

PRODUCT GUIDE

**To provide comprehensive solutions
and serialized products for customers**

To become a trusted partner of customers
To create a stage for employees to achieve personal value



www.jansum-electronics.com



About Jansum Electronics

Jansum Electronics Dongguan Co.,Ltd. is located in Changping Town, Dongguan City. We are a company specializing in R&D, manufacturing and sales of Ethernet transformer, Telecom transformer, Choke coils, Inductors, Power transformer, Planar transformer, Chip Lan magnetics, xDSL/T1/E1 transformer, Solar inverter inductor, and other magnetic components. The products sell well at home and abroad, and are exported to Europe, America, Southeast Asia, Middle East, Australia and other markets, and provide OEM/ODM services for domestic and foreign customers. We have such a full range of products categories, stable performance, and cost-effective, that we have received consistent praise from customers. Our products are widely used in network switches, routers, ADSL, optic modem, set-top boxes, TV, monitoring equipment, network players, smart home, solar power inverter, EV charging equipment and other industries.

Jansum Electronics adheres to the people-oriented, integrity-based, professional first, continuous innovation and harmonious development as a guide. Our mission is to provide comprehensive solutions and serialized products for customers, to become a trusted partner of customers, and to create a stage for employees to achieve personal value. Our Vision is to become the supplier of choice for magnetics components solutions. At the same time, we have been participating in social public welfare work and do our best to help those in need.

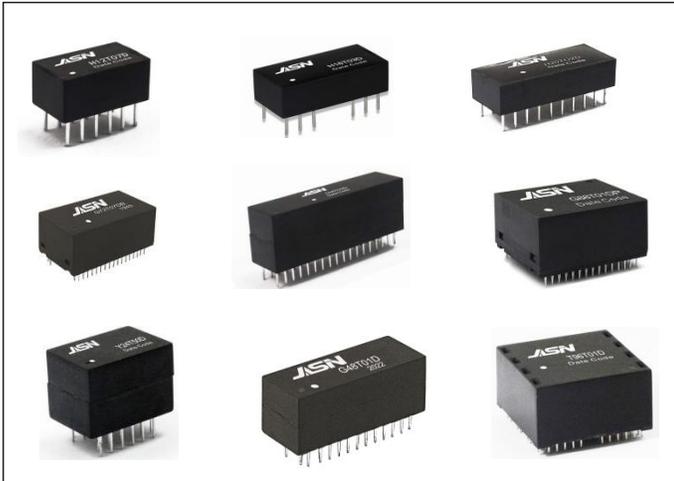
China Magnetic Components Solutions |

Magnetics Modules, New Energy Magnetics, ICMs, Chip Lan

Magnetics, Inductor, Telecommunication & Power Transformer

Magnetics Modules

100Base-T / 1000Base-T / 2.5GBase-T / 5GBase-T / 10GBase-T



Magnetics Modules, DIP series
 10/100 Base-T, 1000Base-T, 2.5GBase-T
 Single Port, Dual Port, Quad Port

Features

- ◆ Compliant with IEEE 802.3 standards.
- ◆ Comply with RoHS requirement.
- ◆ Higher Reliability.
- ◆ High Isolation up to 6kV.
- ◆ Non-PoE, PoE, PoE+, 4PPoE options.

Number of Pins

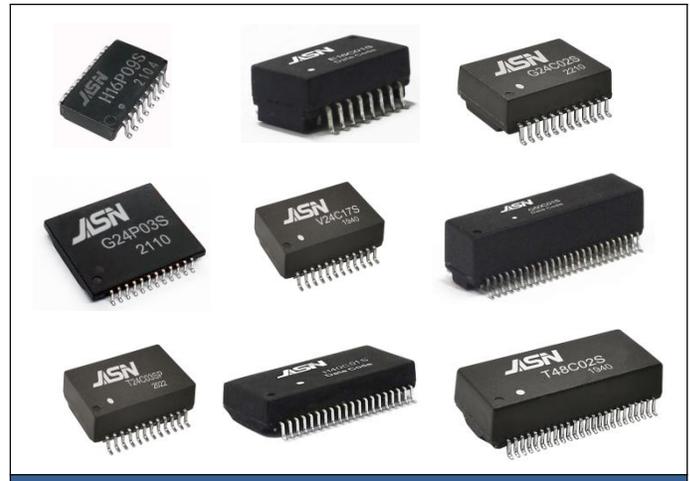
- ◆ 12, 16, 20, 24, 36, 48, 72, 88, 96

Environment

- ◆ Operating Temp: 0°C to +70°C (Commercial)
 -40°C to +85°C (Industry)
- ◆ Storage Temp: -25°C to +125°C (Commercial)
 -40°C to +125°C (Industry)

Packing

- ◆ Tube



Magnetics Modules, SMD series
 10/100 Base-T, 1000Base-T, 2.5G/5GBase-T, 10G Base-T
 Single Port, Dual Port

Features

- ◆ Compliant with IEEE 802.3 standards.
- ◆ Comply with RoHS requirement.
- ◆ Higher Reliability.
- ◆ High Isolation up to 6kV.
- ◆ Non-PoE, PoE, PoE+, 4PPoE options.

Number of Pins

- ◆ 16, 24, 40, 48, 50

Profile

- ◆ Standard/Low-Profile

Environment

- ◆ Operating Temp: 0°C to +70°C (Commercial)
 -40°C to +85°C (Industry)
- ◆ Storage Temp: -25°C to +125°C (Commercial)
 -40°C to +125°C (Industry)

Packing

- ◆ Tube
- ◆ Tape&Reel

Integrated Connector Modules(RJ45)

1X1 series, 1XN series, 2XN series



ICMs RJ45, 1X1 series

10/100 Base-T, 1000Base-T,
2.5G/5GBase-T, 10GBase-T

Features

- ◆ Compliant with IEEE 802.3 standards.
- ◆ Comply with RoHS requirement.
- ◆ Higher Reliability.
- ◆ Non-PoE, PoE options.
- ◆ LED, without LED options.

Profile

- ◆ Standard/Low-Profile

Environment

- ◆ Operating Temp:
0°C to +70°C (Commercial)
-40°C to +85°C (Industry)
- ◆ Storage Temp:
-25°C to +125°C (Commercial)
-40°C to +125°C (Industry)

Packing

- ◆ Tray



ICMs RJ45, 1XN series

10/100 Base-T, 1000Base-T,
2.5G/5GBase-T, 10GBase-T

Features

- ◆ Compliant with IEEE 802.3 standards.
- ◆ Comply with RoHS requirement.
- ◆ Higher Reliability.
- ◆ Non-PoE, PoE options.
- ◆ LED, without LED options.

Number of Ports

- ◆ 1X2, 1X4, 1X6, 1X8

Profile

- ◆ Standard/Low-Profile

Environment

- ◆ Operating Temp:
0°C to +70°C (Commercial)
-40°C to +85°C (Industry)
- ◆ Storage Temp:
-25°C to +125°C (Commercial)
-40°C to +125°C (Industry)

Packing

- ◆ Tray



ICMs RJ45, 2XN series

10/100 Base-T, 1000Base-T,
2.5G/5GBase-T, 10GBase-T

Features

- ◆ Compliant with IEEE 802.3 standards.
- ◆ Comply with RoHS requirement.
- ◆ Higher Reliability.
- ◆ Non-PoE, PoE options.
- ◆ LED, without LED options.

Number of Ports

- ◆ 2X1, 2X2, 2X4, 2X6, 2X8

Environment

- ◆ Operating Temp:
0°C to +70°C (Commercial)
-40°C to +85°C (Industry)
- ◆ Storage Temp:
-25°C to +125°C (Commercial)
-40°C to +125°C (Industry)

Packing

- ◆ Tray

New Energy Magnetics

BMS signal transformer, Planar transformer, Solar inverter inductance



BMS Signal Transformer

Features

- ◆ Supports major BMS isolation and EMI solutions
- ◆ Supports serial Daisy Chain isoSPI, SPI and other signal isolation
- ◆ Operational temperature ranges from -40C up to +150C
- ◆ Multiple options covering 600Vdc - 1600Vdc working voltages
- ◆ Hi-Pot: 4300VDC or higher
- ◆ AEC-Q200 Compliant
- ◆ RoHS Compliant

Number of Pins

- ◆ 6, 12

Environment

- ◆ Operating Temp: -40°C to +125°C
- ◆ Storage Temp: -50°C to +125°C

Packing

- ◆ Tape&Reel



Planar Transformer

Features

- ◆ Full bridge.
- ◆ Power range: 200W~1200W.
- ◆ Comply with RoHS requirement.

Application

- ◆ Charging Pile, Communications Power Supply, Secondary Power Supply, New Energy Vehicles, military high-voltage power supply.

Environment

- ◆ Operating Temp: -40°C to +125°C
- ◆ Storage Temp: -40°C to +125°C

Packing

- ◆ Tray
- ◆ Foam



Solar inverter Inductance

Features

- ◆ High efficiency.
- ◆ Comply with RoHS requirement.
- ◆ Higher Reliability.

Application

- ◆ PV, Inverter, Solar Energy

Environment

- ◆ Operating Temp: -40°C to +125°C
- ◆ Storage Temp: -50°C to +125°C

Packing

- ◆ Tray
- ◆ Customized

More Other Magnetic Components

Chip Lan, Inductor, Telecommunication & Power Transformer



Chip Lan

1000Base-T, 2.5GBase-T
5GBase-T, 10GBase-T

Solutions

- ◆ X'fmr+CMC Solution
- ◆ Cap+CMC Solution

Number of Pins

- ◆ 4, 8

Environment

- ◆ Operating Temp: -40°C to +85°C
- ◆ Storage Temp: -40°C to +125°C

Packing

- ◆ Tape&Reel



Inductors

- ◆ Flat Common Mode Inductor
- ◆ Toroidal Inductor
- ◆ Bar Ferrite Inductor
- ◆ Air Core Inductor



Telecom & Power Transformer

- ◆ DC/DC transformer
- ◆ xDSL Transformer
- ◆ T1/E1 Transformer
- ◆ Isolation Transformer

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- *Concept innovation is the guide*
- *Strategic innovation is the direction*
- *Organizational innovation as a guarantee*
- *Technological innovation as a means*
- *Market innovation is the goal*



For more information please contact us:

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