

## **Product news**

Reference: APS0908

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### **100W Half Brick Converter with Synchronized Operation Function**

Advanced Power Solutions (APS) announces the release of their APS100DMA series of tiny 100 Watt Half Brick DC/DC Converters with Synchronized Operation to ensure all units on the same board operate at the same switching frequency for reduced noise operation.

The APS100DMA series utilizes the Active Clamp Forward Topology with Synchronous rectification to provide a 100 Watt Half Brick DC/DC Converter in a full encapsulated package with a 6-side shield for improved EMI performance. The converter operates at a fixed 230KHz frequency; a 36~78 VDC Input Range; -40~+85°C operating Temperature Range; and a typical efficiency of 84%. The series consists of three output models offering 3.3 / 5 / 12 VDC outputs and up to 100 watts output power. These converters feature Over Voltage / Over Current / Over Temperature Protection Circuits; Class B Emissions; International Safety Approvals (UL60950-1 / CB / C-Tick / BSMI / TUV / CE Mark); and meet EN55022 Class B emission standards.

Evaluation quantities are on-hand with production deliveries of less than 8 weeks. Specifications are available for download from <http://advpower.thomasnet.com/Asset/APS100DMA.pdf> Pricing is as low as \$54.00 in 1,000 piece quantities. Contact APS at 925-734-3060 or [sales@advpower.com](mailto:sales@advpower.com) for sales & technical support.

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#### Note to editors:

Advanced Power Solutions (APS) is committed to being a leading provider of power solutions, including AC-DC power supplies and DC-DC converters. With ISO 9000:2000, APS offers total quality, from in-house design to manufacturing facilities around the world. The company offers the widest range of power products unrivalled technical and customer support.

