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<http://www.hanrun.com>

# 汉仁科技

## 欢迎您

### Welcome to HanRun

**HanRun**



# 中山市汉仁电子有限公司

## HanRun Electronics Company Limited



- Privately Held Company
- Established in September, 1999
- Founder: Mr. Chen ZePing and Mr. Liao YaoXuan

<http://www.hanrun.com>

**HanRun**



# 中山市汉仁电子有限公司

## HanRun Electronics Company Limited



- Headquarter & Manufacturing plant located in XiaoLan town, Zhongshan city, GuangDong Province, China
- Own factory building area: 13,000 square meters
- Employees: around 850

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**HanRun**

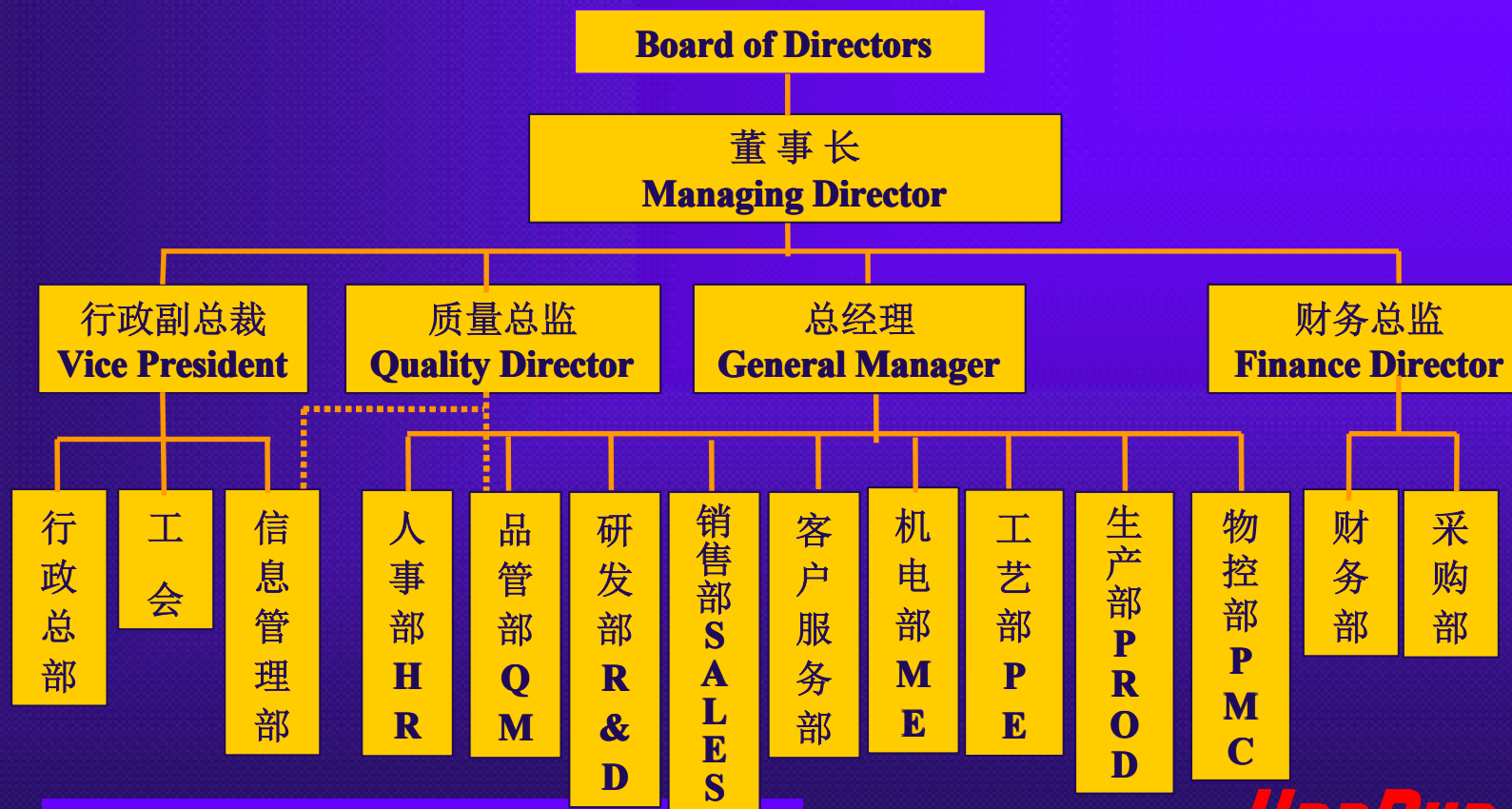




# 中山市汉仁电子有限公司

## HanRun Electronics Company Limited

### Organization Chart



<http://www.hanrun.com>

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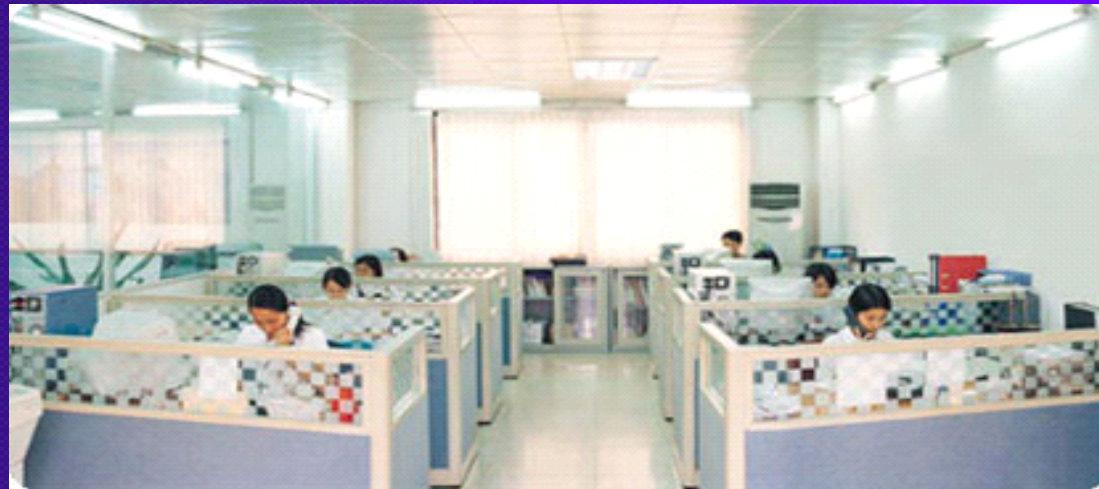




# 中山市汉仁电子有限公司

## HanRun Electronics Company Limited

市场部 Marketing and Sales DEPT



- Providing quality, timely and flexible service to satisfy our customers' needs
- Markets: Overseas 60%, Mainland of China 40%

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# 中山市汉仁电子有限公司

## HanRun Electronics Company Limited

### 主要客户    **Main Customer**

#### Domestic Customers

新会ABB in XinHui

国电南瑞 NARI

霍尼威尔 Honeywell

京信通信 Comba

烽火通信 FiberHome

北京四方继保

海康威视 HIKVISION

株洲中车 CSR Zhuzhou

#### Overseas Customers

Duratel S.p.A. in Italy

Shure Inc. in USA

Emerson

MEV Elektronik in Germany

SONOS Inc in USA

RAD in Israel

YAMAHA

Harman

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# 中山市汉仁电子有限公司

## HanRun Electronics Company Limited

研发/工程

### R&D / Engineering

- Over 20 experienced Engineers
- Work closely with customers on new design and cost reduction solutions
- Short sample lead time usually 1-2 weeks
- Design guidelines and requirements are properly made by AUTO-CAD, 3D mechanical design software and documented, and are used uniformly as standard for sample making and production requirements



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# 中山市汉仁电子有限公司

## HanRun Electronics Company Limited

研发/工程

### R&D / Engineering

- well equipped with advanced test equipment:
  - Agilent 4395A Network / Spectrum Impedance Analyzer
  - Wayne Kerr 3265B/3260B high DC bias current & precision magnetic analyzer,
  - Agilent HP8712C / HP8712ET Network Analyzer
  - High temperature test chamber



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# 中山市汉仁电子有限公司

## HanRun Electronics Company Limited

### Manufacturing



- All production operations are covered by written instructions.
- Strict and systematic training program for every operator

- Operators: over 700
- Monthly production capacity:
  - LAN Transformers: 2600Kpcs
  - RJ45 Connectors: 1800Kpcs
  - Other Transformer/Filter: 1400Kpcs



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# 中山市汉仁电子有限公司

## HanRun Electronics Company Limited

### Manufacturing



All HanRun products are 100% tested with Computer Aided Test system



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# 中山市汉仁电子有限公司

## HanRun Electronics Company Limited

### Manufacturing



For LAN / Ethernet transformers:

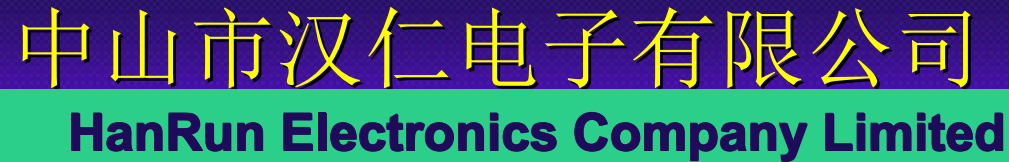
Wire twisting and toroid winding by machines instead of manual operation, ensure the electrical consistency for all products

For SMD components:

The coplanarity of all pins are checked by machines, avoid the soldering problem



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# 质量控制 Quality Control

- ISO-9001:2000 registered by DNV in 2001
- ISO14001:2004 registered in July of 2006
- Strictly follow 4M ( Man, Machine, Material, Method ) change procedure
- Corrective system to prevent some quality problems recurrence
- Periodic Internal Quality Audits
- Supplier Survey each Quarter

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# HanRun



# 中山市汉仁电子有限公司

## HanRun Electronics Company Limited

质量控制

### Quality Control

Green parts Control

- All parts are RoHS compliant, and REACH compliant
- Inhouse X-ray instrument SEA1000A to inspect the hazardous substances for every lot incoming material
- Submit parts to the third party SGS to inspect once a year



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# 中山市汉仁电子有限公司

## HanRun Electronics Company Limited

质量控制

### Quality Control

➤ Equipments for Flammability test, Temperature cycle, Salty spray



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中山市汉仁电子有限公司

HanRun Electronics Company Limited

质量控制

**Quality Control**

➤ Equipments for Steam Aging, Vibration and Durability test



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中山市汉仁电子有限公司

HanRun Electronics Company Limited

## 主要产品 Major Products

- ◆ Discrete Ethernet (LAN) Transformer Modules
- ◆ RJ45 Connectors integrated with LAN Filter/Transformer
- ◆ SMPS Transformer (PoE power supply) / Common Mode Choke
- ◆ Signal coupling transformers for PLC, xDSL, ISDN, Modem
- ◆ xDSL SPLITTER (Filter) / G.Fast Splitter

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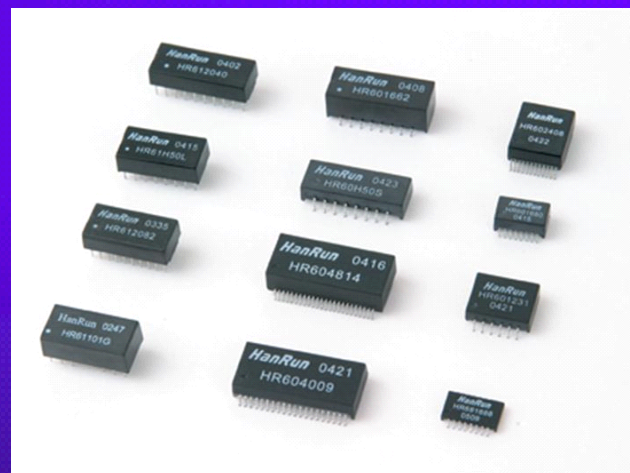
## HanRun Electronics Company Limited

### 10/100/1000 BASE-T Transformer Modules

### 10G / HD Base-T Transformer

For Ethernet Networking application(10BaseT, 10/100Base-Tx, 1000Base-T NIC, HUB, Switch and Routers), ATM, and Voice over IP application, IP Camara, Smart Meters, Set-top Box, Servo

应用于网卡, 集线器, 交换机, 路由器, 嵌入式系统, VoIP, 工控, 安防, 智能仪表, 机顶盒, 柜员机, 电脑等需要网络通信的设备中



**UL FILE# E330599**

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# 中山市汉仁电子有限公司

## HanRun Electronics Company Limited

**RJ45 内含网络变压器**

**RJ45 Connector with Integrated Magnetics inside**



- **UL FILE# E330599**
- **High performance for maximum EMI suppression**
- **Conserves Minimizing PCB space**
- **Simplest magnetic component to place and route on PCB**

应用于网卡,集线器,交换机,路由器,嵌入系统以及VOIP/PoE等网络通信设备.

For Ethernet Networking application(10BaseT,10/100Base-Tx, 1000Base-T NIC, HUB, Switch and Routers), ATM, voice over IP and Power over Ethernet application, Embeded system.

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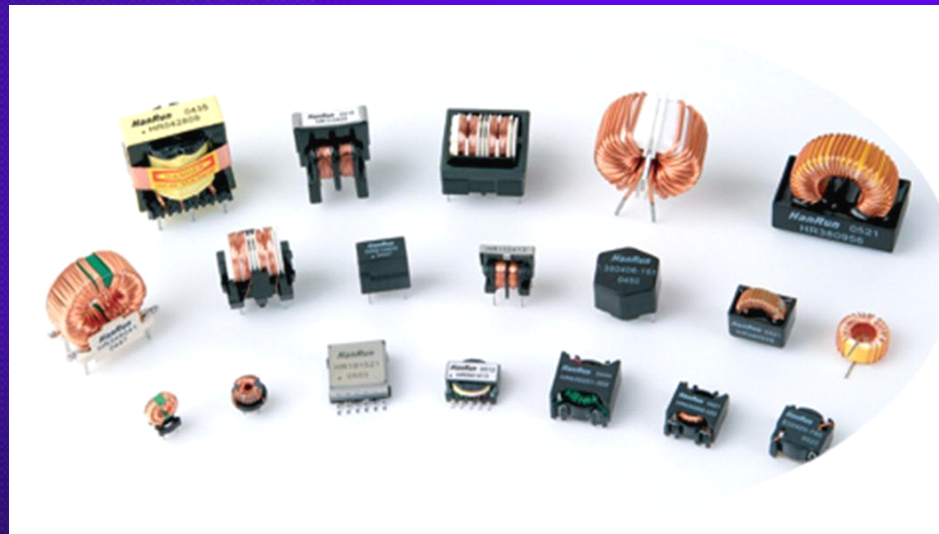
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**SMPS Transformers / 开关电源变压器**

**(for PoE Power Supply)**

**Common Mode Choke / 共模电感**

**EF, EE, EFD, ETD, RM, RING CORE, DRUM CORE SERIES**



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**HanRun**



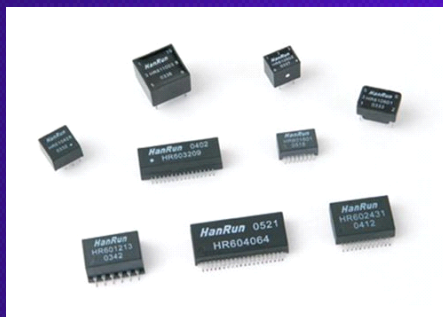


中山市汉仁电子有限公司

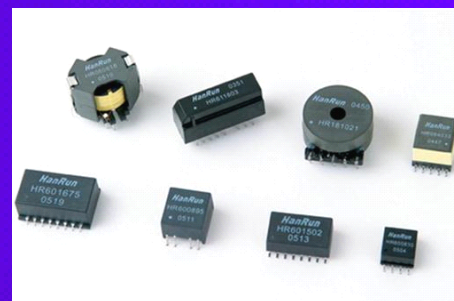
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Signal coupling transformer

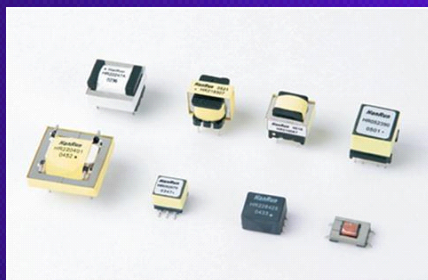
(for PLC, xDSL, ISDN, Modem, and Microphone)



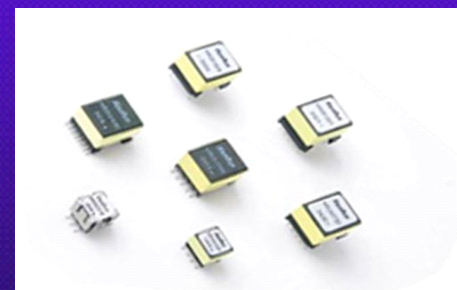
Coupling transformer for PLC  
(Power Line Communication)



ISDN interface transformer



Audio transformer



xDSL interface transformer

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xDSL 局端滤波器, 用户端分离器

**xDSL Splitter Modules used for DSLAM & CPE**

**LC Filter to separate data signal and voice signal**



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中山市汉仁电子有限公司

HanRun Electronics Company Limited

### Our Strong Points:

Full line of transformers, RJ45 connectors with magnetics inside, filters/splitter and inductors meet various application of Ethernet, Telecom and Power Supply

Short lead time and Quick response time to critical deliveries

Total Customer Satisfaction is our commitment

<http://www.hanrun.com>

**HanRun**





中山市汉仁电子有限公司

HanRun Electronics Company Limited

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中山市汉仁电子有限公司

HanRun Electronics Company Limited

HanRun will provide you with best service and high quality products at the lowest possible cost and short lead time.

It is a good choice to select HanRun as your partner!

THANKS

<http://www.hanrun.com>

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