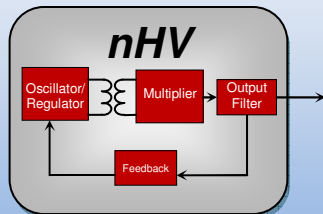


HVM TECHNOLOGY, INC

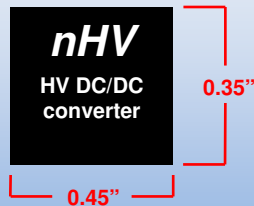
MINIATURE HIGH VOLTAGE SOLUTIONS

The World's Smallest High Voltage DC/DC Converter!

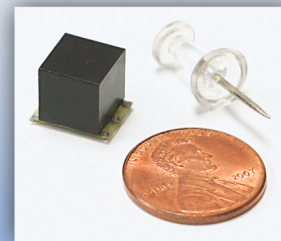
Easily integrate high voltage into portable electronics



Fully integrated HV solution simplifies design



Extremely small size maximizes packaging flexibility



HVM's Newest Micro-Sized HV DC/DC Converter!

The nHV Series...

HVM Technology, Inc. announces the production release for the newest member of its Micro-Size High Voltage product lineup. The **nHV Series** is an incredibly small high performance high voltage dc to dc converter perfectly suited for small, portable, high performance devices requiring high voltage biasing. Occupying an incredibly small volume of less than 0.05 cubic inches, this power supply is sure to set a new design standard to which all other miniature high voltage products are compared.

Designed for simplicity, the nHV Series contains all necessary functional blocks to deliver a precisely regulated, highly stable output – **all in a super-small surface mount package**, offering the design engineer maximum packaging flexibility.

A high impedance programming input makes it easier to use than proportional converters, eliminating the need for a low impedance adjustable power source voltage. The nHV features excellent load and line regulation and very low ripple. 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 100 mW. 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 nHV Series is designed for stable operation over a wide temperature range of -55°C to +70°C.

About HVM Technology...

HVM Technology, Inc. designs, manufacturers 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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