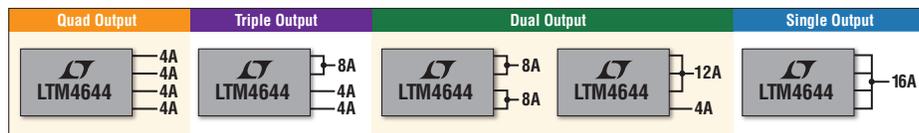


Quad 4A μ Module Regulator



9mm x 15mm x 5.01mm
(Actual Size)



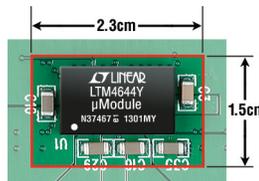
Current Share from 1 to 4 Outputs, up to 16A from $4V_{IN} - 14V_{IN}$

Simplify your power. The LTM[®]4644 is a μ Module[®] switchmode step-down regulator with 4 outputs, configurable as a single, dual, triple or quad. With this flexibility, a simple and compact 9mm x 15mm BGA μ Module regulator can power the variety of voltage and load requirements of FPGAs, ASICs and microprocessors.

Features

- $4V \leq V_{IN} \leq 14V$ or $2.375V \leq V_{IN} \leq 14V$ with External Bias Voltage
- $0.6V \leq V_{OUT} \leq 5.5V$ Each Output
- Guaranteed $\pm 1.5\%$ DC Output Voltage Accuracy from $-40^{\circ}C$ to $125^{\circ}C$
- Independent Input Supply Pins for Each Channel
- Output Overvoltage, Over Temperature and Short-Circuit Protection
- Internal Temperature Sensing Diode

Only 8 Capacitors and 4 Resistors



Double-Sided PCB

Info

- ▼ Obtain Data Sheet
- ▼ Request Demo Board
- ▼ Download LTspice[®] Demo Circuits
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- ▼ Supported by LTpowerCAD[™] II

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