu bar (File, View, Tools, Options, Help) and a toolbar with icons for Import EDA File, Import Power List, Component Library, Filtering Options, Transfer to FloTHERM XT, Export Power List, View from Top, View from Bottom, and Power Mode Editor. The Static Power Mode is set to Default. On the left, a tree view shows the Board structure with Layers (Signal_1, Dielectric_2, Power_3, Dielectric_4, Signal_5, Dielectric_6, Signal_7, Dielectric_8, Power_9, Dielectric_10, Signal_11) and Components. The bottom left panel shows Layer Details for Signal_1 (Thickness: 0.5 Oz, Dielectric Material: FR4) and Conductor Details (Conducting Material: Copper, % Cover: 20). A file selection dialog is open in the center, showing the file list with "EFD_Jay.floeda.brd" and "odbjob_v7.tgz" highlighted. The dialog also shows the file type set to "All Supported EDA Files (*.*)". The bottom right panel shows a Messages log with two entries: "User Library: C:\ProgramData\MentorGraphics\FloTHERMXT2.0\FloTHERMXT_UserLibrary" and "SmartPart Templates: C:\Program Files\Mentor Graphics\FloTHERM XT2.0\FTXT\FloTHERM Templates\".

Layer Details

Name	Signal_1
Thickness	0.5 Oz
Dielectric Material	FR4

Conductor Details

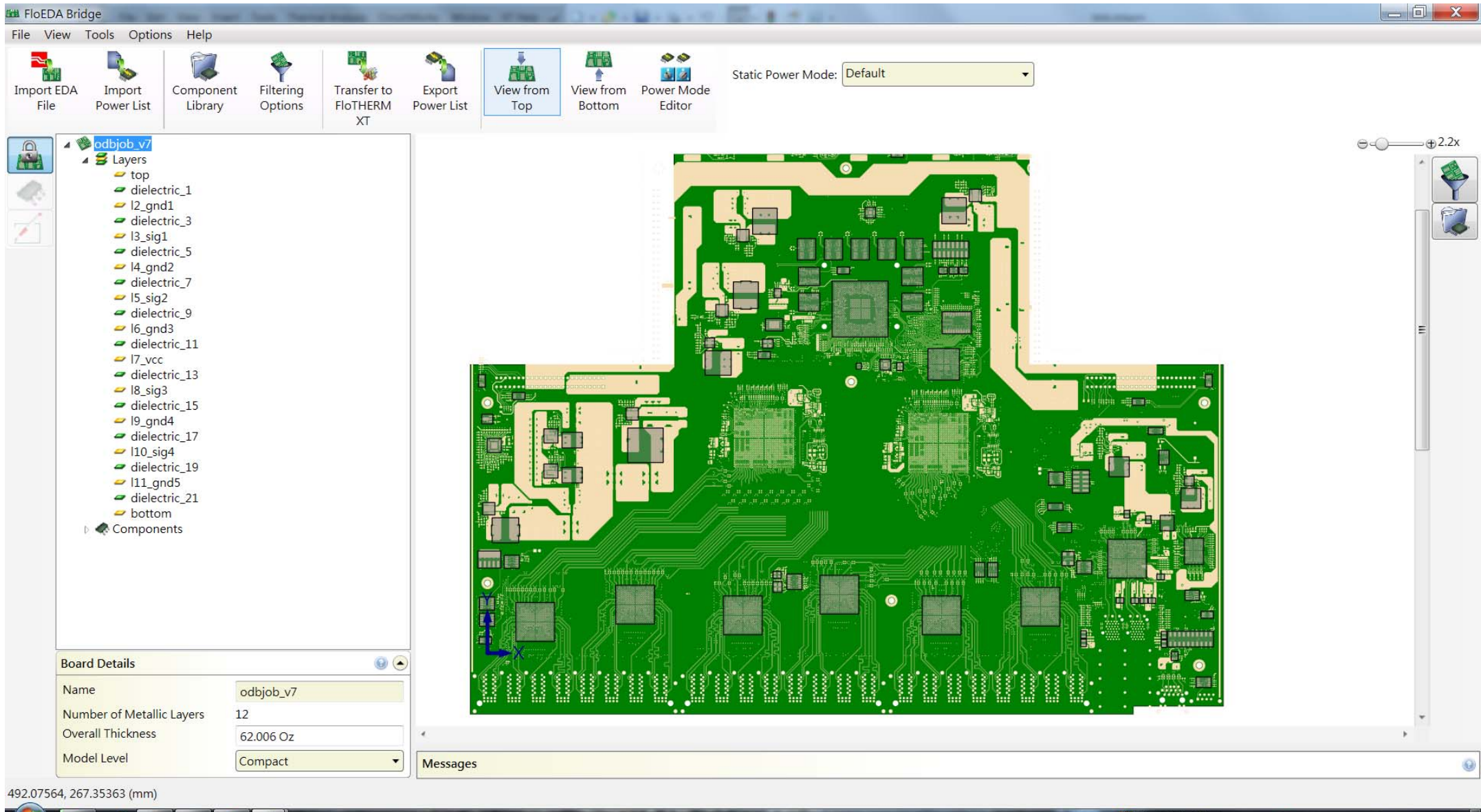
Conducting Material	Copper
% Cover	20

Messages

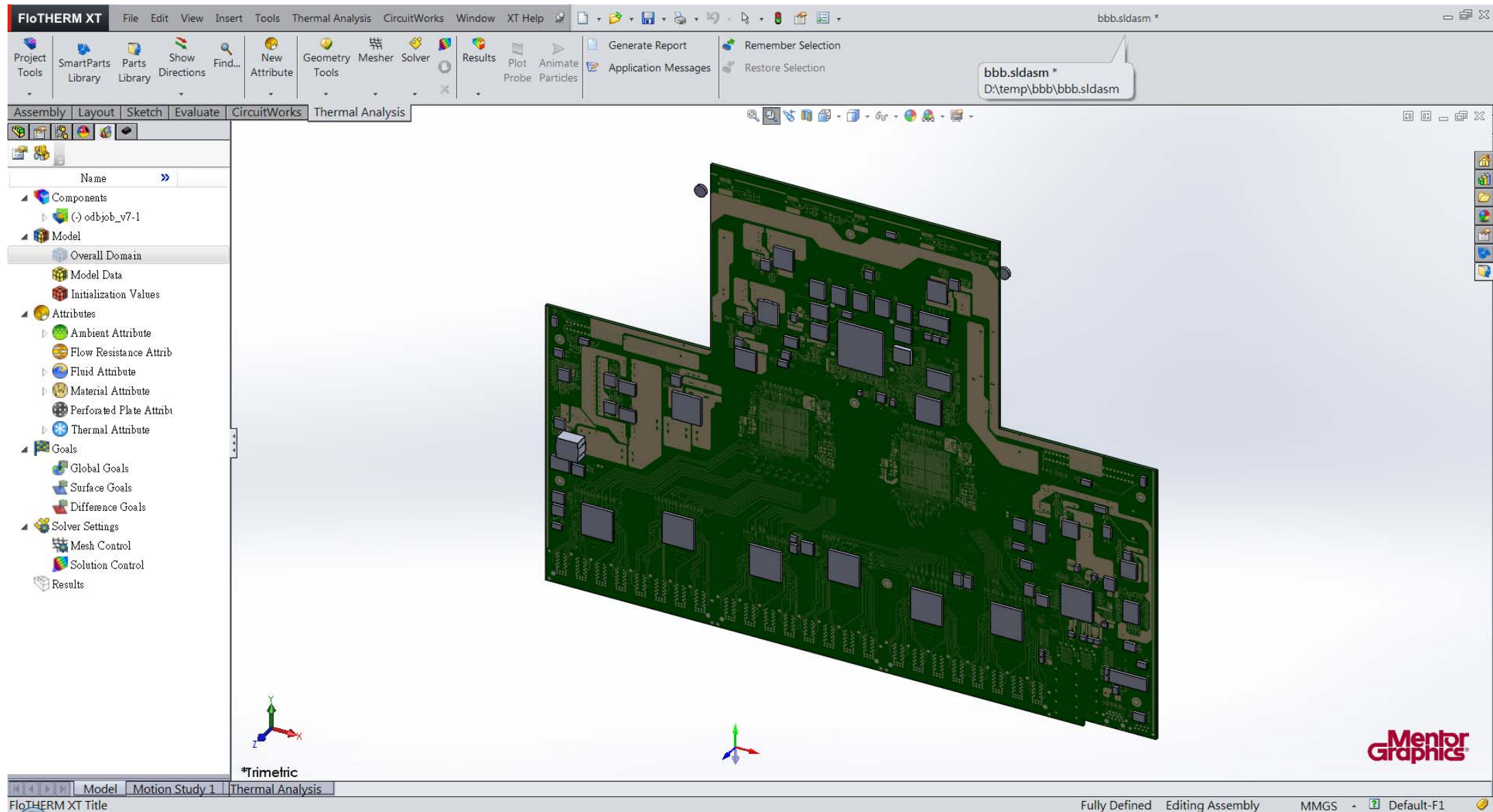
Severity	Message
Information	User Library: C:\ProgramData\MentorGraphics\FloTHERMXT2.0\FloTHERMXT_UserLibrary
Information	SmartPart Templates: C:\Program Files\Mentor Graphics\FloTHERM XT2.0\FTXT\FloTHERM Templates\

6.59342, 178.90122 (mm)

匯入後結果



Step 5 轉入至 FloTHERM XT



總結



- ☞ 使用者必須先安裝 ODB++ Inside 的外掛程式至 Allegro
- ☞ FloTHERM XT v2.0 版本以上才支援 ODB++ 格式檔案匯入
- ☞ 透過 ODB++ 格式檔案，FloTHERM XT 的 PCB 建模將更為方便

聯絡我們



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