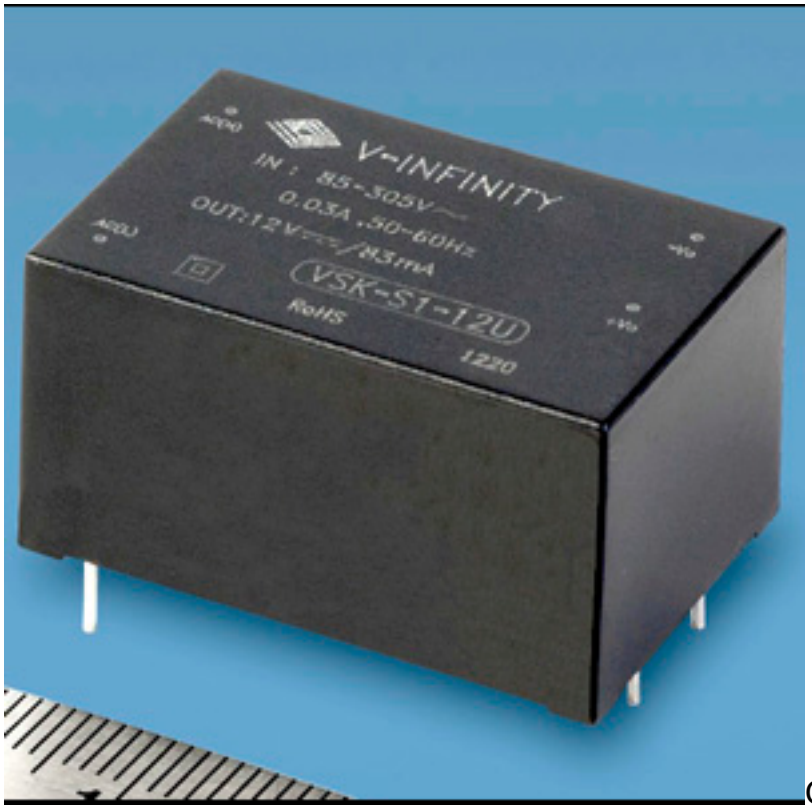
AC-DC modules deliver up to 2 Watts from 0.8 in3 space-saving package



CUI Inc announces 12 new ac-dc encapsulated power modules for space-constrained applications. The 1 W VSK-S1 series and 2 W VSK-S2 series feature ultra-compact 0.8 in3 packages measuring 1.32'' x 0.87'' x 0.70'' (33.7 x 22.2 x 18 mm). With industry-leading no-load power consumption of 100 mW, the modules are ideal for primary or auxiliary power conversion in a variety of ITE, consumer electronics, and industrial control applications.

An input range of 85~305 Vac makes these ac-dc modules suitable for lighting and smart building systems that operate from 277 Vac. Up to 78% efficient, with an operating temperature range of -25 to 70 degrees C, the power supplies feature very low ripple and noise.

The 1 W and 2 W families have output voltages of 3.3, 5, 9, 12, 15 and 24 Vdc. Protections for over voltage, short circuit and over temperature are included. Additionally, all models are 3 kVac isolated, carry CE and UL/cUL 60950-1 safety certifications, and are compliant with the EN 55022 Class B EMI standard. The VSK series is available immediately through Digi-Key with prices starting at $7.88 per unit for 1,000 pieces. Please contact CUI for OEM pricing.

Summary
Product Name: VSK-S1 series, VSK-S2 series
Availability: Stock to 6 weeks

Target Markets: Lighting, ITE, industrial, consumer electronics Primary Features: Compact, energy efficient, 85~305 Vac input range,
Cost: Starting at $7.88 per unit for 1,000 pieces through Digi-Key

electronica 2012
Learn more about CUI's power electronics line at this year's electronica show in Munich, running from November 13th to the 16th. CUI will be located in the power hall B2 at booth 518, and will showcase their lineup of power supplies ranging from 1 W to 2400 W, including advanced intermediate bus and digital point of load modules, medical ac-dc power supplies, and rugged industrial dc-dc converters.

www.cui.com [1]

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[1] http://www.cui.com