Fifteen-Watt DC/DC DIP24 DC/DC converters accommodate either 2:1 or 4:1 inputs

XP Power announced two new families of ultra compact metal cased 15 Watt DC/DC converters. Available in an industry standard 24 pin DIP measuring 1.25 x 0.8 x 0.4 inches (31.75 mm x 20.32 mm x 10.16 mm), the JCG15 and JTF15 Series offer a power density of up to 37.5 Watts per cubic inch with an efficiency of up to 91 percent. Their compact size conserves board space, and the efficient design results in less wasted heat, assisting in the thermal management of the end system, according to the company. Providing nominal inputs of + 12, + 24 or +48 VDC, the JCG15 Series accommodates wide 2:1 input ranges of 9 - 18 VDC, 18 - 36 VDC and 36 - 75 VDC, with the JTF15 accepting ultra wide 4:1 inputs of 9 - 36 VDC and 18 - 75 VDC. Both single and dual output models are available. Single outputs are + 3.3, + 5.1, + 12 or + 15 VDC and duals are +/- 5, +/- 12 or +/- 15 VDC. The converters have an input to output and input/output to case isolation of 1,600 VDC. A remote on/off signal control is standard across the range and can be used to control the output rails or to sequence start-up procedures. All units feature overvoltage and continuous short circuit protection.

XP Power
800-253-0490, www.xppower.com [1]

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