

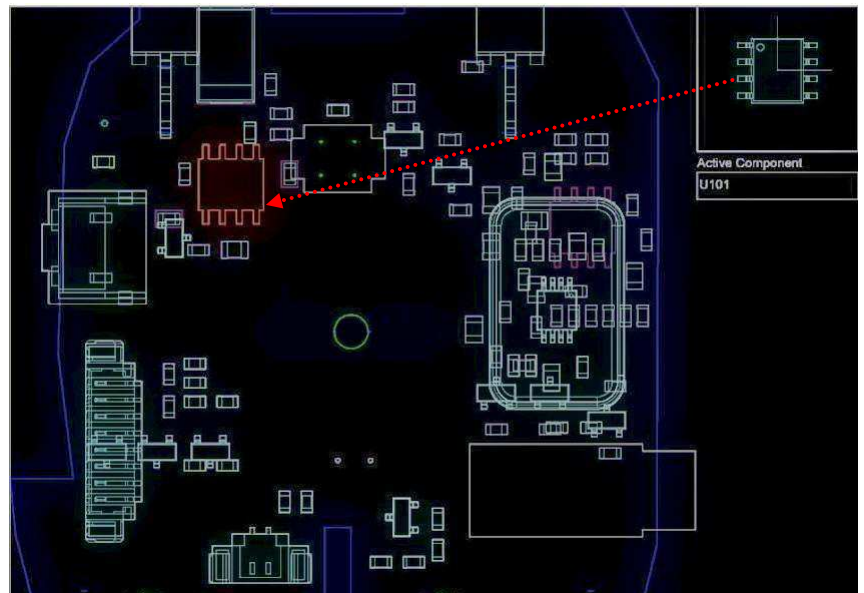
IDF-TO-3D is our powerful new web based product that allows Electrical Designers and Engineers to create 3D PCBs in STEP format in as little as 1-2 hours without MCAD software and without a Mechanical Engineer or Designer. Future 3D PCB iterations and 3D designs can be generated even faster. IDF-TO-3D can be used to generate JPEGs and 3D PDFs of your PCB designs for free.

## How IDF-TO-3D works

Import your Intermediate Data Format (IDF) files into our IDF viewer and choose replacement 3D geometry from our extensive library for each component on your PCB. An enhanced 2D view like the one below is generated. After completing all component replacement selections, send your data to our server to generate your 3D PCB.

### Product Highlights

- ❖ Selected 3D Geometry can be translated or rotated to properly align with the matching component on the PCB.
- ❖ Replacement selections for library components as well as translation and rotation modifications are stored in a personalized database for future use.
- ❖ Future PCB iterations and designs will automatically incorporate component selections and modifications made in previous work sessions.
- ❖ Multiple iterations of your 3D PCB can be viewed in JPEG and 3D PDF formats prior to purchase of STEP data or a prototype.



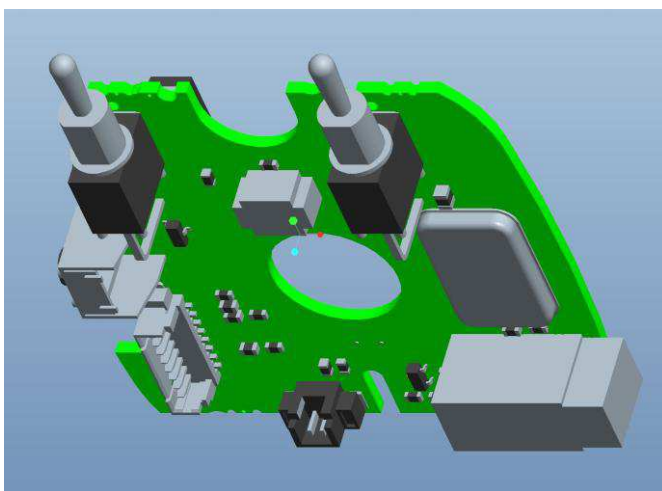
Typical Enhanced PCB View

### Integrated 3D Library

- Simplified Solutions' shared 3D Library includes 2,000+ PCB Models of Common Component Packages.
- Items that can't be found in our library can be submitted as custom content for inclusion in your design. Both STEP files and PDF datasheets can be uploaded to us. We prepare both a 3D model for your 3D PCB and an enhanced 2D representation of submitted components for use in the IDF viewer.

### Content Purchases

- ★ Individual 3D PCB STEP files and 3D Printer Prototypes can be purchased through the IDF-TO-3D tool.
- ★ A one year subscription for unlimited 3D PCB Assembly STEP downloads is also available.



Typical 3D PCB generated with IDF-TO-3D