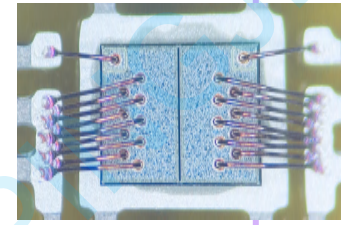


您的小零件 我们的大奋斗
Our Great Efforts on Your Little Components >>>>

东莞平晶微电子科技有限公司

2026



Dongguan Pingjingsemi Technology Co., Ltd.

TEL: (86)0769-8287 1832

FAX: (86)0769-8287 1932

Website: www.pingjingsemi.com

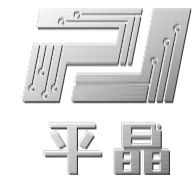
Factory Add: No. 13, Wende Road, Xiaokeng, Liaobu Town, Dongguan City, Guangdong Province



Jim Deng Business Development Director

Whatsapp/wechat: +86 18925234107

Email: jimdeng@pingjingsemi.com



2016-2017

2016

Establish PINGJINGSEMI(HQ) in Dongguan Songshan Lake
在东莞松山湖注册成立平晶微电子

Establish R&D in Shanghai&Wuxi
在上海和无锡设立研发中心

2017

Production base landing
生产基地落地(金园路)



2018-2019

2018

Certified:ISO 9001:2015
质量体系认证

MP:SOT-89/SOT-23

Export to: Hong Kong

2019

Certified: ISO 14001:2015
环境管理体系认证

MP:SOT-23-3/SOT-23-5/SOT-23-6



2020-2021

2020

Certified:IATF 16949:2016
质量管理体系认证

MP:DFN/QFN/SOT-89-5

Export to:Taiwan&Korea

2021

As a National High-tech Enterprise
评为国家高新技术产业



2022-2023

2022

Certified:ISO 45001:2018
职业健康安全管理体系认证

MP:SOP-8/ESOP-8

2023

MP:TO-252/TOLL

Export to:Germany&Malaysia&India



2024-2026

2024

New Factory Relocation
新厂搬迁(文德路)

MP:PDFN

Export to:Germany&Malaysia&India

2025-2026

MP: Clip Process PDFN Package
Plan:TO-220/TO-220F Package

量产: Clip工艺-PDFN 封装
计划: TO-220/TO-220F封装



企业文化 Enterprise Culture

以客户为中心，以奋斗者为本。
Customer-focused, Hardworker-oriented.

开放、包容、服务、高效
Open, Inclusion, Service, Efficient.

成为半导体封测行业领导者
To be the pioneer in Semiconductor
Assembly and Test Industry.



2016年

成立时间

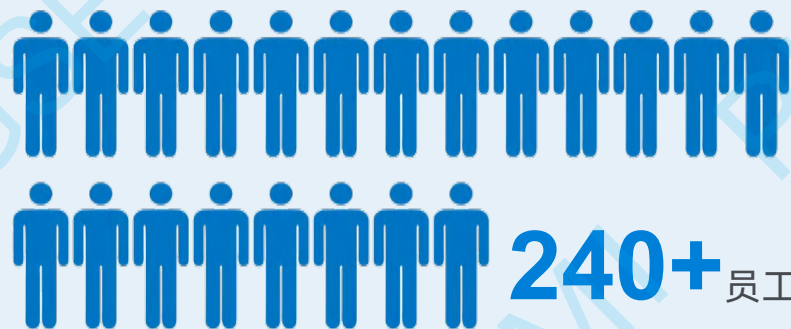


面积

18000m²



2.0+亿元 2025年



240+ 员工



780KK/M 2025年

HQ 总部

PINGJINGSEMI 平晶微电子

Assembly Site 封测厂

Wafer Fab 晶圆代工厂

UNT
芯联集成

CanSemi
粤芯半导体

Dongbu HiTek
韩国东部高科

R&D Center 研发中心

ShangHai
上海

Wuxi, Jiangsu
江苏无锡

Office 办事处

东莞

济南

宁波

深圳

北京

上海

杭州

长沙

南京

成都

厦门

武汉

PJ Product

MOSFET (32%)

Enhancement
Mode

Depletion Mode

LDO (25%)

Voltage: 5-80V

All packaging
covers

Integrated Circuit (10%)

Operational
Amplifier
& Comparator

USB Charging Port
Controller

DC-DC

LED Driver

Battery Charger IC

Battery Protection
IC

Regulator (15%)

TL431 series
(2.495V, 2.5V)

TL432 series
(1.24V, 1.25V)

3-Terminal
Regulator
PJ78 series,
PJ79 series

Diode (8%)

Schottky Diode

Zener Diode

Switching Diode

ESD Diode

TVS Diode

Rectifier Diode

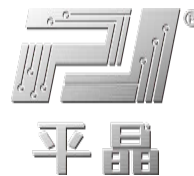
Transistor (10%)

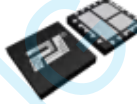
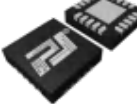
Small Transistor

Digital Transistor

Darlington Transistor

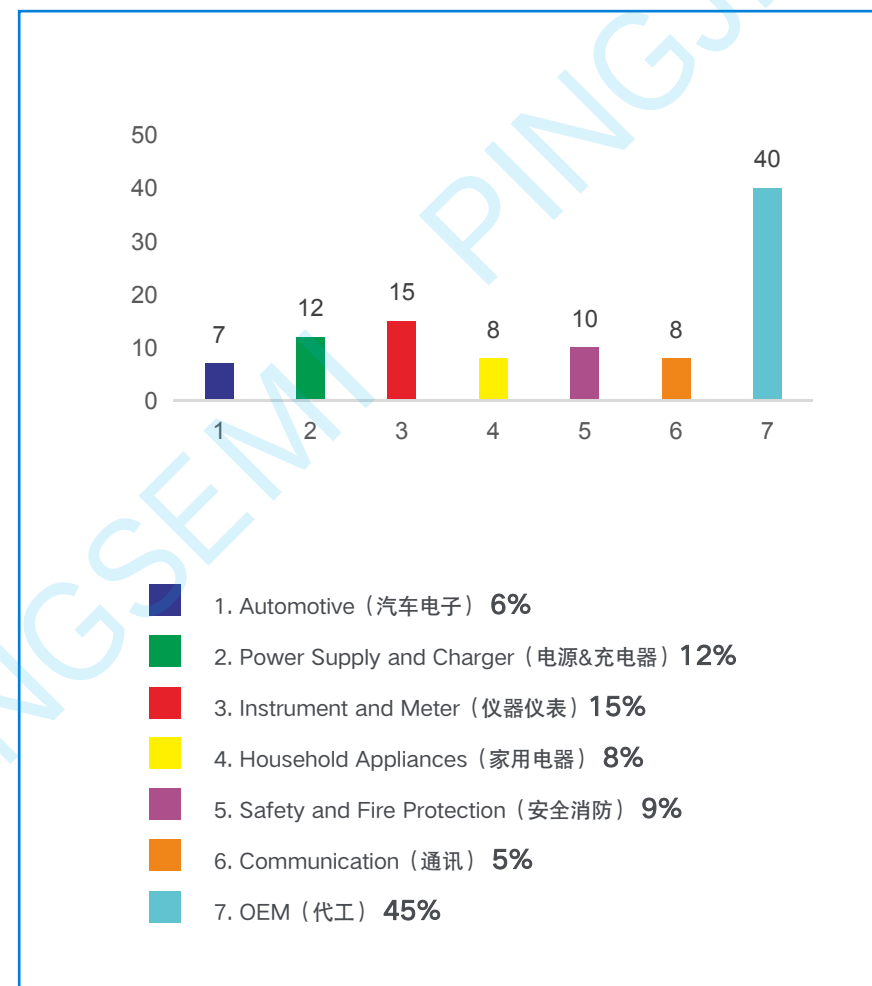
Product Packages / 产品封装



 TOLL	 TO-252	 TO-252-4L	 PDFN3x3-8L	 PDFN3x3A-8L	 PDFN5x6-8L	 PDFN5x6A-8L	 TO-263	 TO-263-7L
 TO-220F	 TO-220	 QFN5x5-20L	 QFN3x3-20L	 DFN3x3-8L	 DFN3.3x3.3A-8L	 DFN3.3x3.3-8L	 DFN3x2-8L	 DFN3x2-6L
 DFN2x2-6L	 DFN2x2A-6L	 DFN2x2B-6L	 DFN2x2C-6L	 DFN1.6x1.6-6L	 DFN1x1-4L	 DFN1x0.6-3L	 DFN1x0.6-2L	 DFN1x0.6B-2L
 SOP-8	 ESOP-8	 SOP-7	 SOP-14	 SOT-89	 SOT-89-5	 SOT-23	 SOT-23-3	 SOT-23-5
 SOT-23-6	 SOT-223	 SOT-363	 SOT-323	 SOT-523	 SOT-723	 SOD-123FL	 SOD-123	 SOD-323
 SOD-523	 SMAF	 SMA	 SMB	 SMC	 MBS	 ABS	 ABF	 UMSB

扎根行业10年，客户遍布全球

Rooted in the industry for 10 years, customers around the world



Enterprise Honor and Patent / 企业荣誉和专利



System Certificate / 体系证书



Y2018.09 ISO 9001:2015



Y2020.04 IATF 16949:2016

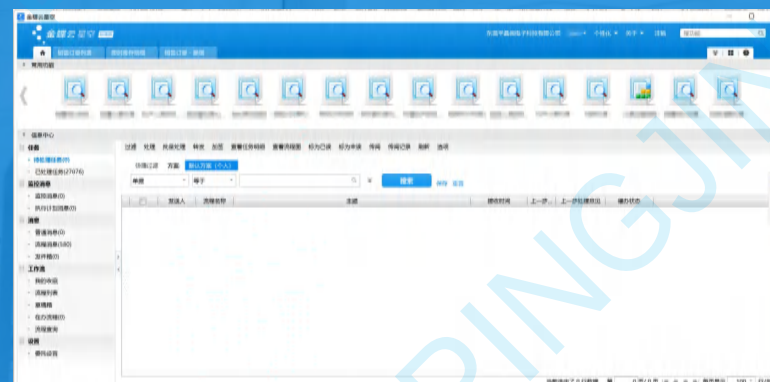
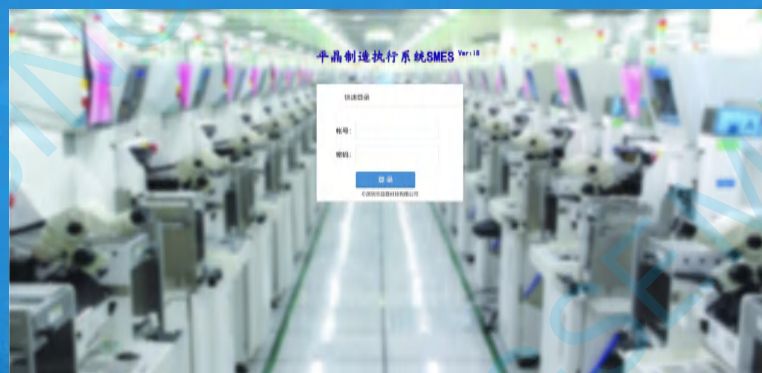


Y2019.03 ISO 14001:2015

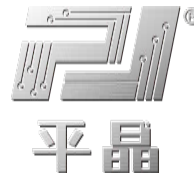


Y2022.03 ISO 45001:2018

- MES
- e-MES
- ERP
- Ordering System

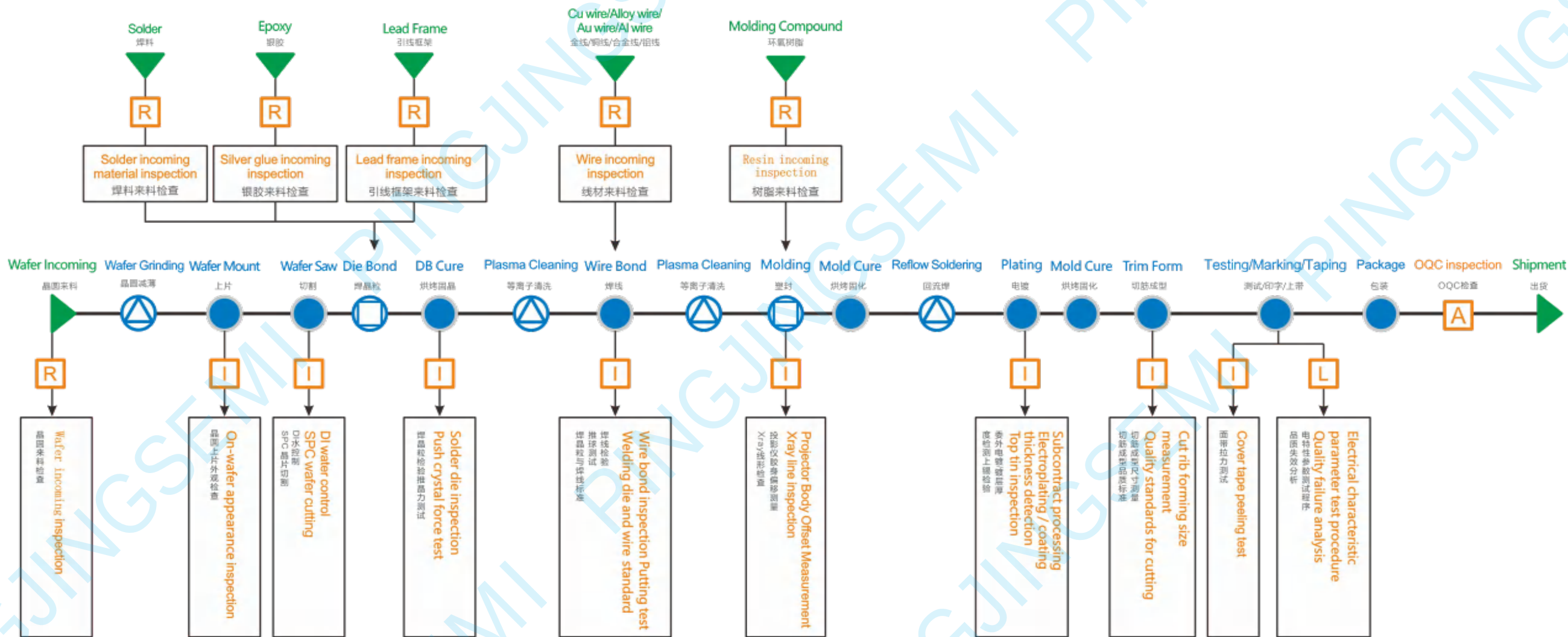


Production Workshop / 生产车间



Over 10,000m² of clean workshops and an environment for Automotive grade products.
拥有超万平方米洁净厂房，汽车级产品制造生产环境。

Process Control Plan / 工艺控制计划



Wafer Saw
晶圆切割



Die Bond
焊晶粒(点胶、共晶工艺)



Die Bond(Solder)
焊晶粒(焊料工艺)



Wire Bond
焊线



MOSFET & IC: Self-designed by R&D Center, Wafer Fab by SMIC, Cansemi, .etc
Diode & Transistor: ODM by Silan, Genesis, YW, .etc

MOSFET & IC: 自主研发, 晶圆制造由芯联集成, 粤芯半导体等代工流片。
二极管 & 晶体管: 士兰微、扬晶微、友旺等设计制造供应。

Equipment设备: Disco, 沈阳和研

Epoxy 银胶:
Henkel汉高, SUMITOMO住友, YonGoo永固

Lead-frame框架:
宁波康强电子、安徽锐兰

Equipment设备: ASM/华越/微恒

Solder 焊料:
Heraeus贺利氏, 晨信

Lead-frame 框架:
ASK宁波埃斯科

Equipment设备: 深圳新控

Cu Wire 铜线
Alloy Wire合金线
Au wire金线

18um, 20um, 25um, 30um, 38um, 42um, 50um

Wire焊线:
科大鼎新、Heraeus 贺利氏

Equipment设备: ASM/KS

Wire Bond(Al Wire)
焊线(铝线)



Molding
注塑成型



Plating
电镀



Trim&Form
切筋成型



Al wire 铝线

100um, 125um, 150um, 175um, 200um,
250um, 300um, 380um, 400um, 450um,
500um

Ribbon 铝带

20*4mil, 30*4mil, 40*4mil, 60*4mil,
80*4mil, 40*6mil, 60*6mil, 80*6mil,
80*8mil

Wire焊线:

Heraeus 贺利氏, HANGGONG航工

Equipment设备: ATW

MGP+自动机器人
ASM/华越全自动模

Molding Compound 模料:
SUMITOMO住友, Hysol衡所华威,
HHCK华海诚科

Equipment设备: ASM, 香港朗诚, 曜通、
华越、台进、科茂

Plating(Outsourcing)
电镀 (外包)



电镀供应商: 翰驰五金, 松代精密

Trim&Form: SOT, SOP, TO

Equipment设备: 香港朗诚, 曜通、科茂

PKG Saw
封装切割



Testing
测试



Packaging
包装



Package Sawing: DFN, QFN

Equipment设备: 和研科技

Tester	Model	Items
LCR Test System	QT-3107LCR-40	Rg,Ciss,Coss,Crss
	T342D	
Thermal Resistance Test System	QT-3102TR-20100-01	DVF,DVDS,DVBE.DVCE
EAS Test System	QT-3101UIL-2002000-01	EAS
	T333D	

7 Inches
SOT-23
SOT-23/3/5/6
DFN/QFN
SOT-89(1K)
SOT-89-5(1K)

13 Inches
SOT-89(3K)
TO-252-2/4
SOP-8
TOLL
PDFN3*3/5*6

Reliability and Testing Equipment / 可靠性&测试设备



Quality Control Target 质量控制目标: DPPM<10PPM(非车规级), 目标0PPM(车规级AEC-Q)



Push-pull Testing Machine
推拉力测试机



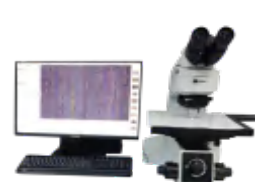
Projector
投影仪



Metalloscope
金相显微镜



Measuring microscope
测量显微镜



Metalloscope
金相显微镜



E x-ray fluorescence spectrometer
能量色散X荧光光谱仪



Temperature Tester
温度测试仪



Tape Peeling Tester
载带撕扯测试机



Microscope
光学显微镜



ESD Generator
静电放电发生器



Steam aging
蒸气老化



Layered Scanner
分层扫描仪



Sorting machine
外观选别机



Curve tracer
晶体管特性图示仪



DTS-1000 Tester
DTS-1000测试机



DC power supply
直流电源



HAST Tester
高加速寿命测试机



Electron Microscope
电子显微镜



HTRB/HTGB Tester
HTRB HTGB测试机



Power Cycle Tester
功率循环测试机



X-ray



Temperature Cycling testing
冷热冲击箱



Temperature and Humidity testing
恒温恒湿试验箱



Electron microscope
电子显微镜

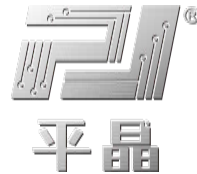


X-ray



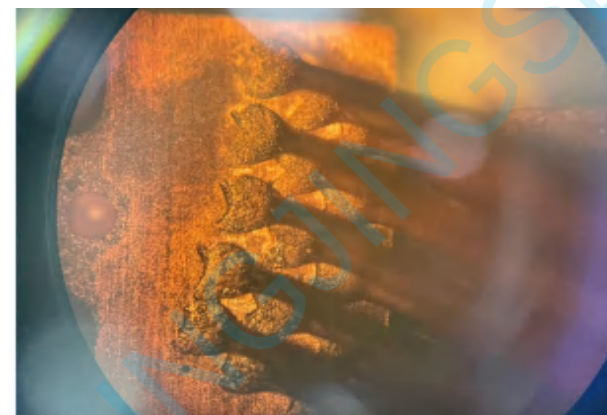
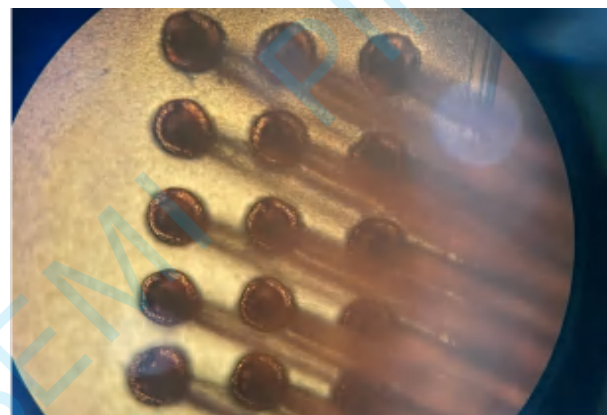
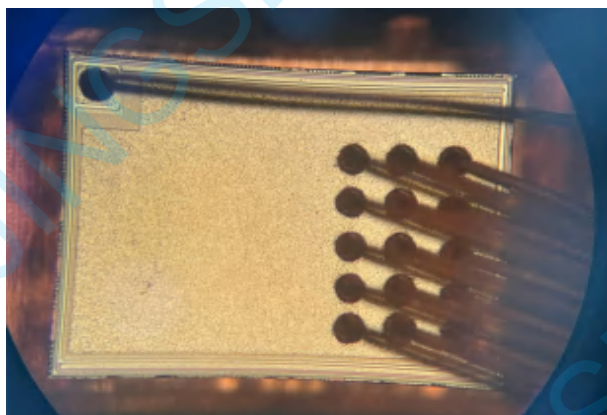
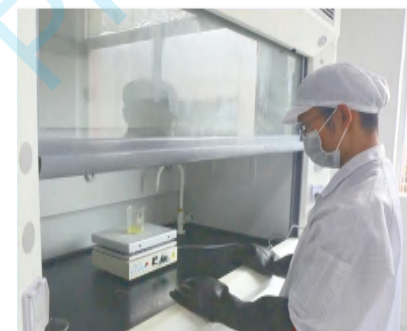
Reflow Welder
回流焊机

FA Laboratory / 失效分析实验室



FA Laboratory has been established specially. 专门成立了失效分析实验室。

The independent capacity for Failure Analysis is formed and improving constantly. 已具备独立的失效分析能力，并不断提高。



Cr⁶⁺ 六价铬(Cr ⁶⁺) Undetectable	Cd 镉(Cd) Under 5PPM	Hg 汞(Hg) Undetectable	Halogen Halogen Undetectable
PBDE PBDE Undetectable	PBB PBB Undetectable	Pb 铅(Pb) Under 100PPM	Sb 锑(Sb) Undetectable

- Using Green, Safe, HAF(Halogen & Antimony Free) materials, matching **RoHS, REACH** directives;
采用绿色, 安全, HAF(无卤锑)材料, 符合RoHS, REACH指令要求;
- Regularly conduct factory audits and require suppliers to share Environmental Responsibilities with us;
定期进行工厂审核, 并要求供应商与我们共同承担环境责任;
- Have an independent laboratory to test the environmental friendliness of materials and verify the results.
有独立的实验室来测试材料的环保性并验证结果。

CONFIRMATION SCHEME
确认方案

$\leq 48_{\text{H}}$

SETTLE A CASE
解决客诉

$\leq 7_{\text{D}}$

谢谢观看! Thanks!

由于篇幅限制, 未能将所有资料赘述。如需进一步了解, 请通过以下方式与我们联系。

Due to the limited space, we cannot show all. If you want more information, please contact us through the ways below .

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平晶官网