

VITEC

POWER

STANDARD

CUSTOM

INNOVATIONS IN MAGNETICS™

POWER
CONDITIONING



POWER
MANAGEMENT



POWER
DISTRIBUTION



POWER
CONVERSION



SAFETY AND
ISOLATION



SIGNAL
INTERFACE



INNOVATIONS IN MAGNETICS

WELCOME TO VITEC ELECTRONICS

Welcome, and thank you for your interest in Vitec Electronics Corporation. Vitec, a multi-national company established in 1986, is a worldwide supplier of innovative magnetic solutions. With design centers in North America and Asia, along with a state-of-the-art manufacturing facility in China, Vitec is uniquely positioned to provide both innovative and cost-effective magnetic solutions. Every Vitec professional shares my vision, my commitment, and my passion for excellence in every program, on every system, and in every effort that supports our customers around the world. We are very proud of Vitec's growing reputation as "The Magnetics of Choice" within customers, among our many industry partners, and throughout the magnetics industry. I sincerely thank you for your interest in Vitec Electronics Corporation.



Brad Rogers
General Manager

WORLDWIDE SALES & CUSTOMER SERVICE

Vitec Electronics Corporation employs multiple authorized distributors and representative offices for its sales operations worldwide. Sales management and customer service in the continental United States, Puerto Rico, Canada, Mexico, Brazil, and Europe are conducted from corporate headquarters in Carlsbad, California, and for all of Asia from Shanghai, China.



**Shanghai
China**

**Carlsbad
California**



Vitec Shanghai Electronics



DESIGN & DEVELOPMENT

Vitec's comprehensive, in-house tooling capability – including jigs, fixtures and automation equipment – combined with the use of innovative materials and manufacturing techniques ensure the most cost-effective solution to your yield and performance objectives. Our product capability ranges from high-volume standard surface-mount and thru-hole inductors to short-run, high-power custom transformers. Our highly trained and dedicated engineering, technical and customer-support staff will oversee your project from design and prototyping through production and delivery, ensuring the highest standards of product performance, consistency and reliability.

CUSTOM DESIGN

MAGNETICS MADE-TO-ORDER

Our design and prototyping team in Carlsbad and support engineering in Shanghai will develop a custom design from your application parameters, or work from your existing product specification. Vitec's extensive experience in magnetics includes a wide range of core materials and winding geometries, packaged fully encapsulated or open frame in SMT, thru-hole, flying leads or planar.



REFERENCE DESIGN

Vitec Electronics Corporation is considered a reference design partner with a number of IC manufacturers including:

ADI	International Rectifier	Primarion
AMD	Intersil	Texas Instruments
Intel	Linear Technology	Volterra

Refer to Vitec's website for a complete listing and cross-reference tables of IC part numbers.

VITEC

WWW.VITECCORP.COM

APPLICATIONS

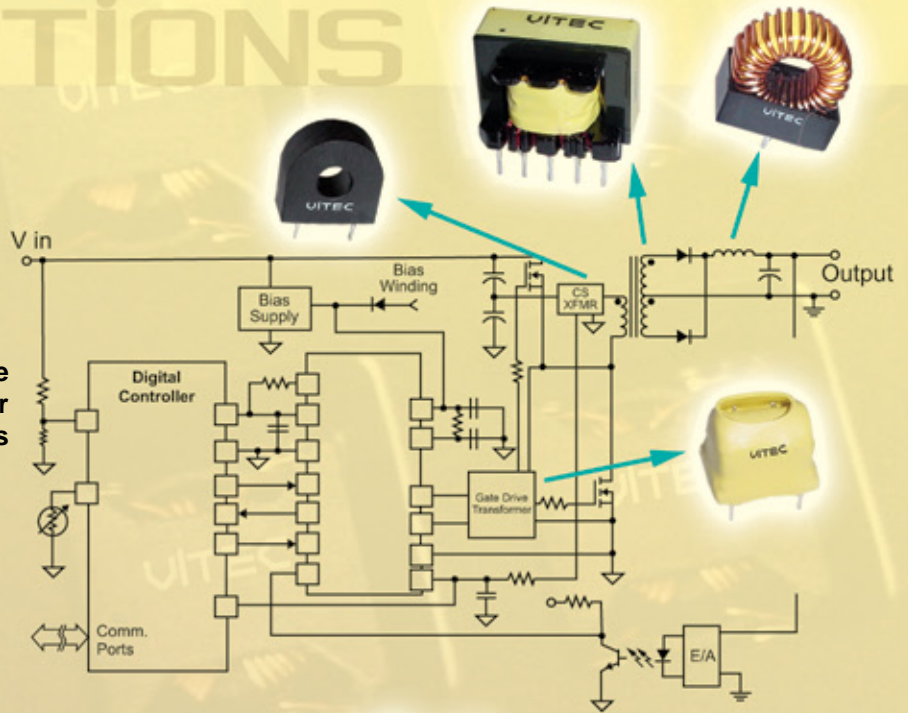
INDUSTRIES

- Monitoring
- Metering
- Computing
- Industrial
- Telecom
- Power Protection
- Consumer
- Medical
- Networking
- Audio/Visual
- Test & Measurement
- Automation

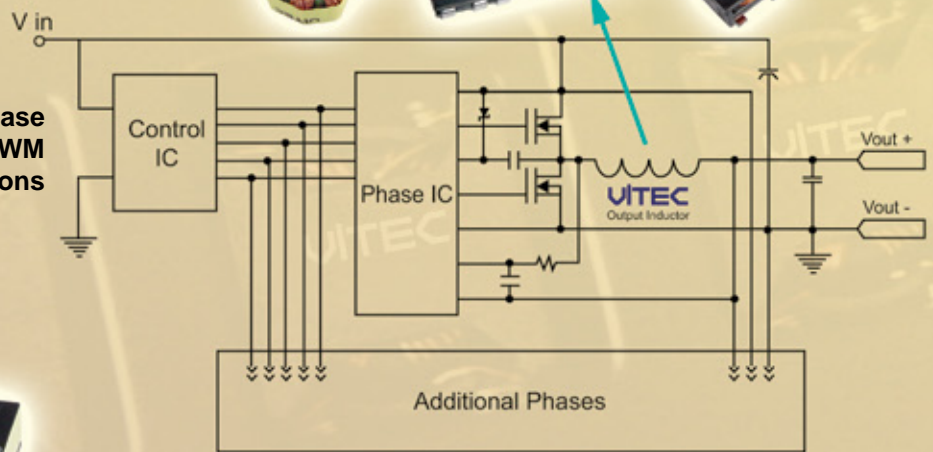
PRODUCTS/SYSTEMS

- Power Meters
- Power Distribution
- Test Equipment
- HVAC
- Motion Control
- PCs
- Welders
- Back-up
- UPS
- Laptops
- PDAs
- Appliances
- Scanners
- Heat Exchange
- Security Systems

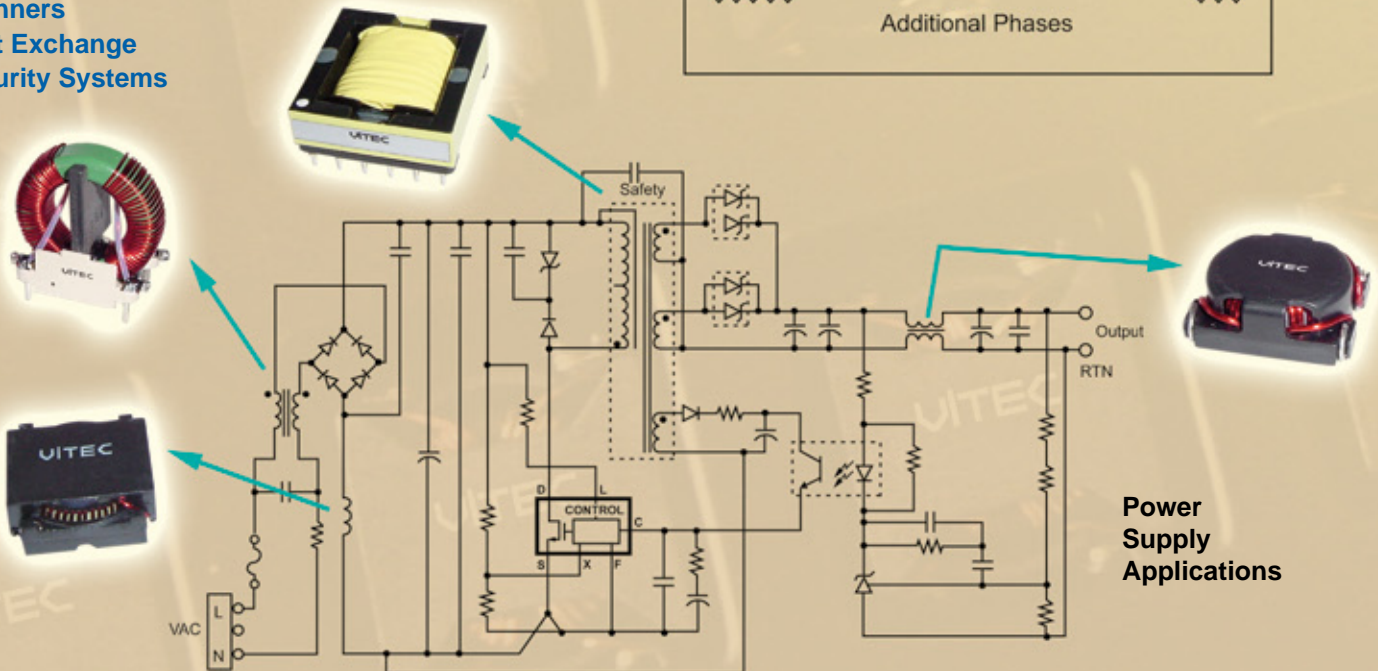
Half-Bridge Converter Applications



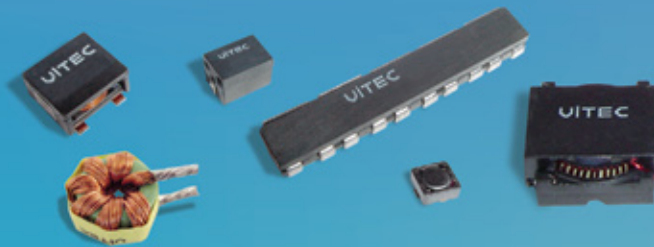
Multi-Phase PWM Applications



Power Supply Applications



- VRM and VRD Inductors
- Power Inductors
- High Current Toroid Inductors
- Filtering Inductors



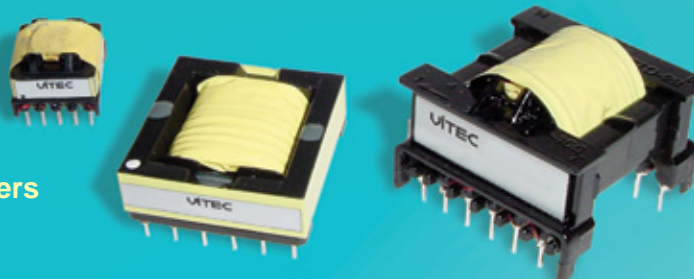
- Current Sense Inductors
- Current Sense Transformers
- 50/60 Hz Current Sense Inductors
- Control Transformers



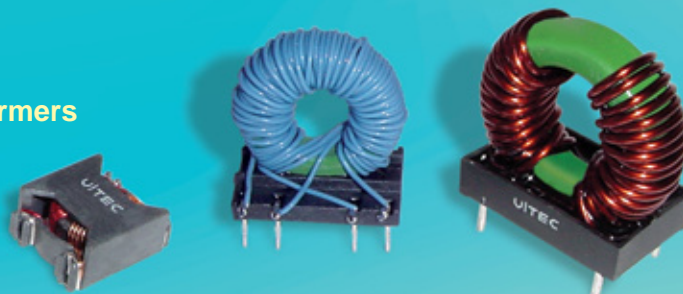
- Multi-tapped Transformers
- Trigate Pulse Transformers
- Energy Storage Inductors
- Gate Drive Transformers



- Flyback Transformers
- Buck/Boost Transformers
- SMPS Transformers
- DC-DC Converter Transformers



- EMI Common Mode Chokes
- Reinforced Insulation Transformers
- Isolation Transformers
- UL-Certified Transformers



- Impedance Matching
- Pulse Transformers
- T1/E1 and ISDN Transformers
- DSL and Ethernet Transformers



POWER CONDITIONING



POWER MANAGEMENT



POWER DISTRIBUTION



POWER CONVERSION



SAFETY AND ISOLATION



SIGNAL INTERFACE





WWW.VITECCORP.COM



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VITEC'S COMMITMENT TO QUALITY

Vitec is committed to designing, manufacturing, shipping and processing all aspects of our business to the highest quality standards. Vitec employees are empowered to provide products and services that meet or exceed our Customers' requirements, conform to company policies and standards, and exhibit continuously improving levels of Quality.

CERTIFICATIONS

- UL Insulation System (E107307) supporting temperature Class B (130° C) to Class X (180° C).
- Vitec can provide designs to meet UL, CSA, TUV, BABT and VDE requirements.
- ISO 9001:2000 certified for corporate and manufacturing facilities.



FM39780 – Corporate
FM59195 – Factory
ISO 9001:2000 Certified