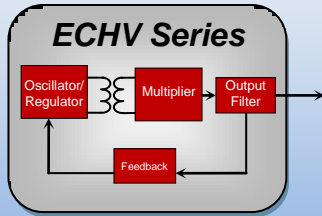


HVM TECHNOLOGY, INC

MINIATURE HIGH VOLTAGE SOLUTIONS

Low Cost Miniature High Voltage Block

Economically integrate high voltage into your design



High voltage building block simplifies design



Extremely small size maximizes packaging flexibility



HVM's Newest Miniature HV DC/DC Converter!

The ECHV Series...

The **ECHV Series** is an economical and versatile high voltage dc to dc converter perfectly suited for small, portable, high performance equipment requiring high voltage biasing. Designed for affordability and reliability, the **EC Series** is manufactured using all surface mount construction and tested using state-of-the-art automatic test equipment.

The ECHV Series includes a range of models with output voltages up to 10kV. Fully encapsulated in a compact (1.0" x 1.8" x 0.35") package, the ECHV Series boasts easy-to-use features that enable the designer to quickly integrate high voltage into any design. A high impedance programming input makes it easier to use than proportional converters, eliminating the need for a low impedance adjustable power source voltage. HVM's proprietary resonant converter design minimizes quiescent current and operating noise while delivering maximum performance and reliability. A special feature of this power supply is its extremely low input current, making it ideal for battery powered applications.

The devices operate directly from 5 volt or 12 volt input and the output power rating is 1W. Output voltage is independent of input power voltage and is proportional to the programming voltage (0 to 5V produces 0 to full scale output) and features excellent linearity. The ECHV Series is designed for stable operation over a wide temperature range of -55°C to +70°C.

About HVM Technology...

HVM Technology, Inc. designs, manufactures and markets high performance electronic products for a variety of applications in the military, aerospace, scientific and analytical fields. HVM specializes in miniature high voltage power converters.

HVM Technology was established in 2004 as a producer of specialized multi-output high voltage dc to dc converters used in night vision image intensifiers. It is this technology base that has established HVM as an industry leader in the field of high voltage microelectronics. This highly critical and specialized high voltage niche has led us into markets that require extremely small high voltage packaging in order to take their newest technologies to the next smaller level and to stay competitive in today's world marketplace. Because of the growing demand for products to be smaller and portable, HVM continues to push the limits of high voltage miniaturization by offering a variety of standard and custom products ranging from single-output high voltage dc-to-dc converters to complex multiple output modulated designs.

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