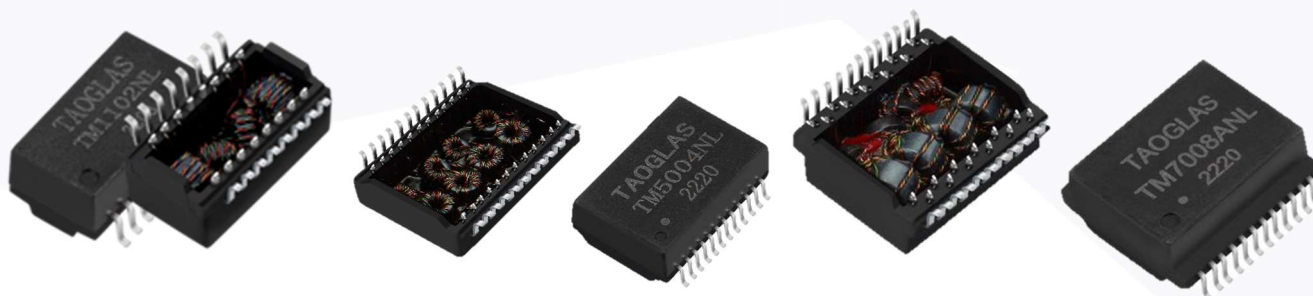


LAN Transformers

Delivering Digital Transformation
TM Series



Product description

The Taoglas TM Series with over 15+ years of LAN magnetics design and manufacturing experience from its team, is providing services to customers with a wide range of applications such as: Networking and Interconnect Devices, Servers, Switches, Router, Communication systems and any Digital Consumer electronics.

The Taoglas TM Series offer an extensive product line of LAN Transformers designed for commercial and industrial grade applications, supporting 10/100 Base-T, 1G Base-T and 10G Base-T. The Taoglas TM series includes Single, Dual, and Quad configurations not only for standard applications but also for Power over Ethernet (PoE, PoE+, PoE++).

Features

- 10/100 Base-T, 1G, 10G
- 0°C ~ +70°C ; -40°C ~ +85°C
- IEEE802.3 Compliant & UL Certified
- Low profile package in 10/100 & 1G
- AECQ Battery Management
(special application)

Benefits

- Superior EMI suppression
- Wide selection on package size
- Max. reflow temperature 245°C
- Designed for leading PHY IC manufacturers

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Target Applications



Gateways
Modems
Remote-powering
Machinery



Security Systems
Video Game Systems
Industrial PCs
Laptops



Mother board
Network solutions
5G deployments



Servers
Routers
Switches
Robotics



Analysis equipment
Mass Spectrometers

TM Series, by application:

10/100 Base-T

Taoglas P/N	Description
TM1102NL	LAN Transformer, 10/100 Base-T, Single Port, 16pin, AutoMDIX, CMC/Cable, Commercial
TM1188NL	LAN Transformer, 10/100 Base-T, Single Port, 16pin, AutoMDIX, CMC/Cable, Industrial
TM1198NL	LAN Transformer, 10/100 Base-T, Single Port, 16pin, AutoMDIX, CMC/Phy, Industrial
TM1234NL	LAN Transformer, 10/100 Base-T, Quad Port, 40pin, AutoMDIX, CMC/Cable, Industrial
TM2019ANL	LAN Transformer, 10/100 Base-T, Single Port, 16pin, PoE+(720mA), Industrial
TM41606ANL	LAN Transformer, 10/100 Base-T, Single Port, 16pin, PCMCIA, Industrial
TM42430ANL	LAN Transformer, 10/100 Base-T, Single Port, 24pin, PoE, 3Wire/Cable, Industrial

1G Base-T

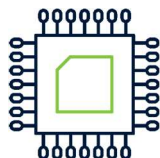
Taoglas P/N	Description
TM5004NL	LAN Transformer, 1G Base-T/1000 Base-T, Single Port, 24pin, AutoMDIX, Industrial
TM5007NL	LAN Transformer, 1G Base-T/1000 Base-T, Single Port, 24pin, AutoX'fmr, Commercial
TM5008ANLE	LAN Transformer, 1G Base-T/1000 Base-T, Single Port, 24pin, AutoX'fmr, Industrial
TM5020NLR	LAN Transformer, Dual 1G Base-T, Dual Port, 50pin, AutoMDIX, Industrial
TM82440ANL	LAN Transformer, 1G Base-T/1000 Base-T, Single Port, 24pin, AutoMDIX, Industrial
TM82453NL	LAN Transformer, 1G Base-T/1000 Base-T, Single Port, 24pin, AutoMDIX, PCMCIA, Commercial

10G Base-T

Taoglas P/N	Description
TM7008ANL	LAN Transformer, 10G Base-T, Single Port, 24pin, PoE+ (600mA@57V), Industrial
TM7008NL	LAN Transformer, 10G Base-T, Single Port, 24pin, PoE+ (600mA@57V), Commercial

AECQ Battery Management

Taoglas P/N	Description
TM40601ANL	Transformer + CMC (Battery Management System XFMR), 6pin, Industrial
TM41229ANL	Transformer + CMC (Battery Management System XFMR), 12pin, Industrial



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