

Technical specifications

	LPKF CircuitPro Lite	LPKF CircuitPro Full
Import formats	Gerber Standard (RS-274-D), Extended Gerber (RS-274-X), Excellon NC Drill (Version 1 and 2), Sieb & Meier NC Drill	Gerber Standard (RS-274-D), Extended Gerber (RS-274-X), Excellon NC Drill (Version 1 and 2), Sieb & Meier NC Drill, HP-GL™, DPF, Auto-CAD™ DXF, ODB ++R
Supported shapes	Circle, square, rectangle (also rounded or angled), octagon, oval, step, special (arbitrary definable)	
Export formats	–	Gerber Standard, Gerber Extended (RS-274-X), Excellon NC Drill, HP-GL™, DXF, Bitmap, JPEG
Editing functions	Original modification, relocating, duplicating, rotating, mirroring, erasing, extending/severing lines, line/path extension/shortening, line path/segment parallel shifting, line path/object polygon conversion (Fill), curve linking/closing	
Special functions	Contour routing path generator with breakout tabs	Routing path generator with breakout tabs, joining/separating objects, step & repeat (multiple PCB), polygon cut-out, ground plane generation with defined clearance
Display functions	Zoom window (freely definable), zoom in/out, overview, redraw, individual layers selectable/visible, panning (keyboard), layer in solid/outline/center line display, 16 pre-set colors (up to 16 million freely available), different colors for tracks and pads of the same layer, different colors for insulation tools	
Marker functions	Single element, total layer, all layers, pad groups, selection and limiting to specific layers possible for lines/polygons/circles/rectangles/pads/holes (multiple choice and restriction to specific layers possible)	
Graphic functions	Lines (open/closed), circle, polygon, rectangle, pad, hole, text (TTF, TTC)	
Control functions	Measuring	Measuring, design rule check
Insulation methods	Single, insulation method, additional multiple insulation of pads, removal of residual copper spikes (spike option), milling out of large insulation areas (rub-out), concentric or in serpentine maintaining minimum insulation spaces, inverse insulation	
Insulation tools	1 – 2 tools	all
Languages	English, German, French, Spanish, Japanese and Chinese	
Hard-/software requirements	Microsoft® Windows® 2000 or higher, 1,2 GHz Prozessor or better, min. 512 MB RAM, screen resolution. min. XGA	
Supplied with	LPKF ProtoMat S 43, E33	LPKF ProtoMat S 63, S103
* Upgrade from Lite to Full version available. All specifications are subject to technical modifications.		