Surface-mount DC-DC LED driver provides output up to 700 mA

CUI announced the addition of a new surface mount series to its high efficiency, constant current dc-dc LED driver family. Designed to drive high power LEDs, the VLD25-SMT series provides efficiency levels of up to 96%, current accuracy of ±2%, and an ultra-wide input range of 5.5 to 48 Vdc. The series offers two means of LED dimming: PWM digital dimming and analog dimming control via a trim pot, making it ideal for applications where precise accuracy and brightness control is needed, including signage, transport, consumer electronics, and signaling.

The series is compact, measuring 0.94 x 0.54 x 0.30 inches in a 16-pin SMT package. Available output currents include 300, 350, 500, 600, and 700 mA with an output voltage range of 3.3 to 36 Vdc. The VLD25-SMT series has an ambient operating temperature range of -40°C to +85°C at full load in the 300 mA and 350 mA versions and -40°C to +71°C in the 500 mA, 600 mA, and 700 mA versions. Short-circuit protection and on/off control are standard features. The VLD25-SMT series is available immediately through Digi-Key starting at $7.95 for 1,000 pieces. For quantities over 1,000 pieces, please contact CUI directly for OEM pricing.

Summary
Product name: VLD25-SMT series
Availability: 5 weeks production
Possible users: LED applications where precise accuracy and brightness control is needed

Primary features: high efficiency, constant current dc output
Cost: $7.95 per unit at 1000 pcs through Digi-Key

For more information, please visit www.cui.com [1]

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