



Global Supplier of Passive & Electro-Magnetic Components



United States

China

Korea

France

Brazil



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Company Facts

- We are a competitive Transformer manufacturer with multiple manufacturing facilities in Taiwan and China.
- Backed by Engineering team in the United States and Asia, Trigon Components over the last 19 years has become a leading supplier of passive components to major OEM, ODM and EMS throughout the world.
- We are component specialists with extensive background in tooling up new mold and die. Our experienced Engineering Staff will work with customers on new designs as well as ongoing cost reductions.
- Our products have certification with UL, CSA, VDE, TUV, SEMKO, USB, SGS, FCC and ISO9001 to ensure quick time-to-market.
- Our relationship with material suppliers and product knowledge will ensure quality products and the most competitive cost possible.

Company History

- 1996** Company founded in Fullerton, California and Taipei, Taiwan with inductor & transformer factory in Fuzhou City, China
- 1998** Resistor & capacitor product lines added, factories received ISO9002 certifications
- 2002** Introduced UL/Semko agency-approved safety capacitor product line for communication & power line applications
- 2005** Hong Kong office established.
- 2009** Kunshan, China factory established to expand inductor and transformer business. Taoyuan, Taiwan factory acquired to produce multilayer ferrite beads
- 2010** Brazil and Korea sales rep office established
- 2016** Mianyang factory established. Expanded telecom transformer production
- 2017** Indonesia factory established. Expanded power transformer production
- Received TS 16949 Automotive Cert



★ Sales Offices & Warehouses

- Brea, USA
- Raleigh, NC
- Taipei, Taiwan
- Shanghai, China
- Seoul, Korea (Rep)
- Sao Paulo, Brazil (Rep)
- Guadalajara, Mexico (Rep)

▲ Manufacturing Facilities

- Taoyuan, Taiwan (150)
- Mianyang, China (500)
- Kunshan, China (175)
- Tulungagung, Indonesia (50)



Total Employee: 825

Mission & Vision

- Support customers for design in on OEM product development and become a component innovator.
- Maintain low cost production to create values and competitive edge for our customers.
- Continue to grow and provide services to better support customer requirements.

Market & Certification

Market	Certificate	Notes
Consumer Electronics	ISO9001 ISO14001	Main source of business revenue.
Appliances, Power Meters, Medical	ISO9001 ISO14001 EH&S	Currently working with Reps to Expand Market Penetration.
Automotive	TS16949.	Received in 2017
Military, Aerospace	N/A	No plan now. But can support non ITAR opportunities

Major Customers

Direct	EMS	Indirect
		
		
		
		
		
		

Design Quality Control

- Fully documented component specifications, designs & test reports
- Fully compliant, agency certified --- RoHS, UL, etc.
- Customer component specs, spec approval, change control process
- Sample test & qualification support
- Production ramp quality controls:
- Pilot through full production quality analysis & reporting
- Lot control, quality audits & audit reports for pilot & early production runs
- Design processes & quality controls ensure production stability & final product quality



Featured Product: Inductor & Transformer

- Power Inductor
- Chip Inductor
- Common-Mode Choke
- Power & Telecom Transformer

SURFACE MOUNT DEVICE (SMD) TYPE

ISDU Series
IPS Series
IPH Series
IDC Series
IDB Series
IDV Series

WIRE WOUND TYPE

IWC Series
ETCM Series

COMMON MODE SMD FILTER

ETCM Series Common Mode SMD Filter
Electrical Characteristics:

POWER TRANSFORMERS



Categories:
EE16/20/25/26/30, EC28/35/38/40/42/48, EI28/33/35/41

Features:
High power density delivers high efficiency Low temperature rise Low radiated noise Low profile package Ideal for SMT assembly Meet UL safety standard

Application:
Power circuit module Switching power supply Power adapter DC-DC converters Digital camera, PDP TV, Ballast control Battery Charger, A/V equipment

LAN TRANSFORMERS



Categories:
10/100 Base-T LAN modules for Single/Dual/Quad ports
1000 Base-T (Giga) LAN modules RJ45 with magnetic integrated

Features:
DIP and SMD package available Meet IEEE and ANSI standard RoHS compliant

Application:
Switch, Router, Hub.....network products Notebook PC, LAN card Broadband access devices

TELECOM TRANSFORMERS



Categories:
T1/E1/CEPT/ISDN-PR1 Telecom Transformers Analog and xDSL transformers

Features:
Compatible to work with IC chipset design Excellent longitudinal balance, return loss, Isolation voltage up to 2500 Vrms. Custom design RoHS compliant

Application:
Telephone, PABX and Fax machine, MFP xDSL modem, DSLAM, Filter, Splitter

Power Transformers

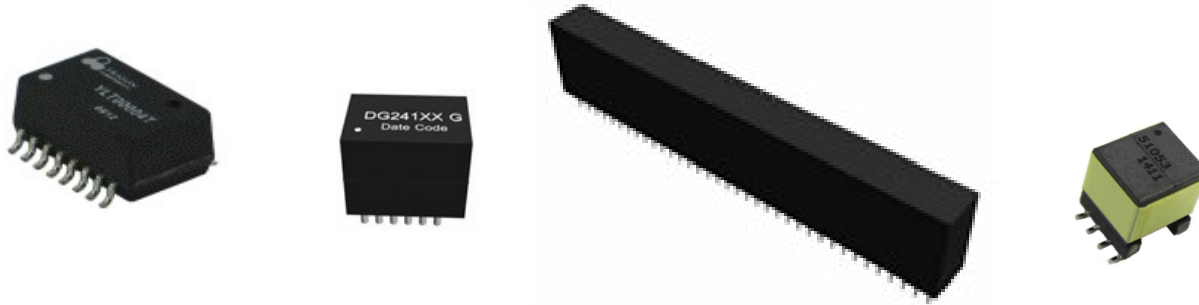
- Example: PoE, DC/DC AC/DC converter, Controller, Gate Driver, Isolation, etc.



- Cross Reference: Wurth/Midcom, TDK, Delta, Sumida, Triad, Halo, Minntronix, etc.

Signal Transformers

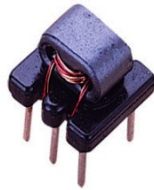
- Signal Transformers: LAN, Current Sensing, Pulse, Telekom, Audio, etc.



- Cross Reference: Pulse, Bel, Bourns, TDK, Würth, etc.

Filters & Chokes

- Filter: Common Mode, Differential Mode, Chokes, Coils, etc.



- Cross Reference: Coilcraft, Delta, Murata, Epcos, Vishay, Sumida, etc.

Why Trigon

- Comprehensive, High Quality Product Range
Minimizes Your Supplier Base
- Component Development, Design-to-Fit Capability
Solves Your Unique Problem
- Complete Component Engineering, Documentation
Supports Shorten Your Design Time
- Global Supply Chain Management, Logistics
Support Streamlines Your Material Flow
- Responsive, Cost Effective Component Solution
Ensures Your Competitive Edge

**For more information, please visit us at:
www.trigoncomponents.com
End of presentation, thank you.**

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