



PI Expert™ 設計工具

快速將規格轉換為立即可用的 電源供應器設計，
並提供以下特性：

- 可滿足設計要求的最佳 PI 產品
- 完整的電路圖和 BOM
- 電路板佈局建議
- 具有完整建置指示的磁性元件設計
- 效能最佳化

簡化離線式電源供應器設計

The screenshot displays the PI Expert Online web application. The main area shows a detailed schematic of a flyback power supply circuit. Key components include a transformer (T1), a MOSFET (M1), and various passive components like resistors (R1-R12) and capacitors (C1-C10). A dashed blue box highlights the 'InnoSwitch3-EP' controller (U1) and its associated feedback network. The right-hand side of the interface features a 'Specification' panel with the following details:

- Topology:** Flyback
- Family:** InnoSwitch3-EP
- Package:** C (INSOP-34D)
- Breakdown Voltage:** 750 (PowGaN)
- Feedback Type:** Secondary Divider
- Line Frequency:** 50
- Input Voltage Type:** Universal (85 - 265 V)
- Use SR on Main Output:** YES
- Total Peak Power:** 24.00
- Current Limit Mode:** Standard

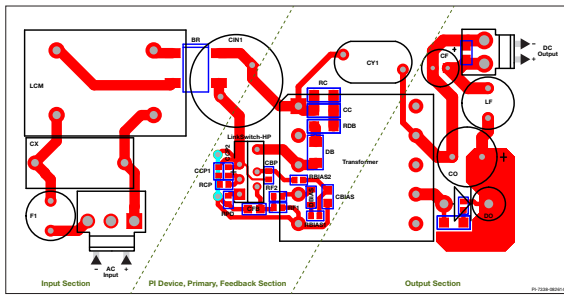
The bottom of the interface includes a footer with 'POWER' branding, a copyright notice for 2022 by Power Integrations, and a 'Feedback Switch to Mobile Theme' link.

支援各種 PI 產品

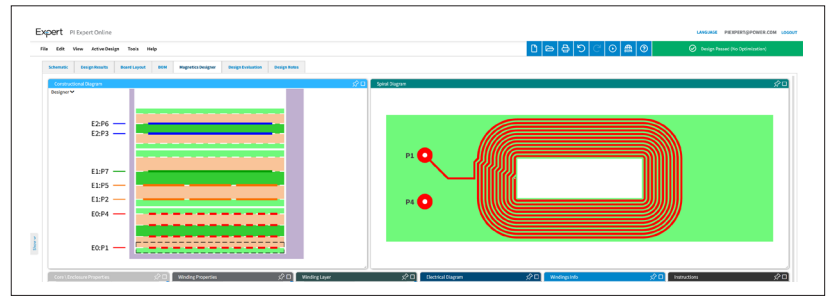
PI 產品	PI Expert	PI xls Designer
BridgeSwitch™		X
DPA-Switch™	X	X
Hiper™ Families		X
InnoSwitch™		X
InnoSwitch3	X	X
InnoSwitch4		X
LinkSwitch™-II, 3, 4, LP, TN, TN2, XT2		X

PI Product	PI Expert	PI xls Designer
LinkSwitch-CV, HP, PH, PL, XT	X	X
LinkSwitch-TNZ		X
LinkZero™-AX, LP		X
LYTSwitch™-6	X	X
LYTSwitch-0, 1, 2, 3, 4, 5, 7		X
TinySwitch™-III, 4	X	X
TOPSwitch™-HX, JX	X	X

佈局建議



磁性元件設計工具 - 平面變壓器



開始使用

- 線上 [PI Expert Online \(www.power.com/pi-expert-online\)](http://www.power.com/pi-expert-online)
- 下載 [PI Expert Suite 軟體 \(for desktop\) \(www.power.com/pi-expert-download\)](http://www.power.com/pi-expert-download)

設計支援

- 影片 [PI Expert 簡介 \(www.power.com/pi-expert-video\)](http://www.power.com/pi-expert-video)
- 影片 [PI Expert 現在支援平面變壓器設計 \(www.power.com/video/pi-expert-planar\)](http://www.power.com/video/pi-expert-planar)
- 網路研討會 [PI Expert Online 簡介 \(www.power.com/webinar/pi-expert-pt1\)](http://www.power.com/webinar/pi-expert-pt1)
- 網路研討會 [PI Expert Online 中的磁性元件設計 \(www.power.com/webinar/pi-expert-pt2\)](http://www.power.com/webinar/pi-expert-pt2)
- 網路研討會 [使用 PI Expert Online 實現先進的電源供應器設計 \(www.power.com/webinar/pi-expert-pt3\)](http://www.power.com/webinar/pi-expert-pt3)