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LM5116-12 Evaluation Board

(ACTIVE) LM5116-12EVAL

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Key Document

[AN-1713 LM5116-12 Evaluation Board \(Rev. A\)](#) (PDF 362 KB)
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Description

The LM5116-12 evaluation board is designed to provide the design engineer with a fully functional power converter based on Emulated Current Mode Control to evaluate the LM5116 controller IC. The evaluation board provides a 12V output with a 5A current capability. The operating input voltage ranges from 15V to 80V. The design operates at 250kHz, a good compromise between conversion efficiency and solution size. The printed circuit board consists of 4 layers, 2 ounce copper top and bottom 1 ounce copper internal layers on FR4 material with a thickness of 0.06 inches. This application note contains the evaluation board schematic, Bill-of-Materials (BOM) and a quick setup procedure. Refer to the LM5116 datasheet for complete circuit design information.

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LM5116-12EVAL/NOPB: LM5116-12 Evaluation Board	\$75.00(USD) In Stock Typically Ships in 1 to 3 Business Days Buy from TI	Pricing may vary. Buy from distributor	ACTIVE	Yes	Yes	Yes
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