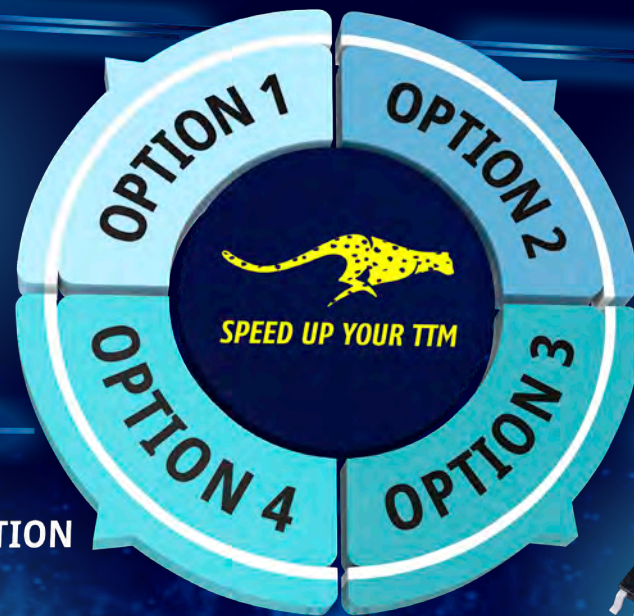


# YOUR DESIGN - YOUR CHOICE

From DC/DC Low Power ICs (1-15W)  
to Ready-Made Discrete Solutions



POWER IC



TRANSFORMER



READY-MADE  
DISCRETE SOLUTION  
within 20 days



POWER IC &  
TRANSFORMER



**RECOM**  
recom-power.com/ic

## POWER IC

RECOM Power ICs are designed for isolated DC/DC converter applications, enabling efficient and reliable Transformer-driven power solutions. Developed from decades of DC/DC module expertise, they ensure consistent performance and simplified power supply design. Supporting proven converter topologies such as Push-Pull, Full-Bridge, and Flyback, they provide flexibility for a wide range of low-power applications while helping reduce design complexity and development time.

### SUPPORTED TECHNOLOGIES

- Push-Pull – simple and cost-efficient for low-power isolation
- Full-Bridge – high power density for very compact solutions
- Single-Ended Flyback – regulated solutions with wide operating range

### KEY BENEFITS

- Optimized for isolated DC/DC designs
- Proven topology implementations
- High operational repeatability and consistency
- Simplified discrete power supply development



## TRANSFORMER

The Transformer is the heart of every isolated DC/DC converter. RECOM provides compact SMD Transformers optimized for efficient and reliable isolation applications. They are designed for low-power DC/DC converters where size, efficiency and consistent performance are critical. The Transformers can be used with RECOM driver ICs or custom circuit designs, and matched IC and Transformer pairs are available to ensure reliable operation.

### SUPPORTED TECHNOLOGIES

- Stand-alone SMD Transformers
- Compatible with RECOM driver ICs or custom circuits
- Standard and custom Transformer options

### KEY BENEFITS

- Compact footprint for space-constrained designs
- Optimized electrical characteristics
- Ex-stock availability for common applications
- Custom solutions available on short notice



## READY-MADE DISCRETE SOLUTION within 20 days

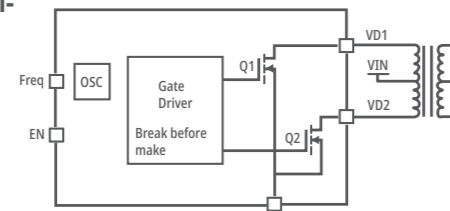
RECOM Discrete Solutions combine key power components into a flexible DC/DC converter architecture, giving designers the freedom to choose between ready-to-use modules and customizable discrete implementations. This approach allows optimization of layout, production processes and system integration according to individual application requirements.

### SUPPORTED TECHNOLOGIES

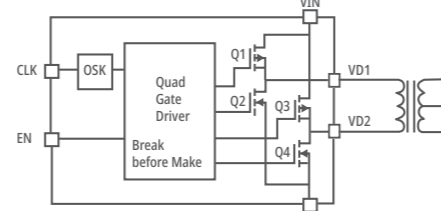
- Integrated Transformer driver IC solutions
- Push-Pull, Full-Bridge and Flyback topologies
- Secondary-side smart rectifier technology
- Pre-mounted evaluation PCB solutions

### KEY BENEFITS

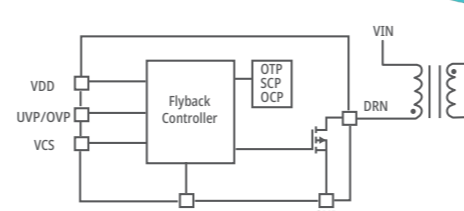
- Complete pre-tested power solution
- Reduced design complexity
- Flexible PCB layout and assembly integration
- Isolation ratings from 1.5 kVDC up to 8 kVDC



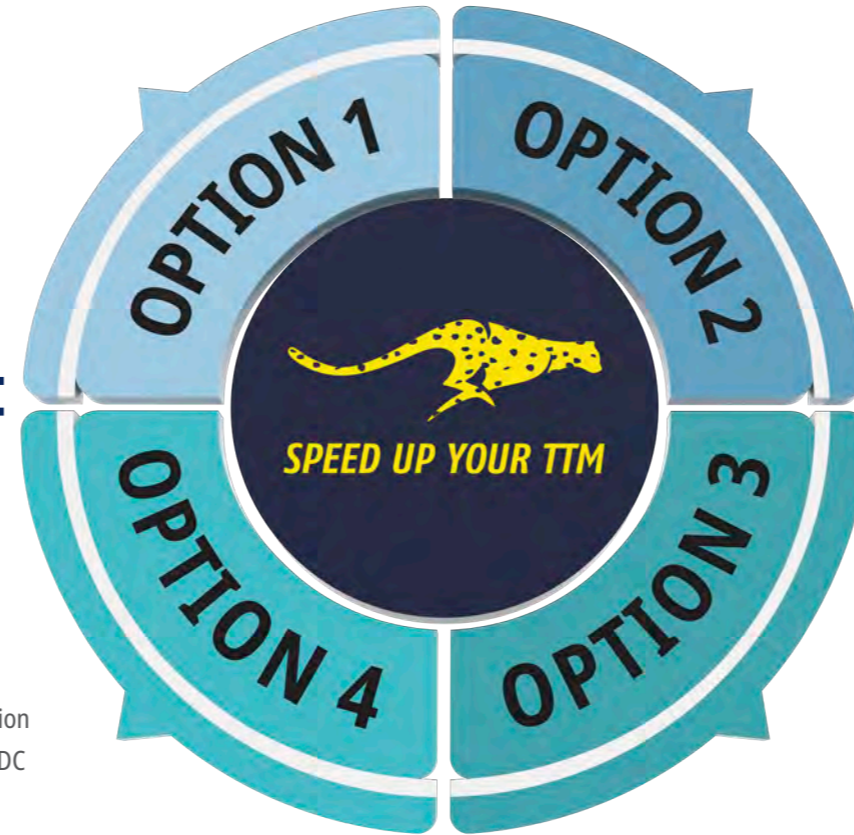
PUSH-PULL



FULL-BRIDGE



FLYBACK



## POWER IC & TRANSFORMER

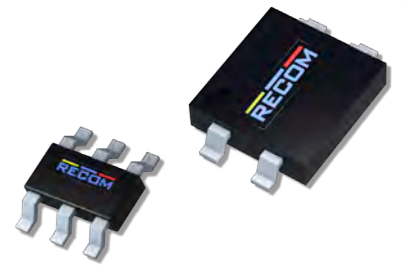
Matched driver IC and Transformer combinations simplify discrete power supply development by providing pre-validated and fully compatible building blocks. The components are designed to work together electrically and mechanically, ensuring optimized performance and reliable operation. Pre-tested combinations reduce design risk and accelerate development by eliminating the need for complex component matching.

### SUPPORTED TECHNOLOGIES

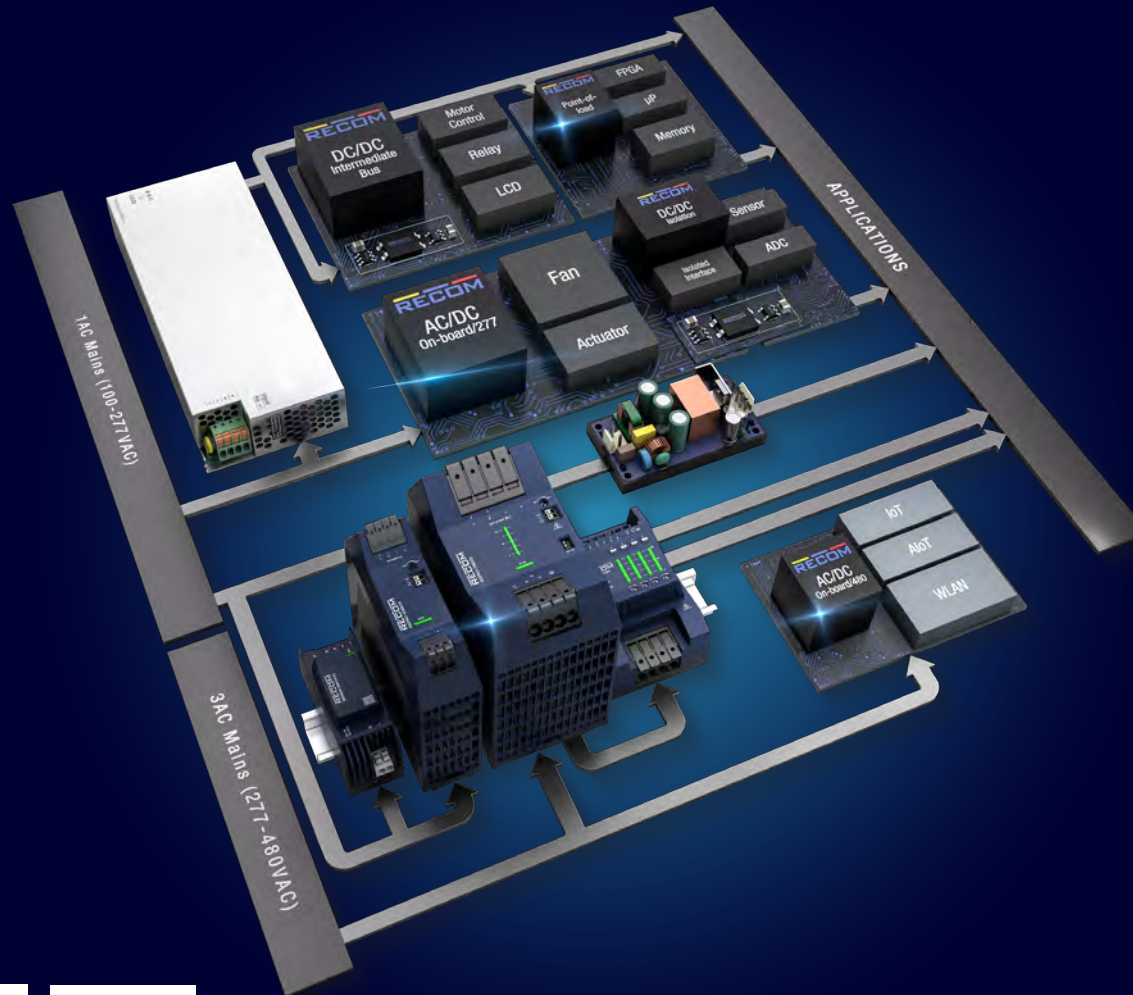
- Push-Pull driver + Transformer combinations
- Full-Bridge driver + Transformer combinations
- Flyback driver + Transformer combinations

### KEY BENEFITS

- Guaranteed component compatibility
- Pre-tested operational performance
- Reduced development risk
- Faster time-to-design



# SOLUTION PROVIDER FOR ALL POWER APPLICATIONS



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