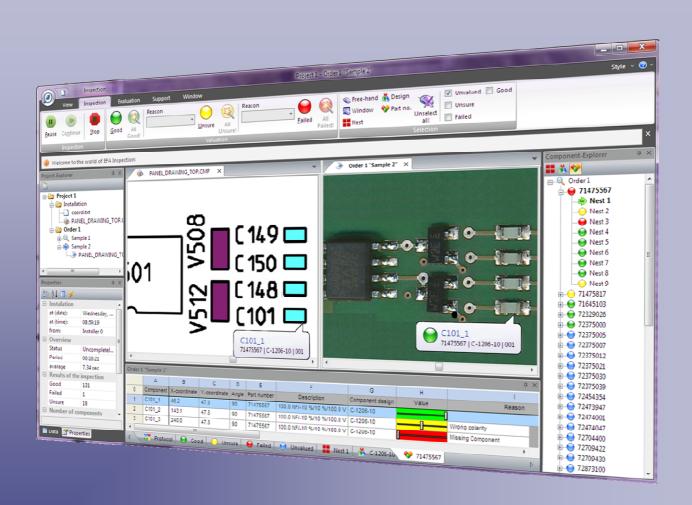
## Enhanced First Article Inspection



We adapt your inspection process!

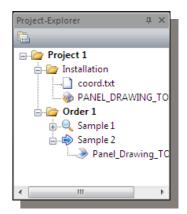


# EFA Inspection® adapts your inspection process!

EFA Inspection<sup>®</sup> is the user-friendly and well-structured software for a quick and effective inspection of your first article to release the assembly line.

## Explorer-Structure

- Setup of one project per PCB Type
- Setup multiple inspection orders to one PCB Type
- Any number of samples per order can be set up
- Simplified setup of the samples
- Quick access to all previous inspections

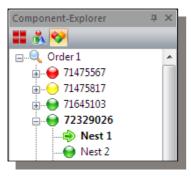


## Comprehensive adaption to your inspection process

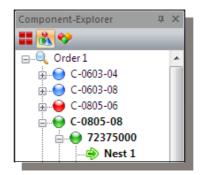
EFA Inspection<sup>®</sup> can be set up according to your established inspection process - whether you perform part number based setup verification, full verification of all components or inspections of multiboard panels.

The software automatically leads the operator through the entire inspection process and automatically follows a pattern depending on the selected sorting model, one component after the other.

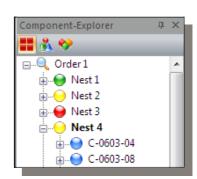
.. by part number



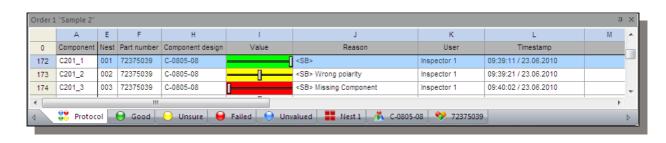
.. by component design



.. by multiboard



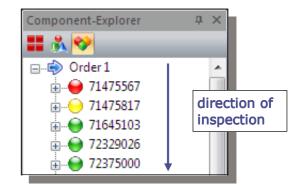
Inspection by component list



## Part number based inspection / setup verification

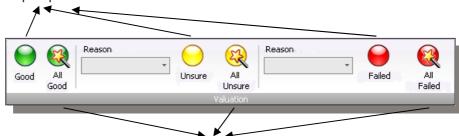
### Automatic advance

All components one after the other - sorted by part number - are automatically indicated in the window of the image file.



#### Reliable valuation

**Individual** valuation of a specified number of components per part number

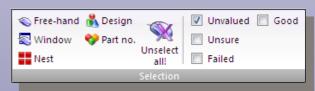


**En bloc** valuation of all remaining components of a part number - activated only after reaching the specified number of individual valued components

## Inspection in expert mode

#### ■ Manual advance

In expert mode, the automatic method is deactivated and the components can manually be selected in groups, marked and valuated together.



Selection of grouping and marking the components in the image file

### **■** Fast evaluation

Group evaluation of all selected components



Current overview of the inspection progress





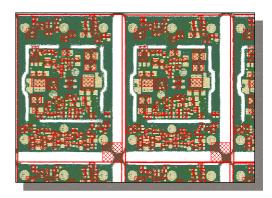
Marked components of a freehand selection

### Innovative functions

EFA Inspection<sup>®</sup> has been equipped with a variety of innovative functions for a fast, simple and traceable inspection.

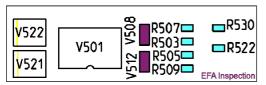
### ■ Automatic component- and multiboard-detection

With the correct data from the imported coordinate file, all components and all the single circuits of multiboard PCB panel will be **automatically detected**.



### Overlay function

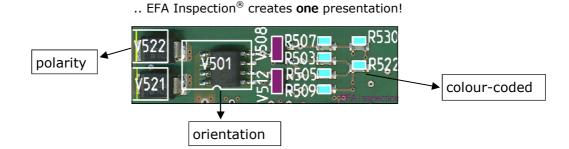
The schematic drawing can be superimposed transparently over the image file of the PCB - so all relevant information about orientation, polarity, etc. is available in one single window.



With the schematic drawing ..



.. and the image file of the PCB ..



### ■ Traceability of the evaluation by sorting in tables

All components are automatically sorted into the reporting tables according to their assessment and association to part number, component type and multiboard reference. The entire inspection process is **logged completely**!



# EFA Inspection® adapts your inspection process!

EFA Inspection®
Installer

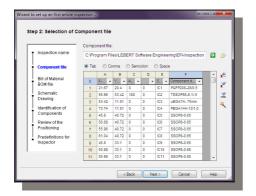


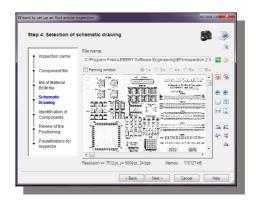
EFA Inspection®
Evaluator

EFA Inspection®
Inspector

### The installer version

- Unique project setup from a central point regardless of the location of the assembly line - This means consistent implementation of company requirements for the inspection process.
- Wizard based setup process individually customised.
- All current data and image formats readable (txt, csv, xml, unicamfx, gerber data, dxf, jpg, bmp, pdf, tif, gif, etc) Additional viewing options, such as resolution and zoom can be set individually.
- Extensive presettings and preferences for the inspector can be set up





## The evaluator version

- Extensive analysis of inspection results
- Traceability of the entire process of the inspection
- Visualization of the inspection results on the image file of the PCB
- Cumulative presentation of the results for the inspection type "By Part Number", "By Design" or "By Multiboard" (single circuit)
- Simplified repair of the board by using the editable error description or code



Get a free trial of EFA Inspection® and test the software with your data under your conditions for 14 days without any limitations!

Request your 14-day trial now under www.efai.eu!



### Recommended system requirements:

- Microsoft Windows 7 (64 Bit) (at least Windows 2000 SP4)
- 2 GB RAM (at least 1 GB)
- USB 2.0 Interface
- 24" TFT Monitor



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Presented by: