Focussing on flexibility and customer orientation

PCB-Investigator BASIC Version

➜ Want to get a quick overview?

➜ Looking for an easy-to-use software that accompanies the review process of your PCB design, but is not overloaded with unnecessary tools?

➜ Don't want a software that is a rigid system, but a solution adaptable to your individual requirements?

Then…

the Edition BASIC of PCB-Investigator is exactly the right choice for your particular needs. This version is mainly bought by project managers and procurement officers. They highly appreciate BASIC as a major help in their everyday work.

The BASIC version focuses on the essential functions to carry out a design review. But: You can expand it at any time and at your discretion through our unique Automation Interface. So, you are able to integrate your own plugins to further facilitate your work through automation. PCB-Investigator is thus characterized by the highest flexibility on market. **Because we always focus on you as our customer to provide you the greatest possible flexibility!**

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As a project manager…

you handle the difficult link between your engineers and the higher-level management. This requires not only communication with both sides, but also acting as a source of information on the latest project developments. All participants expect you to pass on the relevant data without providing unnecessary additional information or leaving out important aspects. You are the basis for the systematic realization of your project!

Create Transparency!

Taking a product from concept to production is a complicated undertaking. On this way, a multitude of errors of different kinds can occur, such as failures caused by poor agreements due to lack of transparency in communication and working methods. Using PCB-Investigator BASIC, you ensure a clear overview and goal-oriented communication without being distracted from your own tasks! So, if you want to shorten time to market and reduce costs, you have to ensure that errors can be found at an early stage. In electronics development, it is especially tools, special software and their formats that prevent communication across departments. And this becomes starkly clear during the review process: In most companies, developers struggle with the cumbersome zoom of PDF files on the screen or print out plans. For every aspect that needs to be discussed, separate printouts must be produced. Anyone who does not want to tolerate this laborious and error-prone process must start with the formats.

With BASIC you benefit from the advantages of ODB++ as a comprehensive data bracket. All information about your development project is available at any time. Provide the framework for decisive process optimizations through a paperless and transparent review process using PCB-Investigator.

Do not lose sight of time and costs!

When you discuss the progress of your project with the management, it is probably mostly about meeting deadlines and calculating the budget - with less attention to details not required for management level. Use PCB-Investigator BASIC to give your management a broad overview of your project and demonstrate that you have absolute control: High functionality and quality while keeping the budget down is not a matter of impossibility.
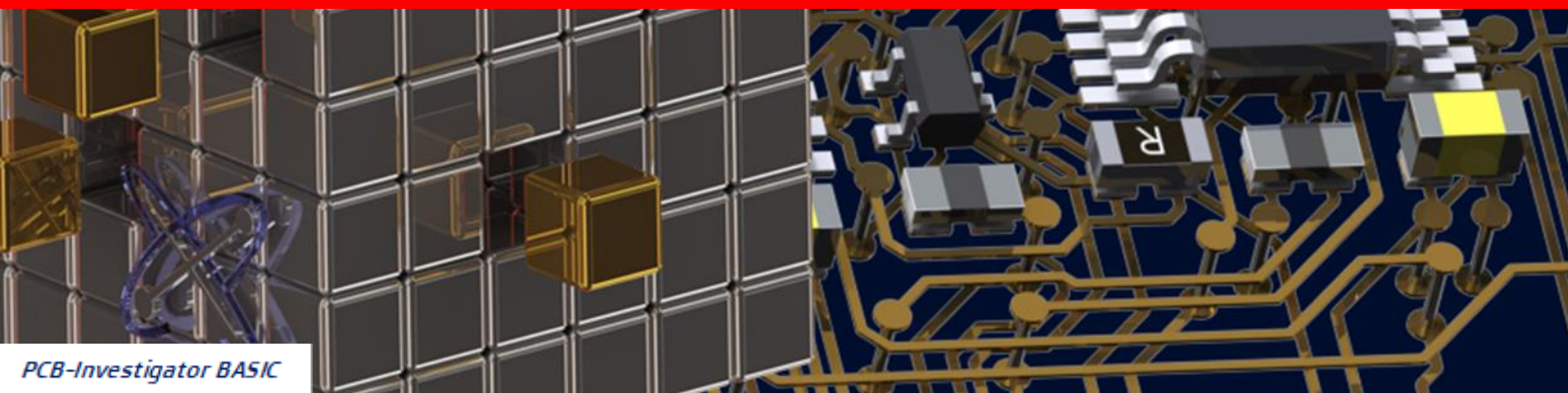
Compliance with the project guidelines!

Once the framework conditions have been defined with the management, you have to ensure, in cooperation with your developers, that you adhere to them. With the help of PCB-Investigator BASIC you can keep track of the progress of your project and manage different team projects simultaneously. With PCB-Investigator a comprehensive documentation of all changes is possible at any time, the management of variants is done automatically and all layout data is united in one file. The ability to compare all aspects of PCBs with each other and with previous versions at the touch of a button saves development effort and helps to make it easier to reuse or rationalize parts. Impress both your team and your management with such effective working methods.

Achieve the highest level of quality!

The BASIC version allows you to quickly and easily conduct a review process of your PCB design. Thus, all relevant tools for visualization and measurement are included in this edition.

Boost the quality level of your designs by accompanying the review process with the BASIC version and find errors and small inconsistencies before it gets expensive. Subsequent layout changes and the associated redesign can cause unnecessary costs and take up a lot of time. By

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choosing PCB-Investigator BASIC, you can speed up the manufacturing of your prototypes many times over. With the help of 3D visualization, it´s easy to determine the actual size of your board by carrying out an exact und realistic model of your assembly even before production. Fitting into the housing as well as complex MCAD/ECAD revisions are thus completed in just a few steps. Shorten time-to-market with BASIC!

As a procurement officer…

you know that the PCB has been more than simply a carrier of components for quite a long time. It became more and more an active system that has a significant influence on the functionality of the end product. As a procurement officer, it is important for you to relate this functionality and its cost-causing factors in a meaningful way. The job is to find the right parts for the right project - always with the focus on time and money!

In addition, the PCB industry works with countless specifications on a daily basis. Each of them is immensely important for the clear identification of a PCB. There are innumerable formats in all kinds of different designs, and there is no telling what such a specification might look like. Reading errors, incomplete specifications, transmission errors and many other annoying "side effects" are a burden on your everyday PCB life which makes it needlessly complex for you to order the right parts. Agreements with PCB designers are getting increasingly complicated and prone to errors.

With PCB-Investigator BASIC we simplify your handling of the flood of data!

Before an assembly becomes a fully working, component-fitted PCB, it is first and foremost one thing: a mass of data in various formats such as GenCAD, IPC365, Gerber, Excellon, Sieb&Meyer, DPF, DXF, etc. In addition, there is also data on components, procurement, documents on changes and variants

Fact is: This specialization and focus denies the overall view! Gain clear view again for the things that are really important in your work by using PCB-Investigator and taking advantage of the benefits of ODB++. With BASIC version, you can read in and export all common formats - no more annoying queries. This leaves you more time to concentrate on the essentials of your work. Because: The act of just ordering components is not too hard. It´s ordering the right components for the right board, which is an art.

If you choose the BASIC version of PCB-Investigator…

you will have the opportunity to get a quick overview and always stay in control without being flooded with data you do not require. Transparency in communication increases efficiency of work processes in teams and thus facilitates your daily work. The software's ultra-easy operation makes it much more convenient for you to carry out the important review process or to order the required components - high-quality and functional PCBs in short development cycles are the result.

PCB-Investigator BASIC includes among others the following functions:

- Automation Interface (.Net, C#, VB, .Net, C++)

- 3D view

- DXF export

- Excel CSV export

- Exellon 1/2 Import

- Gerber274x Import / Export

- ODB++ Import / Export

- top bot view

- Add Image (PBG, JPG, BMP)

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About PCB-Investigator

CAD/CAM –Software for Electronics

The best system available to investigate all information of Printed Circuit Boards!

PCB-Investigator can be delivered in six versions. Each is designed for a specific area of application and contains particular plugins to ideally meet the requirements of the respective field of application.

o **BASIC** version including the main features for visualization and measurement
o **ULTIMATE** version with access to all plugins for mostly single users
o **FABRICATION** version to support your production process
o **PRODUCTION CONTROL** version for the export of machine formats
o **ELECTRONIC DEVELOPER** version to ensure the best possible functionality of your PCB
o **PHYSICS** version for thermal management

To test PCB-Investigator in detail, simply download the full version and work with it for a full 30 days, free of charge and without any obligations.

With PCB-Investigator, anyone can find the right edition for their requirements. More information about the editions and demo version can be found at www.pcb-investigator.com.