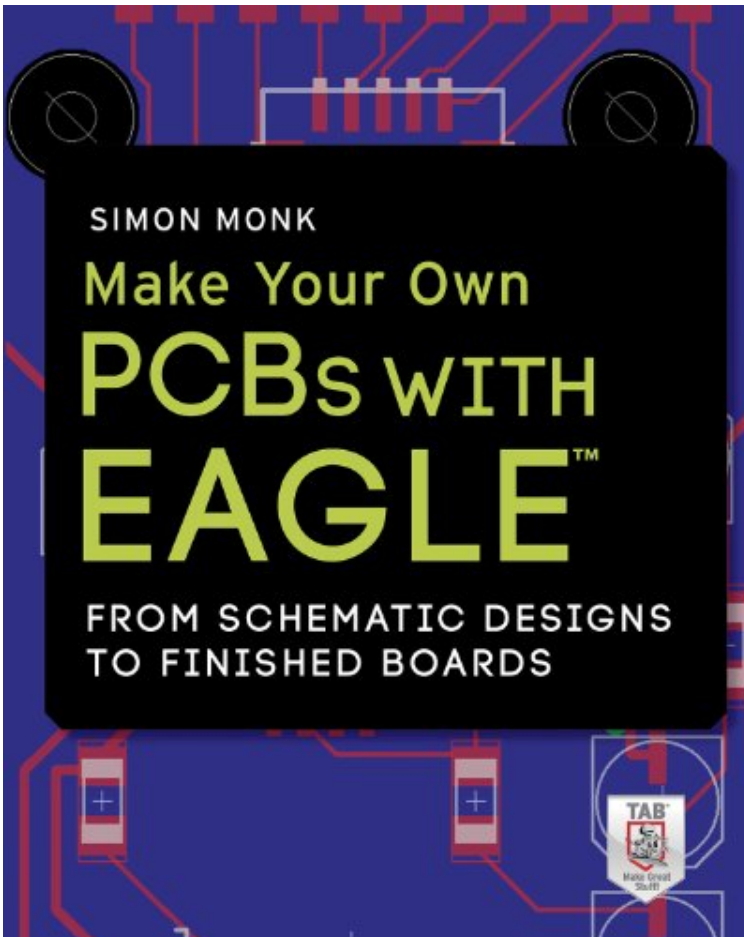


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Make Your Own PCBs with EAGLE: From Schematic Designs to Finished Boards



Par Simon Monk

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Prsentation de l'diteurDesign custom printed circuit boards with EAGLELearn how to make double-sided professional-quality PCBs from the ground up using EAGLE--the powerful, flexible design software. In this step-by-step guide, electronics guru Simon Monk leads you through the process of designing a schematic, transforming it into a PCB layout, and submitting standard Gerber files to a manufacturing service to create your finished board. Filled with detailed illustrations, photos, and screenshots, Make Your Own PCBs with EAGLE features downloadable example projects so you can get started right away. Install EAGLE Light Edition and discover the views and screens that make up an EAGLE projectCreate the schematic and board files for a simple LED projectFind the right components and libraries for your projectsWork with the Schematic EditorLay out PCBs with through-hole components and with surface mount technologyBuild a sound level meter with a small amplifier and ten LEDsGenerate Gerber design files to submit for fabricationSolder through-hole PCBs and SMD boardsDesign a plug-in Arduino shieldBuild a Raspberry Pi expansion boardAutomate repetitive tasks using scripts and User Language ProgramsCreate your own

libraries and parts and modify existing components
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