

PRODUCT BROCHURE

A world leading supplier of power
electronics and solutions with inter-
national competitiveness.

About Us

Shenzhen Honor Electronic Co., Ltd., founded in 1996 and headquartered in Shenzhen, China, The Company was listed on the ChiNext Market of the Shenzhen Stock Exchange in 2020 with the stock code of 300870.SZ, is a leading provider of power electronics technology solutions worldwide.

Honor strives to be a globally competitive provider of power electronics products and solutions and holds commitment of leading the industry and establishing itself as a world-renowned brand. It provides green and efficient power electronics technology solutions for the Internet, data center, communication, information security, intelligent security, consumer electronics, new energy, home appliances and many other industry partners.

- Pursuing technology-driven development, continuously enhancing innovation and R&D capabilities.
- Sustaining leadership in technology, pioneering advancements in the power electronics industry.
- Expanding globally through innovation, infusing greater vitality into both customers and the industry.



Strong Technical Background

Specialize in the power electronics industry for over 28 years



Product Diversification

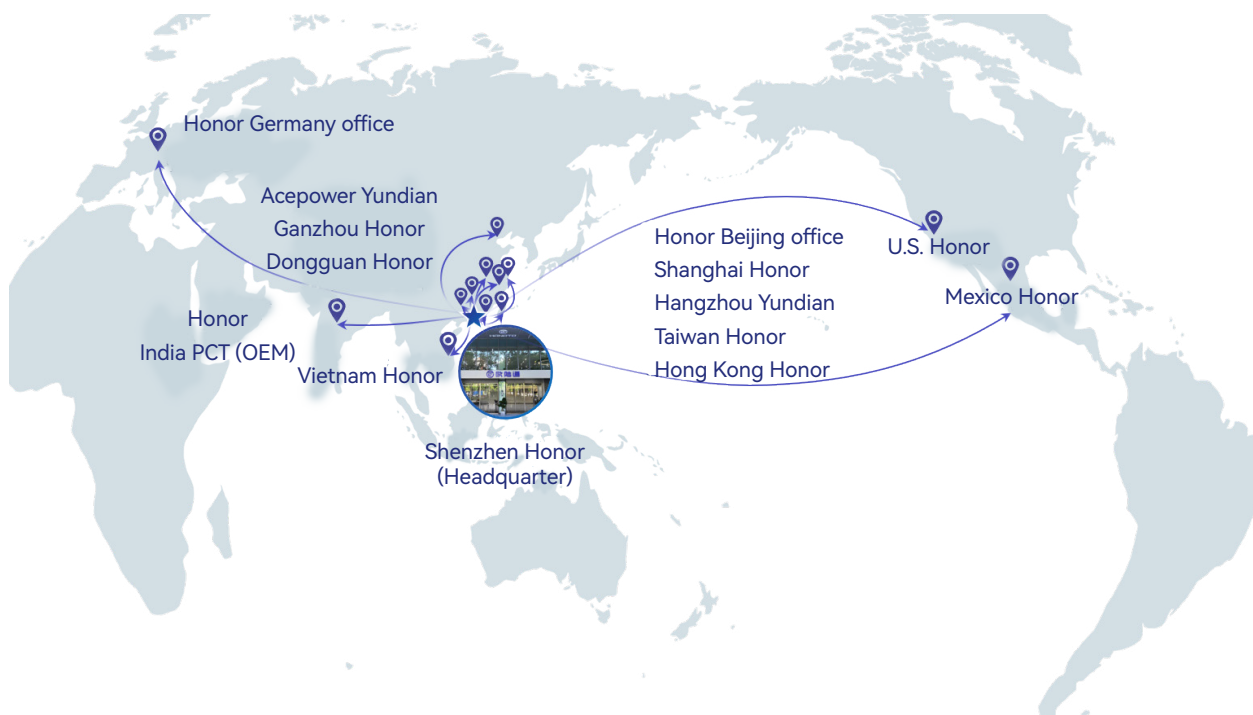
Provide reliable, intelligent, high-efficiency, and high-density power electronics



Global Business Service

Over 6,000+ employees and 600+ R&D professionals worldwide

Global Strategic Layout







Product Lines and Application Fields

01 / Consumer Power Supplies

-  Office Electronics
-  Security Surveillance
-  Smart Home
-  Network Communication
-  New-Type Consumer Electronics Devices
-  Household Electric Appliances

02 / Industrial Power Supplies

-  5G Base Stations
-  Switches
-  Firewalls
-  Gateways
-  Network Isolators
-  Network Monitoring Equipment
-  Industrial Control Computers





03 / Data Center Power Supplies

-  Data Centers
-  General Servers
-  AI Servers
-  Liquid-Cooled Servers
-  Storage Devices







04 / Transportation Tool Chargers

-  Electric Bicycles
-  Electric Motorcycles
-  Battery Swap Stations









05 / Power Battery Chargers

-  Garden Tools
-  Power Tools
-  Household Electric Appliances
-  Large Unmanned Aerial Vehicles (UAVs)

06 / Din Rail / Photovoltaic Power Supplies

-  Building Control
-  Industrial Control Equipment
-  Factory Automation
-  Photovoltaic Inverters
-  Solar Trackers
-  Energy Storage Systems

07 / Smart Controller

-  Refrigerator
-  Air Conditioner
-  Washing Machine / Dryers
-  Kitchen Appliances
-  Environmental Appliances
-  Cleaning Appliances
-  Living appliances
-  Sterilizer

07

SMART CON- TROLLER

07 Smart controller

Smart Controller/Home Appliances

- White home appliance: refrigerator/air conditioner/washing machine;
- Home appliances: kitchen appliances (oven/dishwasher/range hood)/ environmental appliances (air purifier/new fan)/cleaning appliance (cleaning machine/vacuum cleaner)/living appliance (water dispenser/water purifier/coffee machine)
- Touch screen+intelligent control appliances, etc

Category: Refrigerator

PCBA control board, used in refrigeration equipment freezer, refrigerator, etc. (air cooling, direct cooling)

Main functions

- BLDC frequency conversion control
- Paired with WIFI communication
- Integrated design
- Temperature control

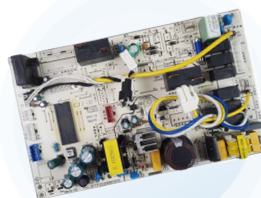


Category: Air Conditioning

PCBA control board, used in all kinds of household air conditioning (wall-mounted, vertical cabinet, window), commercial air conditioning, central air conditioning, etc

Main functions

- Frequency conversion
- Cold and warm air
- Dehumidification
- Direct current fan (external fan)
- WIFI communication
- Temperature and humidity detection
- Multichannel control

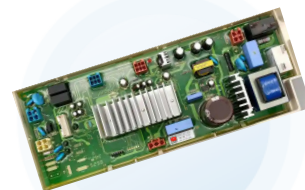


Category: Washing machines /Dryers

PCBA control board for all types of washing machines (wheel, drum)

Main functions

- BLDC variable frequency motor control
- Scheduled timing
- Washing and drying



Category: Kitchen appliances

PCBA control board, used in desktop, trough dishwashers, etc

Main functions

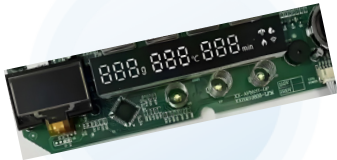
- Multi-mode
- Disinfectiondrying
- Efficient water-saving
- Scheduled cleaning



PCBA control board, used in ovens, air fryers, etc

Main functions

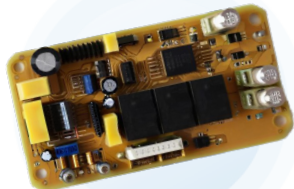
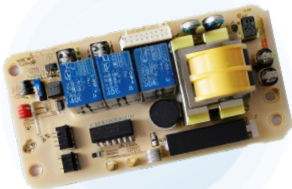
- Multiprobe temperature measurement
- control (algorithmic compensation)
- Precise temperature
- Touch display



PCBA control board, used in range hoods, blowers, etc

Main functions

- Multi-gear control
- Circuit protection
- Gesture sensing

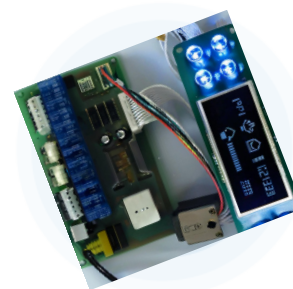


Category: Environmental appliances

PCBA control board, used in air purifiers, new fans, etc

Main functions

- Screen display
- Fan driven
- Air detection
- Temperature and humidity detection

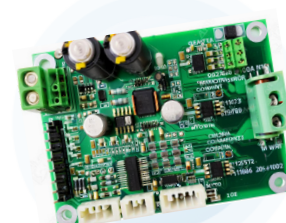


Category: Cleaning appliances

PCBA control board, used in handheld, push-rod vacuum cleaners, sweepers, etc

Main functions

- Drive control
- BMS/ Circuit protection
- Multi-gear control
- 8-string battery

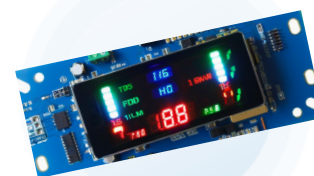


Category: Household appliances

PCBA control board, used in water purifiers, water dispensers, commercial models, household models

Main functions

- Thick film heating
- NB-IoT/wifi networking communication
- Human-computer interaction
- Screen display/touch control



Category: Sterilizer

PCBA control board, Suitable for wardrobe, shoe cabinet, cabinet, etc

Main functions

- Ultrasonic wave
- Dehumidification
- Deodorization
- UV sterilization
- Anion
- WIFI communication
- Temperature and humidity detection



Garden/Power Tool Intelligent Controller

Efficient conversion, smart battery management



Hand Saw

Features

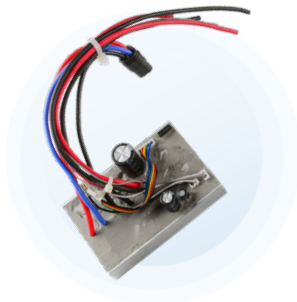
- 3-Proofing (mold, moisture, salt mist)
- Long life
- High-Efficiency

No.	Application	Type	Voltage	Battery Type	AC/DC	Power	Soft Start	Dimension(D*W*H)
1	Electrical Tools	Brushless	18V	Lithium Battery	DC	400W	Y	71*45*15(mm)

PCBA1

Features

- 3-Proofing (mold, moisture, salt mist)
- Long life
- High-Efficiency



No.	Application	Series	Part No.	AC/DC	Power	Reversing Function	Braking Function	Dimension(D*W*H)
2	Garden Tools	PCBA	PCBA1	DC	80W	N	N	95*62*44(mm)

PCBA2

Features

- Electrical Tools BMS control board
- High-Efficiency
- 3-Proofing (mold, moisture, salt mist)
- Long life



No.	Application	Series	Part No.	AC/DC	Power	Reversing Function	Braking Function	Dimension(D*W*H)
3	Electrical Tools	BMS control board	PCBA2	DC	216W	N	N	155*65*46(mm)

PCBA3

Features

- Electrical Tools BMS control board
- 3-Proofing (mold, moisture, salt mist)
- High-Efficiency
- Long life



No.	Application	Series	Part No.	AC/DC	Power	Reversing Function	Braking Function	Dimension(D*W*H)
4	Electrical Tools	BMS control board	PCBA3	DC	160W	N	N	158*50*18(mm)

PCBA4

Features

- 3-Proofing (mold, moisture, salt mist)
- High-Efficiency
- Long life



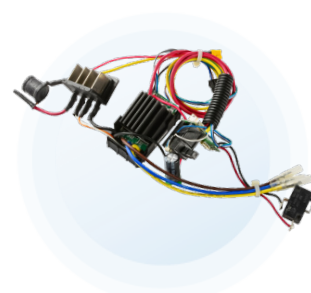
No.	Application	Series	Part No.	AC/DC	Power	Reversing Function	Braking Function	Dimension(D*W*H)
5	Electrical Tools	Brushless and hall-free sine wave controller	PCBA4	DC	1000W	N	N	74*50*20(mm)



PCBA5



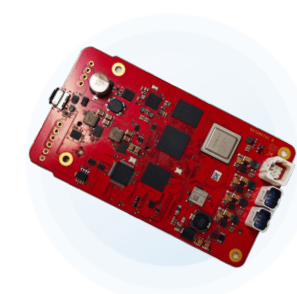
PCBA6



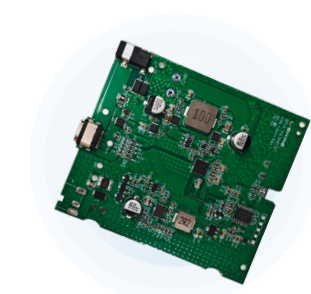
PCBA7



PCBA8



PCBA9



PCBA10



Company: Shenzhen Honor Electronic Co., Ltd
Add: No.19, Building 1, Southern Airlines
Mingzhu Garden, No.175, Hangcheng Avenue,
Sanwei Community, Baoan District, Shenzhen
Phone: +86 755 3385 7166
URL: www.aspower.ltd

07
Smart controller