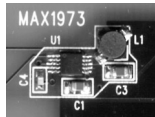


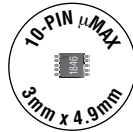
SMALLEST, LOWEST NOISE, 1.4MHz, 1A STEP-DOWN REGULATORS

Small 4.7µF Input and Output Ceramic Capacitors, Down to 0.75V Output

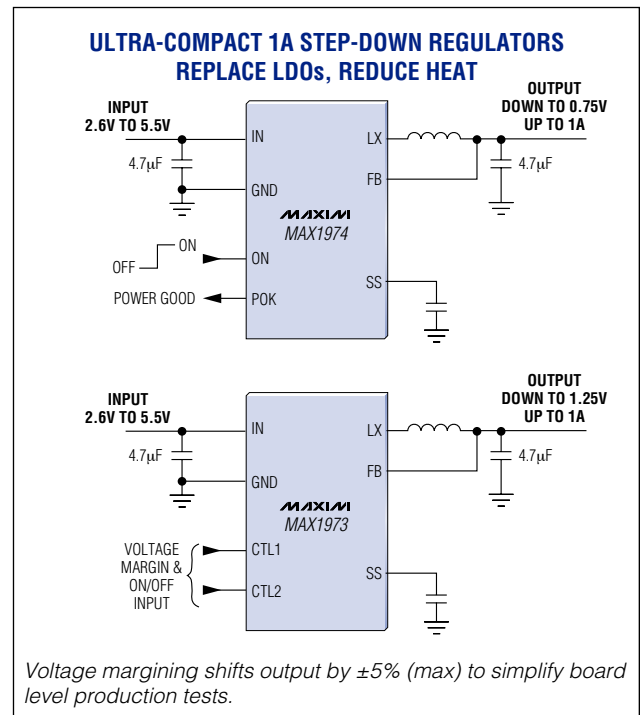
The MAX1973 and MAX1974 step-down regulators provide the smallest post-regulation DC-DC solutions for network, telecom, cellular base station, fiber modules, wireless modems, and xDSL equipment. 1.4MHz current-mode PWM operation reduces the size of external components, provides excellent transient response, and ensures operation outside the ADSL frequency band. The MAX1973/MAX1974 operate at a constant switching frequency over the load range and minimize noise interference, unlike the competitors' products that skip pulses at light loads.



FOOTPRINT <math>< 0.19\text{in}^2</math>
HEIGHT <math>< 1.8\text{mm}</math>



- ◆ Voltage Margining Simplifies System Test
- ◆ 3.3V or 5V Bus Operation
- ◆ Output Down to 0.75V
- ◆ 1% Accurate Output Over Load, Line, & Temperature Variations
- ◆ Constant Switching Frequency Reduces Noise Interference
- ◆ Low-Cost 4.7µF Ceramic Capacitors for 1A Output
- ◆ Adjustable Soft-Start Time
- ◆ Short-Circuit and Thermal Overload Protection
- ◆ Priced at \$1.65[†]
- ◆ MAX1973EVKIT Evaluation Kit Available



[†]1000-up recommended resale. Prices provided are for design guidance and are FOB USA. International prices will differ due to local duties, taxes, and exchange rates. Not all packages are offered in 1k increments, and some may require minimum order quantities.



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