Your Design, Your Choice

Take advantage of modular convenience and the flexibility of discrete components with RECOM Power.

- Prototype with modules
- Scale with kits or discrete components

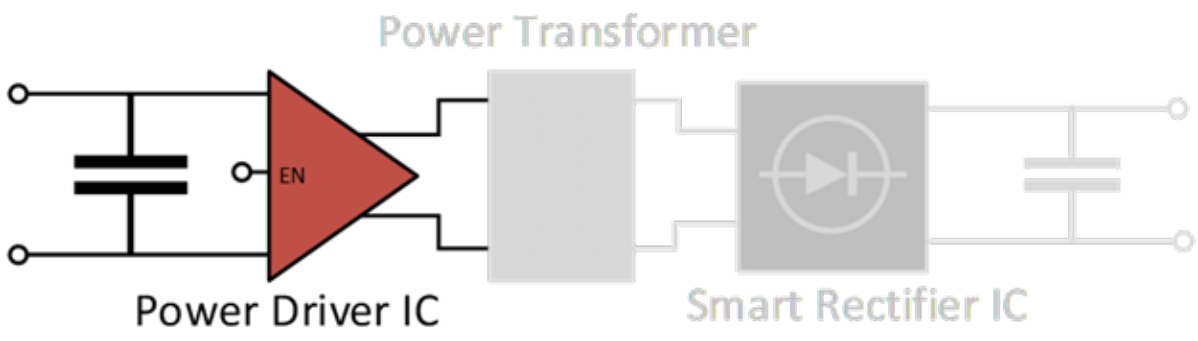
Same power ecosystem = Faster design.
Fewer surprises. Optimized Bills of Materials.

Core Building Blocks to Power Discrete Designs

RECOM Power's discrete parts portfolio is built around three dedicated product families:

1. RVP / RVPW Power Driver ICs:

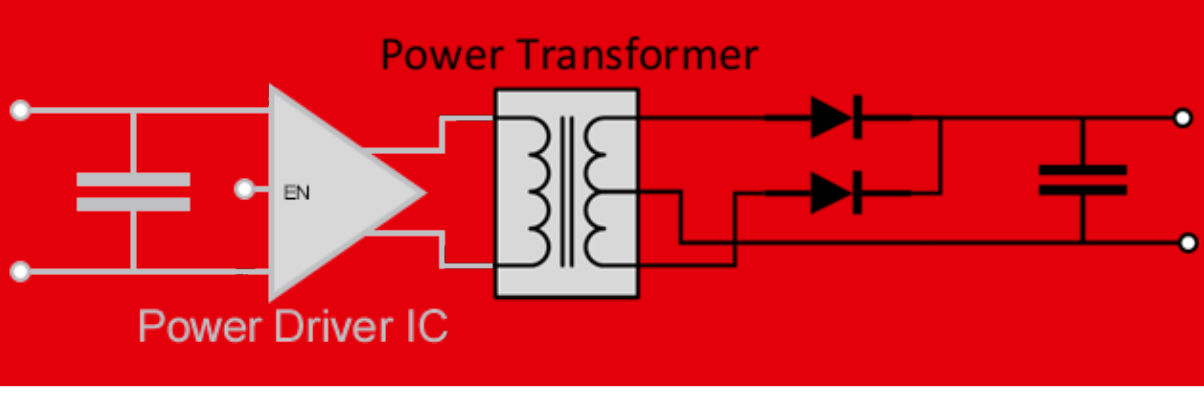
Efficient push-pull & full-bridge control, and integrated flyback PWM with primary-side regulation



2. RMR / RPE / RBE Series SMD Transformers:

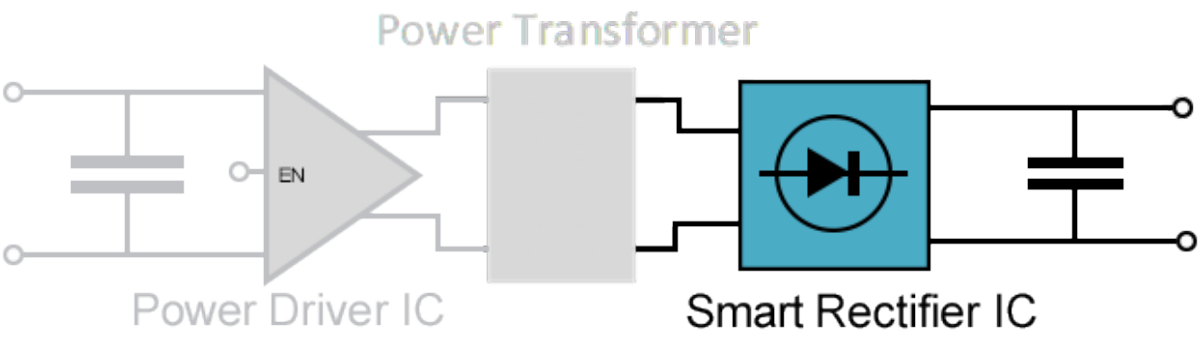
Standard and custom magnetics

- Flexible configurations: Center-tap, untapped, and multi-winding
- Isolation options: Functional, basic, or reinforced
- Supports rectifier ICs and diode rectification
- Optimized for compact designs



3. RVS Series Smart Rectifier ICs:

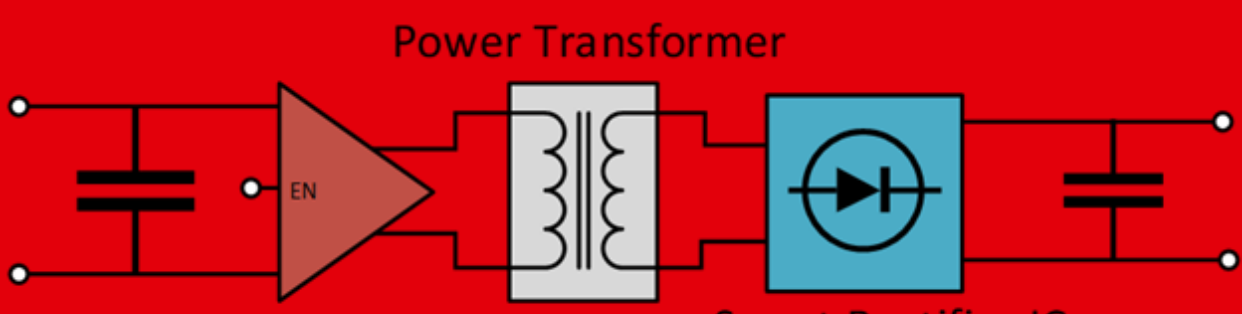
Self-powered synchronous rectification to improve efficiency and thermal performance



High-Performance Driver ICs

Get support for common power topologies like flyback, push-pull, and full-bridge.

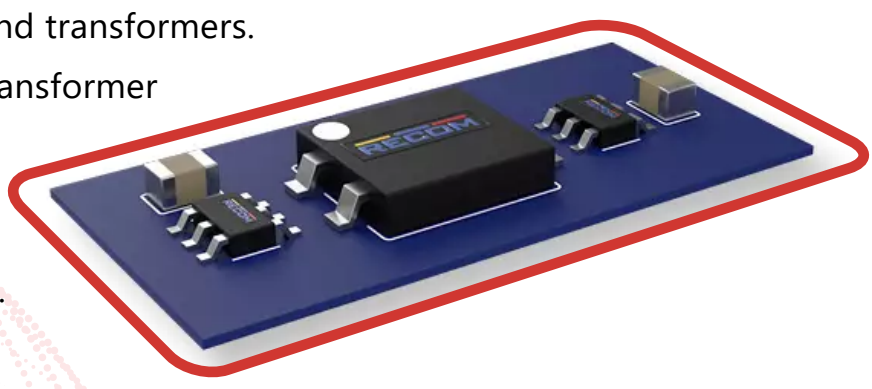
Built-in protection features include overcurrent (OCP), overtemperature (OTP), short-circuit (SCP), undervoltage (UVLO), and overvoltage (OVLO), depending on selected products.



Flexible Architecture for Custom Solutions

Use RECOM Power components individually or combine them to create optimized isolated DC/DC converters tailored to applications.

- **Individual ICs and transformers:** Maximum flexibility when you want full control of layout, thermal path, and cost.
- **Pre-matched sets:** Faster schematic start with validated electrical compatibility of matched power ICs and transformers.
- **Kits:** Practicality with primary IC + transformer + secondary smart rectifier selected to work together.
- **Modules:** Ready-to-go power with reduced integration and design effort.



Simplified Discrete Power Design

Whether buying established modules or individual components, RECOM Power simplifies component selection for engineers to build efficient discrete power solutions from a unified ecosystem of power ICs and transformers. Engineers can create flexible, compact, and scalable power solutions tailored to specific applications.

LEARN MORE AT DIGIKEY.