



SolidWorks IDF Modeler/CircuitWorks Lite/CircuitWorks Feature Comparison Matrix

The table below lists the features supported by the SolidWorks IDF Modeler, CircuitWorks Lite (the IDF Import included with SolidWorks) and CircuitWorks

Feature	SolidWorks IDF Modeler	CircuitWorks Lite	CircuitWorks
Uses SolidWorks Parts if Available	Yes	No	Yes
Auto creates SolidWorks parts if library part not available	Yes	No	Yes
Option to create the Board Outline Part only	Yes	No	Yes
Option to use Parts with Configurations	Yes	No	Yes
Update the Assembly from IDF files	Yes	No	Yes (from Sw2010)
Separates drilled hole types	Yes	No	Yes
Filter Holes by Size and or Type	Yes	No	Yes
Option to Display IDF Designators in Feature Manager	Yes	No	Yes
Supports all IDF features	Yes	No	Yes
Option to import various IDF features	Yes	No	Yes
Allows selection of parts to import by Designator or Idf Package Name	Yes	No	Yes
Part Filtering by Height	Yes	No	Yes
Supports IDF Part name to Sw Part name look up table	Yes	No	Yes
Allows user created parts to be stored in directory structure	Yes	No	Yes
User definable feature names	Yes	No	Yes
Ability to review IDF Board and Library	Yes	No	No

files			
Ability to edit IDF part heights	Yes	No	Yes
Supports Exporting IDF files	Yes	No	Yes
Ability to start a PCB design in SolidWorks	Yes	No	Yes
Supports local settings for decimal points	Yes	No	Yes
Define board outline cut-outs and holes using fillets, chamfers, patterns and other SOLIDWORKS features	Yes	No	No
Preview Assembly	No	No	Yes

Feature	PADS ASCII Modeler	CircuitWorks
Creates an Assembly from a PADS ASCII file	Yes	Yes
Create a PADS ASCII file from an Assembly	Yes	No
Option to add copper pads to the Board Outline Part	Yes	No
Option to add Silk Screen text to the Board Outline part	Yes	No
Supports PADS VX	Yes	No

For more information, contact Desktop EDA:

www.desktop-eda.com.au
info@desktop-eda.com.au