

Eighth-brick DC/DC Converters

Tyco Electronics Power Systems, Inc. announces its EQW010-040 series DC/DC converters, a line of eighth-brick, DC/DC power modules designed for regulated single output voltages ranging from 1.0 to 12 Vdc. The EQW series delivers up to 10 A at 12 Vout, 20 A at 5 V, 30 A at 3.3 V, 35 A at 2.5 V and 40 A of output current for 1.8 V and lower output voltages. The converters operate over an input voltage range of 36 to 75 VDC, providing a single, precisely regulated output with full load efficiency of 92% at 3.3 V output. This converter series employs half-bridge conversion topology with highly optimized synchronous rectification and incorporates edge-plating and packaging techniques to deliver good thermal performance.

Tyco Electronics Power Systems

Source URL (retrieved on 01/30/2015 - 11:13pm):

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