

河源创基电子科技有限公司

Heyuan China Base Electronics Technology Co.,Ltd.



CHINA BASE
INTERNATIONAL

公司简介
Introduction





CHINA BASE
INTERNATIONAL

Factory
planning
renderings

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Creation the first base

China Base Electronic Technology Limited (the original company name is "China Base International Enterprises Limited" was established in August 2014), located in TML Tower, Nos 3, Hoi Shing Road, Tsuen Wan , Hong Kong. The main business is sales the "CBI" brand full range of products and on behalf of the processing of Diodes, Transistors to all parts in China and exported to overseas areas. At present, the exporting regions are Singapore, Malaysia, Thailand, Japan , Taiwan and South Korea.

Independent Plant for production

Heyuen China Base Electronic Technology Co Ltd was established in 2016, located in Longjiang County, Guangdong Province, Longchuan County Dengyun Town Longchuan Industrial Park 10 - 4. The architectural area covers around 60 acres in total. The main business and activities are R&D, design, manufacturing , sales & marketing of "CBI" brand products. The products of CBI is including wide range of Diodes, Transistors , : SOD123, SOD323, SOD523, SOD723, SOD923, SOT23, SOT23-3L, SOT23-5L , SOT23-6L, SOT89, SOT323, SOT353, SOT363, SOT523, SOT553, SOT563 and PDFN etc. current capacity up to 700KKpcs/month.

Development of Company

China Base Electronic Technology Co Ltd ("CBI") is growing dramatically with own brand [CBI] series, the products range have been widely applied in various household appliances, electronic toys digital products, office equipment, communication equipment, notebook computers, switching power supply, backlight, LED light bulbs, street lighting system. CBI is strictly accordance with the quality management system for all types of supervision. Products meet the international standard such as EU environmental certification. The brand is well recognized and obtains good credibility in overseas market of Southeast Asia. The core operation principle of CBI is "Top priority on high quality, service and customer oriented". We continuously develop our competence on technology, quality, innovation of products and service to create competitiveness and values to our customers and partners.

Quality assurance

We have a number of experienced electronic engineers, transformation of automated production equipment, most of which automated production equipment is independent research and development , production technology to make products more stable and reliable, in the industry occupation of the initiative.



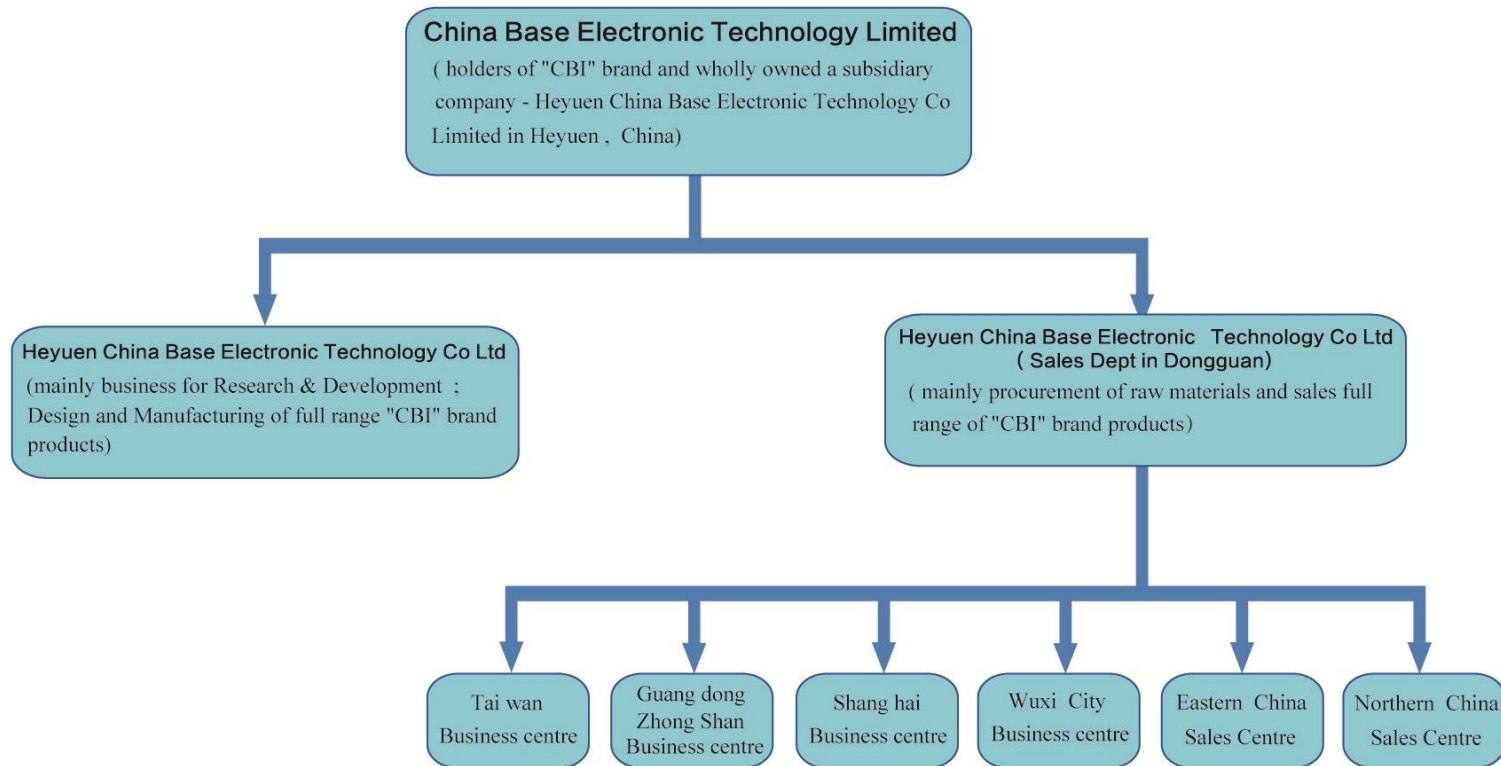
创基与你
携手创未来

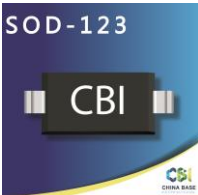






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Factory
Real
scenes











Product Category	Product packaging	Monthly production Capacity / PCS	Product Image
Diodes	SOD-123	100KK	
Diodes	SOD-323	100KK	
Diodes	SOD-523	180KK	
Diodes/Transistor	SOT-23	500KK	
Diodes/Transistor	SOT-23-3L	30KK	

Product Category	Product packaging	Monthly production Capacity / PCS	Product Image
Diodes/Transistor	SOT-23-5	30KK	 The image shows a black SOT-23-5 package with five pins. The text 'SOT-23-5' is at the top, 'CBI' is in the center, and the 'CBI CHINA BASE' logo is at the bottom right.
Diodes/Transistor	SOT-23-6	30KK	 The image shows a black SOT-23-6 package with six pins. The text 'SOT-23-6' is at the top, 'CBI' is in the center, and the 'CBI CHINA BASE' logo is at the bottom right.
Diodes/Transistor	SOT-89	60KK	 The image shows a black SOT-89 package with three pins. The text 'SOT-89' is at the top, 'CBI' is in the center, and the 'CBI CHINA BASE' logo is at the bottom right.
Diodes/Transistor	SOT-323	60KK	 The image shows a black SOT-323 package with three pins. The text 'SOT-323' is at the top, 'CBI' is in the center, and the 'CBI CHINA BASE' logo is at the bottom right.
Diodes/Transistor	SOT-353	60KK	 The image shows a black SOT-353 package with three pins. The text 'SOT-353' is at the top, 'CBI' is in the center, and the 'CBI CHINA BASE' logo is at the bottom right.

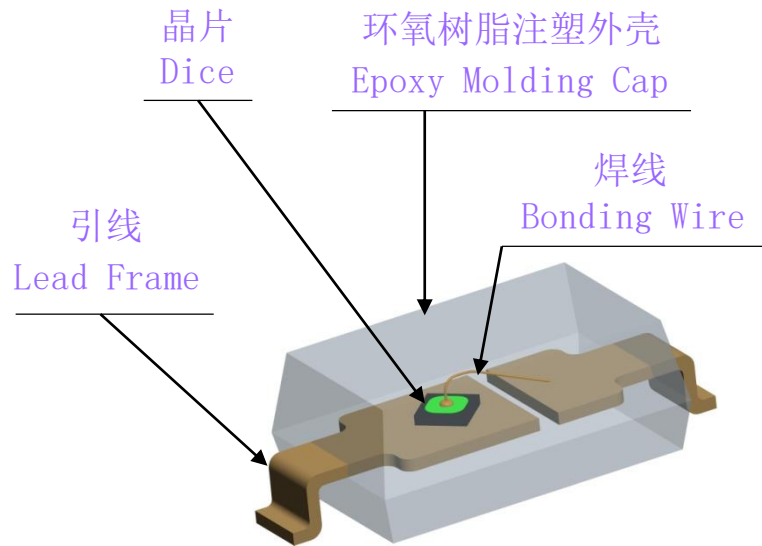
Product Category	Product packaging	Monthly production Capacity / PCS	Product Image
Diodes/Transistor	SOT-363	60KK	 <p>SOT-363 CBI CHINA BASE</p>
Diodes/Transistor	SOT-523	60KK	 <p>SOT-523 CBI CHINA BASE</p>
Diodes/Transistor	SOT-553	60KK	 <p>SOT-553 CBI CHINA BASE</p>
Diodes/Transistor	SOT-563	60KK	 <p>SOT-563 CBI CHINA BASE</p>

Product Category	Product packaging	New Product Planing	Product Image
Diodes	SOD-723	To be determined	 <p>SOD-723</p> <p>CBI</p> <p>CHINA BASE INTERNATIONAL</p>
Diodes	SOD-923	To be determined	 <p>SOD-923</p> <p>CBI</p> <p>CHINA BASE INTERNATIONAL</p>
Diodes/Transistor	SOT-723	To be determined	 <p>SOT-723</p> <p>CBI</p> <p>CHINA BASE INTERNATIONAL</p>

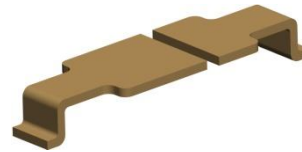
Product Category	Product packaging	New Product Planing	Product Image
Diodes/Transistor	SOT-923	To be determined	
PDFN	3.3 * 3.3mm	To be determined	
PDFN	5 * 6mm	To be determined	

SOD DIODES

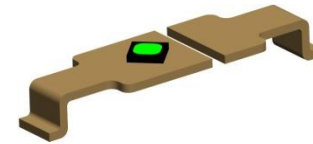
Schematic



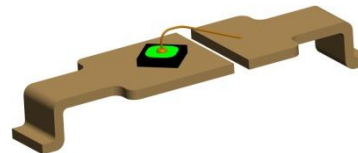
Assembling Process



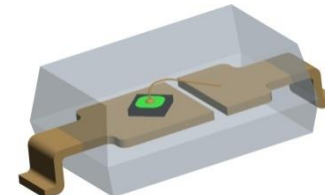
步骤一 Process One



步骤二 Process Two



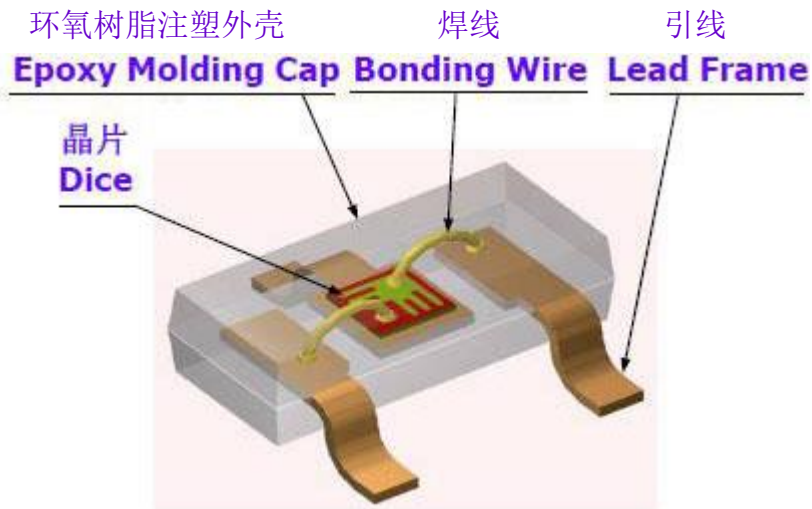
步骤三 Process Three



步骤四 Process Four

SOT DIODES & TRANSISTORS

Schematic



Assembling Process



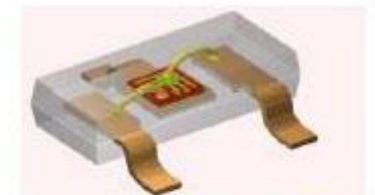
步骤一 Process One



步骤二 Process Two



步骤三 Process Three

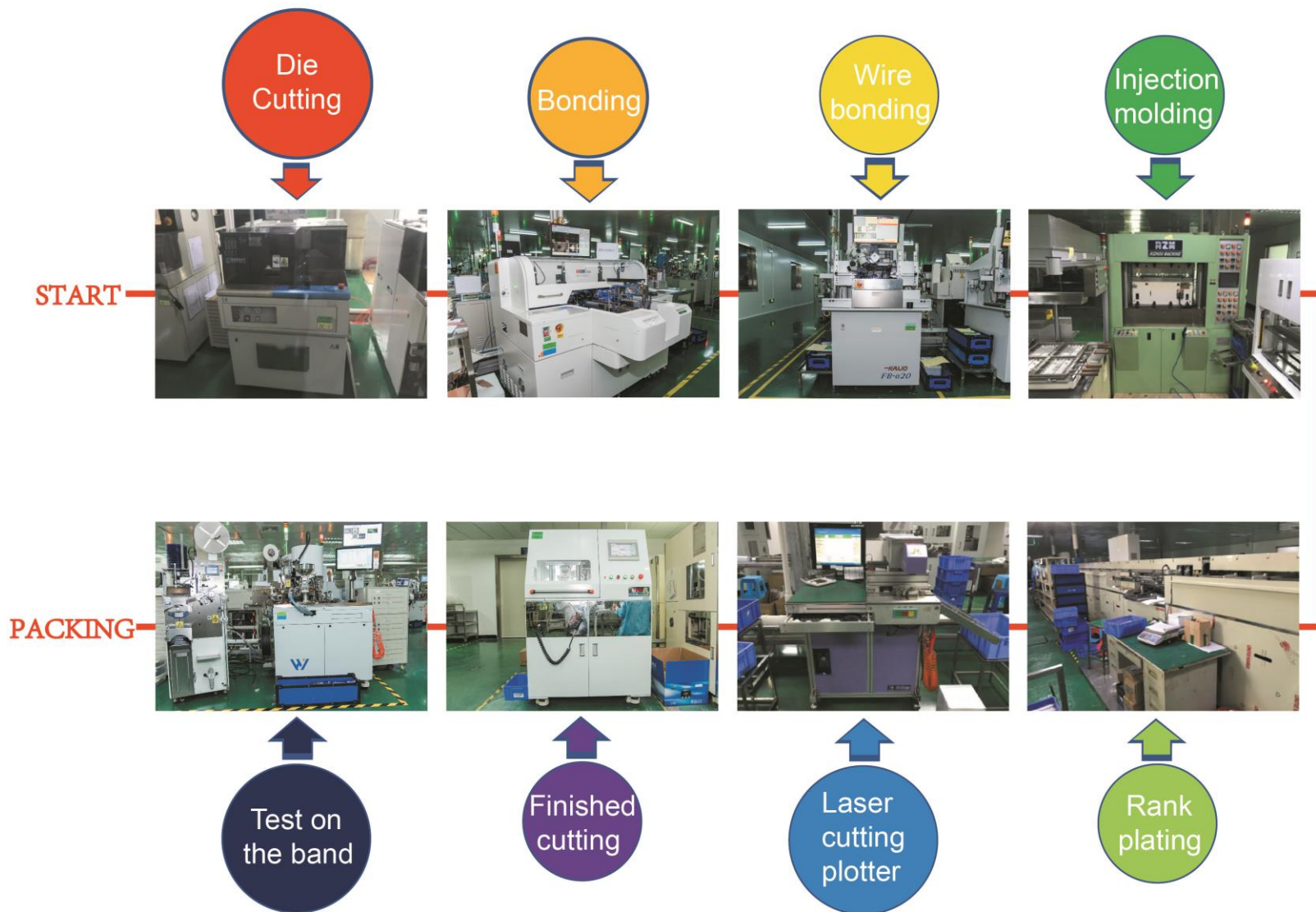


步骤四 Process Four

Device Name	Bands	Units
Dicing Saw Machine	日本DISCO、DS616	10
Die Bonder Machine	新益昌	136
Wire Bonder Machine	ESEC、ASM、KS、KAIJO	115
Molding Machine	RZM	15
Automatic Molding Machine	铜陵三佳、尚明	15
Rank Plating Machine	上海新阳	3
Cutting & Forming Equipment	尚明	15
Engraving Machine	联动、深科达、佛雷斯、莱普	45
Separator	深科达，诺泰、远望、华越	120
Test Machine	联动、宏泰、友能、长川、诺泰	145
X-RAY scanner	苏州奥克思	1

Auxiliary Equipment

Device Name	Brands	Units
Appearance Test Equipment	深科达，诺泰、远望、华越	101
Bond Tester	韩国CETEK	2
Reflow Soldering	深圳普惠	1
Metalloscope	北京永丰	1
High Temperature Aging Test	威邦	2
Thermal Shock Test	威邦	2
Constant Temperature And Humidity	威邦	2
PCT Chamber	鼎升	2
Temperature Cycle Tester	海德	1





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Others
Equipment

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Punching burr sandblasting machine



Nitrogen system



Purified Nitrogen system



Pull Tester



Pure water system



Large-scale green air-conditioning system



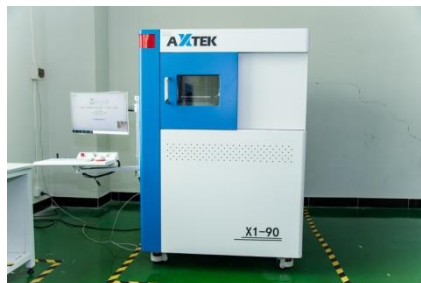
Air Compressor



Constant temperature / Humidity storage Testing machine



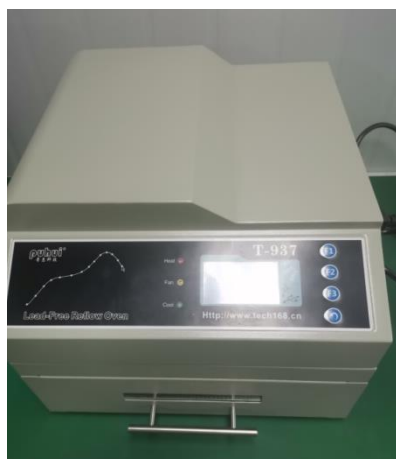
**High temperature
aging test machine**



X-Ray Test Machine



Chiller



Reflow soldering



**Temperature
cycle tester**



Test machine



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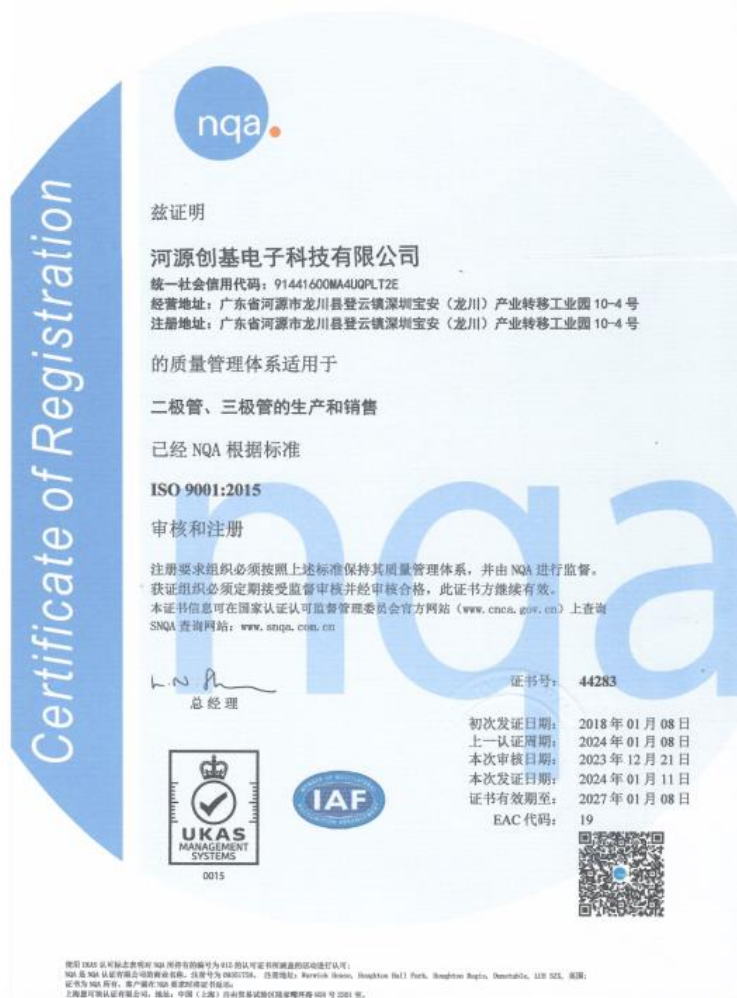
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Product
Application



CBI brand products are widely used in various electronic products

- Diode products can be reasonably connected with resistors, capacitors, inductors and other components to form circuits with different functions, which can realize various functions such as rectification of alternating current, detection of modulated signals, amplitude limiting and clamping, and voltage regulation of power supply voltage.
- Transistor is a semiconductor device that controls current. It can amplify a weak signal into an electrical signal with a large amplitude. A small signal input to the base will cause a large current change in the collector. This is one of the most important electronic circuits. It is also the most important and core part; it is also used as a non-contact switch, using the cut-off and conduction characteristics of the triode to control or drive the load; more than Such as gate circuits composed of triodes, switching power supplies, etc.
- PDFN is a latest electronic packaging technology, using advanced bilateral or Quad Flat No-leads Package, ultra-small size, long service life and other characteristics; BJT, MOS, SBD, ZENER, TVS, ESD series product' s packaging size are smaller than traditional SOT23 , SOT523, MSD moisture sensitivity level are higher(wearable product sensitive parameter), higher power density, MOS ($R_{ds(on)}$), SBD (V_F), BJT (V_{ces}), V_c (TVS/ESD) and other parameters are lower.



ISO9001
QC/QA
CONTROL SYSTEM



ISO14001:2015



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International
quality
assurance

QC080000

		国际电工委员会质量评定体系 (IECQ) 涵盖电子元器件、组装件、相关物料和过程 IECQ有关规则及详情, 请访问 www.iecq.org	
IECQ 符合性证书 有害物质过程管理			
IECQ 证书号码:	IECQ-H NQAGB 19.0185	发出序号:	3
取代:	IECQ-H NQAGB 19.0185 2	发行日期:	2022/11/7
认证机构文件号码:	QC01257	失效日期:	2025/11/5
状态: 有效 原发出日期: 2019/11/6			
适用于:			
<ul style="list-style-type: none">European Directive 2011/65/EU ("RoHS – Restriction of the use Of certain Hazardous Substances") in electrical and electronic equipment. Including all published amendmentsCustomer specified requirements			
河源创基电子科技有限公司 广东省河源市龙川县登云镇深圳宝安(龙川)产业转移工业园10-4号			
该组织已制定和实施有害物质过程管理程序和相关过程, 经审核, 发现这些程序及过程符合适用的IECQ HSFPW组织批准要求, 即IECQ电子元器件质量评定体系(IECQ)的基本规则IECQ 01和程序规则IECQ 03-5 "IECQ有害物质过程管理", 以及IECQ规范:			
<ul style="list-style-type: none">IECQ QC080000: 2017 - 有害物质过程管理体系要求			
此证书适用于以下活动范围内的所有电子元器件、组装件、相关物料和过程:			
二极管、三极管的生产			
Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, Bedfordshire, LU5 5ZX United Kingdom		签发的认证机构: NQA	
授权人: Nick Wright			
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Certificate of Registration

nqa.

兹证明

河源创基电子科技有限公司
 广东省河源市龙川县登云镇深圳宝安（龙川）产业转移工业园10-4号
 (IATF USI: CF5YRE)

的质量管理体系适用于

二极管和三极管的设计和制造

已经NQA根据标准

IATF 16949:2016

审核和注册

本注册要求组织必须按照上述标准保持其质量管理体系，并由NQA进行监督。
 若有任何争议，以英文证书为准。


 Managing Director


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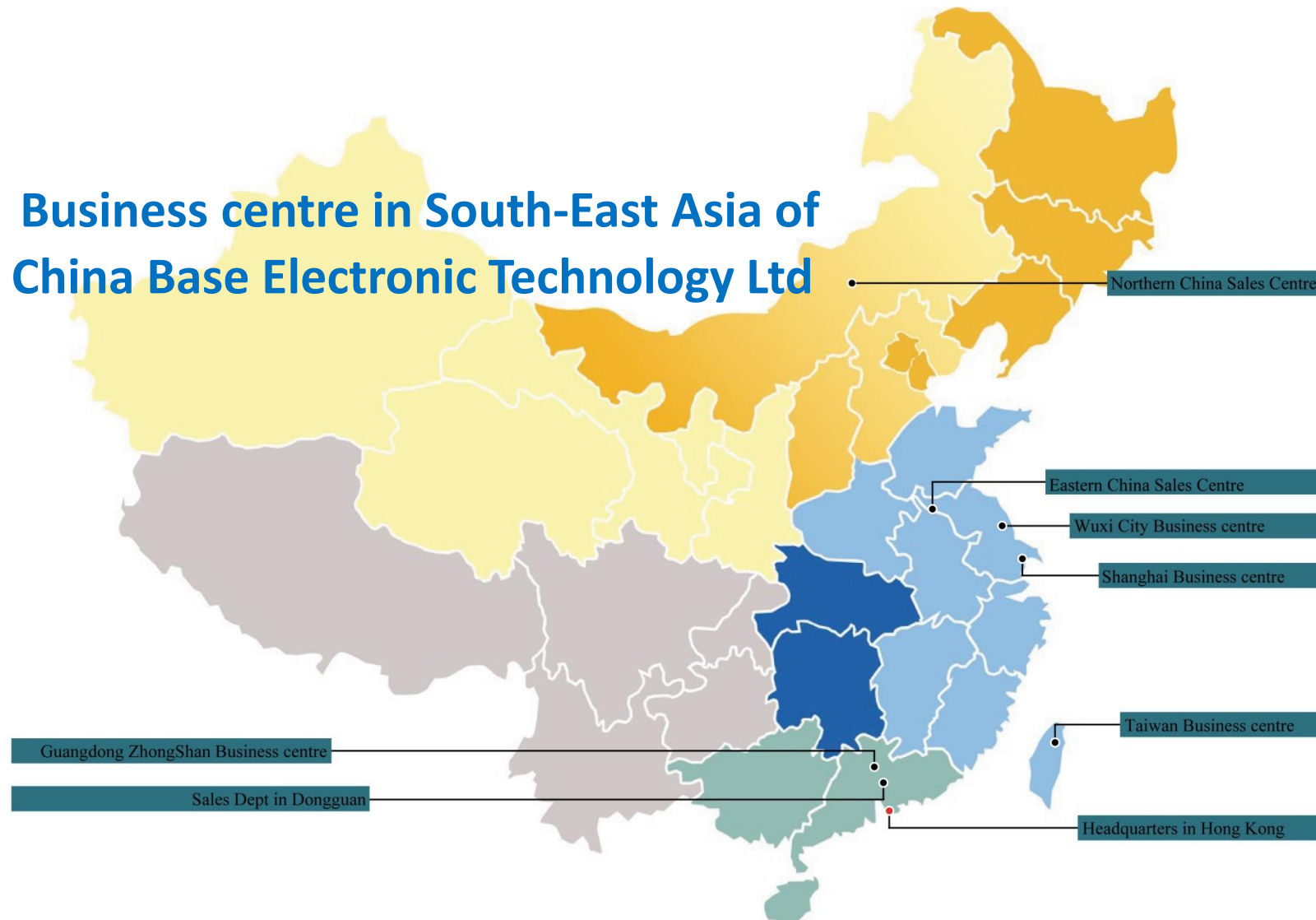
NQA Certificate No: T178596
 IATF Certificate No: 0573684
 First Issue Date: 21 May 2025
 Valid Until: 20 May 2028
 Version: 1



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 Revision Date: Feb 2017 Page 1 of 1 Issue 5

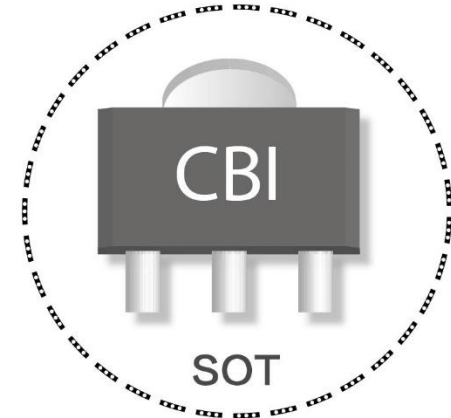
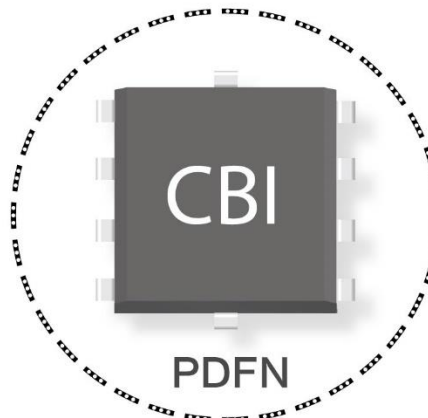
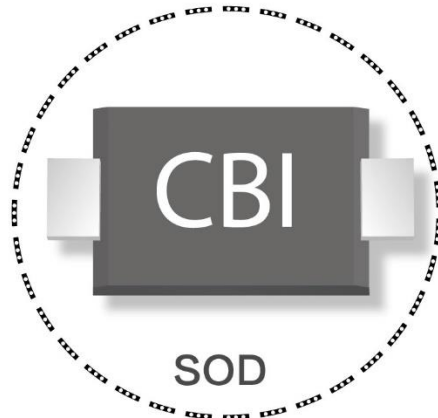


Business centre in South-East Asia of China Base Electronic Technology Ltd





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