Sixteenth Bricks Provide Regulated Outputs at Efficiencies Exceeding 90 Percent



Power-One, Inc. introduced sixteenth-brick DC-DC converters that provide outputs from 1.2V to 5VDC, rated up to 25A, with efficiencies exceeding 90 percent and a regulation of +/-3 percent. SSQE48T-Series converters provide up to 16.23 million hour MTBFs, can withstand a 100V input transient for 100ms, and have a 36 to 75 VDC input range. Protections include: overcurrent, overvoltage, undervoltage lockout, and overtemperature shutdown. The converters use a DOSA-compliant 0.9" x 1.3" (22.9 mm x 33 mm) sixteenth-brick footprint. Pricing for the 1.2V out, 25A model is \$25 each in 1,000-piece quantities.

Power-One, Inc 805-987-8741, http://www.power-one.com [1]

Source URL (retrieved on 04/25/2014 - 2:31am):

http://www.ecnmag.com/products/2008/06/sixteenth-bricks-provide-regulated-outputs-efficiencies-exceeding-90-percent

Links:

[1] http://www.power-one.com/