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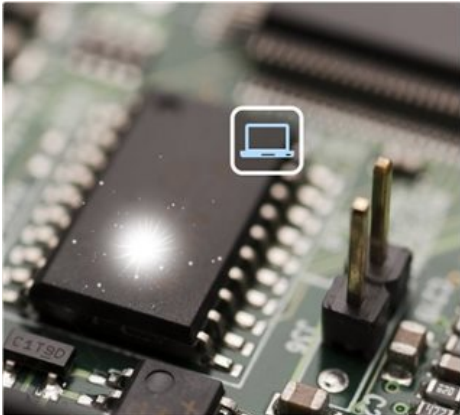
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MPM3810

~~\$3.79~~**On Sale From \$3.27**

6V Input, 1.2A Module Synchronous Step-down Converter with Integrated Inductor

Code MPM3810

PKG (Full-Part) Adjustable: MPM3810C ▼

In Stock ☐ In stock

Unit Price(1 - 100) \$3.79 (1-100pcs)

Unit Price(100 - 500) \$0.27 (100-500pcs)

Quantity

MPM3810

The MPM3810 is a module with monolithic stepdown switch mode converter with built-in internal power MOSFETs and inductor. It's designed to simplify power system design and provide ease of use. The DC-DC module has a small surface mount QFN-12 (2.5mmX3.0mm) package. It achieves 1.2A Peak output current from a 2.5V to 6V input voltage with excellent load and line regulation. The output voltage can be regulated as low as 0.6V. For adjustable output, only input, output capacitors and FB resistors are needed to complete the design.

The Constant-On-time control scheme provides fast transient response and eases loop stabilization. Fault condition protection includes cycle-by-cycle current limiting and thermal shutdown.

The MPM3810 is ideal for a wide range of applications including high performance DSPs, FPGAs, PDAs, portable instruments and storage.

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