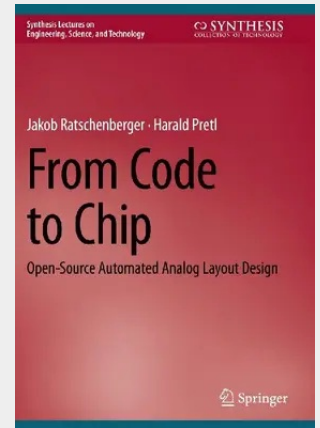


From Code to Chip

Open-Source Automated Analog Layout Design

This book shows how the layout of an analog circuit can be automatically generated in a fully open-source way. Based on an exemplary design flow, it introduces and explains the necessary steps for transforming a SPICE netlist into a layout, which can be inspected by the open-source layout editor Magic VLSI. This is done by using the industry's first open-source process design kit SKY130. Furthermore, the implementation of the design flow in the programming language Python is available as open-source on GitHub.

This book shows how the layout of an analog circuit can be automatically generated in a fully open-source way. Based on an exemplary design flow, it introduces and explains the necessary steps for transforming a SPICE netlist into a layout, which can be inspected by the open-source layout editor Magic VLSI. This is done by using the industry's first open-source process design kit SKY130. Furthermore, the implementation of the design flow in the programming language Python is available as open-source on GitHub. [↓↓↓↓↓↓](#)



53,49 €
49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783031685644
Medium: Buch
ISBN: 978-3-031-68564-4
Verlag: Palgrave Macmillan
Erscheinungstermin: 12.01.2026
Sprache(n): Englisch
Auflage: Erscheinungsjahr 2026
Serie: Synthesis Lectures on Engineering, Science, and Technology
Produktform: Kartoniert
Gewicht: 242 g
Seiten: 120
Format (B x H): 168 x 240 mm

