



2015 Super 12 Products

196 HVC ENYCAP™

Hybrid Energy Storage Capacitor



A *WORLD OF*
SOLUTIONS

196 HVC ENYCAP™ Hybrid Energy Storage Capacitor

High-Energy Storage Capacitor Saves Space with the Industry's Highest Energy Density (13 Ws/g)

- Features:
 - Industry's first polarized energy storage capacitor with high capacitance (up to 90 F) and energy density (13 Ws/g)
 - Voltage flexibility: 1.4 V (single cell) to 2.8 V / 4.2 V / 5.6 V / 7.0 V / 8.4 V (multiple cells)
 - Available in stacked through-hole (STH, radial), surface-mount flat (SMF) and lay-flat configurations (LFC) with wire and connectors
 - Low profile (2.5 mm) to fit portable and compact designs
 - Wide variety of package layouts



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- Applications / Market Segments:
 - Power backup for memory controllers, flash backup, RAID systems, SRAM, DRAM
 - Power failure and write-cache protection for enterprise SSD and HDD
 - Real-time clock power source
 - Burst power support for wireless transmitters, flash lights
 - Backup power for industrial PCs and industrial controls
 - Storage device for energy harvesting
 - Emergency lights and micro UPS power sources

- Datasheet document number: 28409
- Product page: www.vishay.com/ppg?28409
- Product sheet: www.vishay.com/doc?49465



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- Competition:
 - Industry-first high-energy storage capacitor
- Why use 196 HVC ENYCAP?
 - High-energy storage capacitor with high capacitance (up to 90 F) and energy density (13 Ws/g)
 - Voltage flexibility: 1.4 V to 8.4 V
 - High number of charge discharge cycles (100 000)
 - Samples and evaluation kits are available
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