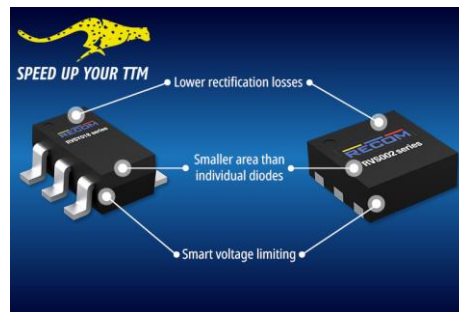


## RECOM Enters the World of Discrete Power

The RVS002 integrates two N-channel MOSFETs and two Schottky diodes in a DFN2\*2 package to create a low-loss full bridge rectifier capable of handling up to 3W. A built-in intelligent voltage limiter prevents the output voltage from rising excessively under no load conditions, ensuring voltage stability. When the power supply is under load, the limiter remains inactive and does not draw current, thereby maintaining high efficiency.



The RVSY018 synchronous rectification controller operates at up to 700kHz, with an ultra-fast 30ns turn on and 10ns turn off characteristic, making it ideal for high-frequency power conversion applications. The rectification IC is self-powered from a single AC input allowing either high side or low side rectification. The controller supports both CCM and DCM operation and is compatible with both QR and active clamp flyback topologies.

Both rectifier solutions operate over a -40°C to +125°C temperature range, are reflow oven solderable and come with a 3-year warranty.

Datasheets and additional information can be found on: <https://recom-power.com>