Single And Dual Output 3 W DC/DC Converters

Now available from MicroPower Direct, the A300RW series is a 3 W family of low cost, miniature, single and dual output DC/DC converters. These units provide high performance features such as 2:1 input voltage range, efficiency as high as 84%, 1500 VDC isolation, and miniature size.
Twenty eight models operate from wide 2:1 input ranges of 4.5 VDC to 9 VDC, 9 VDC to 18 VDC, 18 VDC to 36 VDC, or 36 VDC to 75 VDC. Single and dual output combinations of 3.3, 5, 12, 15, &#177 5, &#177 12, or &#177 15 VDC are offered. Standard features include an input/output isolation of 1500 VDC, line/load regulation of &#177 0.5% max, efficiency as high as 84%, and low output ripple and noise.
The A300RW family is packaged in a low profile 1.25 &#215 0.80 &#215 0.4 inch case that is 24 pin DIP compatible. Each model is specified for operation over the wide operating temperature range of &#150 25 &#176 C to 71 &#176 C with no derating or heat sinking required. Cooling is by free-air convection.
The A300RW family is an ideal choice for a variety of board level applications requiring low cost, miniature packaging, and the flexibility of high performance features. Applications would include embedded systems, telecommunications equipment, datacomm equipment, process/industrial control systems, and instrumentation.

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