

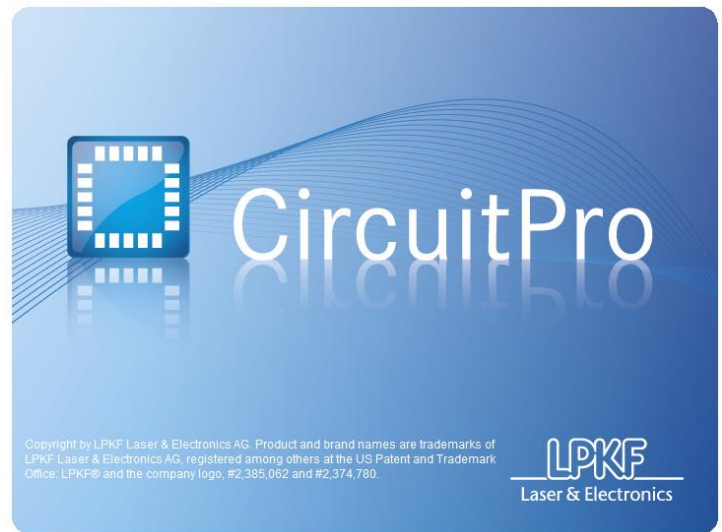
## Notes for the CircuitPro ProtoMat 2.70.70 release

Dear valuable ProtoMat customer,

Because we constantly strive to improve our software, a new release of the CircuitPro ProtoMat 2.70 is released.

The CircuitPro PM 2.70.270 release brings:

1. Fixed and improved Endmill and Contour router toolpath calculation
2. Fixed the focus adjustment function on Sx4
3. The camera image target is set on by default
4. Fixed camera picture angle correction for ProtoMat E44
5. Slightly improved line search function on 35µm copper



The CircuitPro PM 2.70 software release supports the following LPKF ProtoMat systems: S64, S104, S43, S63, S103, S62, S100, E33, E34, E44, D104, H100, X60

The software officially supports the Windows 10 (64 bit) operating system. Other operating systems might work but are no longer officially supported by CircuitPro PM.

It replaces CircuitPro PM 2.70.262 and all older versions.

Do you need more information? Please feel free to ask the LPKF sales team via [sales.rp@lpkf.com](mailto:sales.rp@lpkf.com) or write an email to [support.rp@lpkf.com](mailto:support.rp@lpkf.com).

Yours sincerely,



Darko Moličnik  
Technical Product Manager ProtoMat

## Change log of CircuitPro 2.70 software releases

### CircuitPro PM 2.70.258 release brings:

1. Increased process speed
2. Maintain the Endmill adjustment after tool change
3. The value for the desired depth channel is now variable

### CircuitPro PM 2.70.254 release brings:

#### *New features / changes*

1. Complete rubout procedure has been added to the BASIC edition

#### *Bug fixes*

1. Disabled Tool exchange and Depth Limiter Check with mounted dispenser
2. Removed a faulty warning for not enough resources on multicore machines.
3. Other stability improvements

### CircuitPro PM 2.70.242 (First official release)

The CircuitPro PM 2.70 release brings:

1. Support for LPKF ProtoMat S62 and S100 systems
2. One software for all supported ProtoMat systems
3. Basic and Advanced license levels
4. Support for newer Microsoft C++ Runtime in order to ensure support for current operating systems and to ensure more reliable running
5. Modified algorithms for all vision systems
6. Templates for more complex multilayer boards with blind and buried vias
7. Bugfixes from all previous versions

The CircuitPro PM 2.70 software release supports the following LPKF ProtoMat systems:

- S64, S104
- S43, S63, S103
- S62, S100
- E33, E34, E44
- D104
- H100
- X60

The software officially supports the Windows 10 (64 bit) operating system. Other operating systems might work but are no longer officially supported by CircuitPro PM.

It replaces all previous CircuitPro PM versions and also replaces the CircuitCAM and BoardMaster software for ProtoMat S62/S100 systems.

Previous CircuitPro PM versions may continue to work but will not receive any updates or bug fixes.

The new version of CircuitPro PM 2.7 brings a new concept of license levels. The software now differentiates two license levels:

- The **Basic** license level is intended for all users for who a basic double-sided printed board production is sufficient.
- The **Advanced** license level is intended for complex double-sided board production, multilayer boards, 2.5D object processing, and some other special production processes.

To fulfill your needs and internal IT safety guidelines to work only with official registered software, the software is protected by the license key. The license protection is different for the Basic and Advanced license levels.

The BASIC license level is a standard part of the LPKF ProtoMat E44 and S64 system, the Advanced license level is a standard part of the ProtoMat S104 system.