# Altıum

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Using Altium Documentation Modified by Phil Loughhead on Jun 17, 2017

| Footprint Manager - [Bluetooth_Sentinel.PrjPcb]   |                                    |        |                                   |                                  |                                   |  |
|---|------------------------------------|--------|-----------------------------------|----------------------------------|-----------------------------------|--|
| Component List  |                                    |        | View and Edit Footprints          |                                  |                                   |  |
| Drag a column header here to group by that column   |                                    |        | 3 Footprints for C21 (1 Selected) |                                  |                                   |  |
| 15 Components (1 Selected)  |                                    |        | Curr                              | PCB Library Found                | in                                |  |
| Selected Designator Comment Current Footprint Cost Selected Designator  |                                    | CAPCO4 | 02                                | Altium Content VaL Not Validated |                                   |  |
| C15 CAP 100nF 6.3V 04( CAPC0402(1005)60_N CMP-1034-02060-   | 1 Microcontroller_STM32F101.SchDoc | CAPCO4 | 02                                | Altium Content Val. Not Val      | Altium Content Val. Not Validated |  |
| C16 CAP 10uF 10V 0603 CAPC0603(1608)100_N CMP-1035-02800-   | 1 Microcontroller_STM32F101.SchDoc | CAPCO4 | 12 G                              | Altium Content Val Not Val       | idated                            |  |
| C17 CAP 100nF 6.3V 04( CAPC0402(1005)60_N CMP-1034-02060-   | 1 Microcontroller_STM32F101.SchDoc |        |                                   |                                  |                                   |  |
| C18 CAP 100nF 6.3V 04( CAPC0402(1005)60_N CMP-1034-02060-   | 1 Microcontroller_STM32F101.SchDoc |        |                                   |                                  |                                   |  |
| C19 CAP 100nF 6.3V 04( CAPC0402(1005)60_N CMP-1034-02060-   | 1 Microcontroller_STM32F101.SchDoc |        |                                   |                                  |                                   |  |
| C20 CAP 1uF 6.3V 0402( CAPC0402(1005)60_N CMP-1034-02113-   | 1 Microcontroller_STM32F101.SchDoc |        |                                   |                                  |                                   |  |
| C21 CAP 100nF 6.3V OHCCAPC0402(1005)60_N CMP-1034-02060-  | 1 Microcontroller_STM32F101.SchDoc |        |                                   |                                  |                                   |  |
| R9 10K 5% 0402(1005) RESC0402(1005) N CMP-1011-00090-<br>R10 10K 5% 0402(1005) RESC0402(1005) N CMP-1011-00090- | 1 Microcontroller_SIM32F101.SchDoc |        |                                   |                                  |                                   |  |
| R10 10K 5% 0402(1005) RESC0402(1005) N CMP-1011-00030-  | 1 Microcontroller STM32F101.SchDoc |        |                                   |                                  |                                   |  |
| R12 10K 5% 0402(1005) RESC0402(1005) N CMP-1011-00098-  | 1 Microcontroller STM32F101.SchDoc |        |                                   |                                  |                                   |  |
| R13 10K 5% 0402(1005) RESC0402(1005) N CMP-1011-00098-  | 1 Microcontroller_STM32F101.SchDoc |        |                                   |                                  |                                   |  |
| R14 10K 5% 0402(1005) RESC0402(1005)_N CMP-1011-00098-  | 1 Microcontroller_STM32F101.SchDoc |        |                                   |                                  |                                   |  |
| R15 10K 5% 0402(1005) RESC0402(1005)_N CMP-1011-00098-  | 1 Microcontroller_STM32F101.SchDoc |        |                                   |                                  |                                   |  |
| U2 STM32F101T6U6A VFQFPN36_N CMP-0237-00044-  | 2 Microcontroller_STM32F101.SchDoc |        |                                   |                                  |                                   |  |
|   |                                    |        |                                   |                                  |                                   |  |
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|   |                                    |        |                                   |                                  |                                   |  |
| Accept Changes (Create ECO) Cose  |                                    |        |                                   |                                  |                                   |  |

The Footprint Manager dialog

## Summary

This dialog allows the user to preview, validate, add, remove, or edit footprint associations across the entire project.

## Access

The *Footprint Manager* dialog is accessed by clicking **Tools** » **Footprint Manager** in the schematic editor.

# Options/Controls

#### Component List

This is a list of all components from the schematic sheets of the currently focused PCB design project. Information includes:

- Designator
- Comment
- Current Footprint
- Design Item ID
- Part Count

#### • Sheet Name

Click a component in this list to review its footprints in the list on the right. You can add, remove or edit footprints for the selected component.



To group the list, drag a column header to the area above the list where specified. The information will be grouped into a concise listing for easier readability. Click +/- to expand/contract grouped items.

Select All is available from the right-click menu to quickly select all components in the list.

#### View and Edit Footprints

This is a list of footprints associated with the selected component on the **Component List**. Use the controls at the bottom of the region or the right-click menu commands to manipulate the footprints in the list.

Click on a footprint to see a graphical view of that footprint in the region below.

#### Right-click Menu

- Add click to open the <u>PCB Model dialog</u> to choose a new footprint model to add for the highlighted schematic component.
- **Remove** click to remove the selected footprint.
- Edit Footprint click to open the *PCB Model* dialog to review the highlighted footprint's attributes such as the name and the location of the PCB library from which the footprint comes.
- Validate Footprint Paths click to validate the full path to this footprint.
- **Change PCB Library** click to open the *Edit PCB Library* dialog to change the PCB library of the selected footprint.
- Copy click to copy the selected footprint.
- Paste click to paste the selected footprint.
- Select All click to select all footprints on the list.
- Set As Current click to set the selected footprint as the current footprint (denoted by a ◊ in the Current column).
- Add to All Parts click to add the selected footprint to all in the list.

#### Additional Controls

- Menu click to view a menu with the same controls as the right-click menu above.
- Add click to open the *PCB Model* dialog to choose a new footprint model to add for the highlighted schematic component.
- Remove click to remove the selected footprint.
- Edit click to open the *PCB Model* dialog to review the highlighted footprint's attributes such as the name and the location of the PCB library from which the footprint comes.
- Validate click to validate the existence of the highlighted footprint. If the footprint cannot be found, Not Validated appears in the Found In field. If the footprint is validated, a full path to this footprint is displayed.
- Accept Changes (Create ECO) click to accept the changes to schematic components and their linked footprint models and execute the <u>Engineering Change Order dialog</u>. With the ECO dialog, you can validate and execute the changes after reviewing the

modifications made to the footprint values for the corresponding schematic components.

Source URL:

 $\label{eq:https://www.altium.com/documentation/cn/display/ADES/WorkspaceManager_Dlg-SchImplementationEditorForm((Foot print+Manager))_AD$