



**Makerfabs**

# SHENZHEN MAKERFABS CORPORATION

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**Fab Service for Makers**

View Our Official Website: [www.makerfabs.com](http://www.makerfabs.com)



# 1. Company Profile

## About us

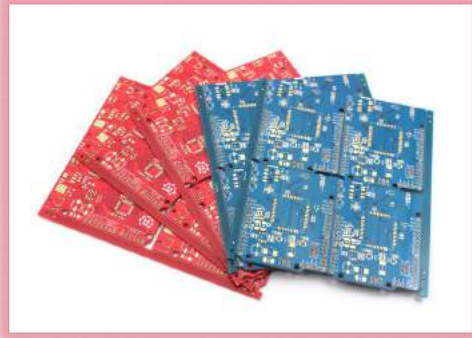
Makerfabs, in Shenzhen, focus on:

- Open hardware/ IoT solution
- One-Stop PCBA agile Manufacturing





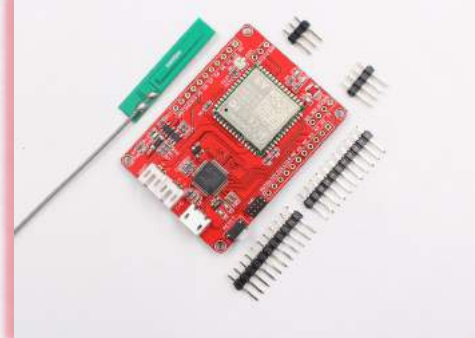
## 2-1 Our Service



01

### Express PCB Prototyping

- Short Lead time 2~3 days;
- 10 pcs 50mmx50mm boards \$4.9
- Color Free



02

### Open Hardware

- Open Hardware, Arduino/ Raspberry Pi/Beaglebone, etc.
- Maduino IOT with GPRS/ GSM/BLE/ WIFI/ LORA/ GPS...



03

### PCB Assembly

- One Stop Service, Components/ Soldering/Programming/Testing..
- Lead time 2~3 weeks
- Top quality management



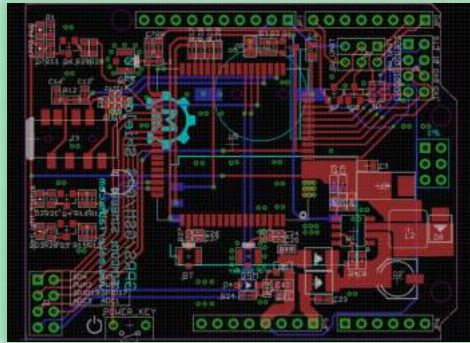
04

### Electronics On-line Store

- [www.makerfabs.com](http://www.makerfabs.com)
- >1,000 basic sensors, actuators, dev boards, starter kits, etc.
- Customer consignments



## 2-2. Our Service



05

### Co-design

- 10+ engineers for schematic/ layout /prototyping
- Reference design/PCB Clone



06

### 3D Printing&CNC

- PLA/ Nylon/Resin Printing
- Aluminum/ Stainless steel CNC



07

### Fixture

- Testing Fixture
- Production Fixture



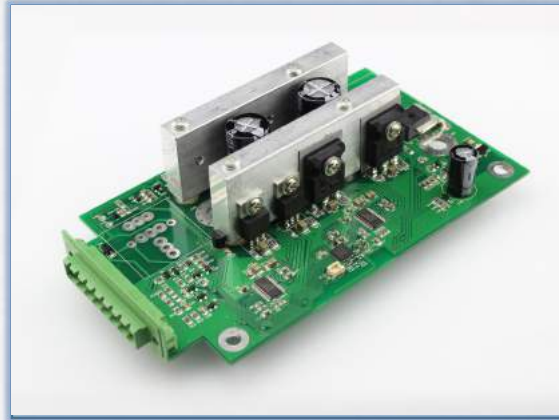
08

### Certificate

- FCC/CE/UL/ROHS,etc, certificates
- 3<sup>rd</sup> institution, authoritative world-wide



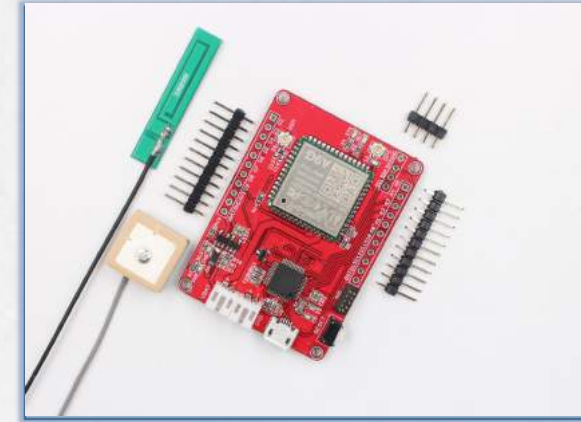
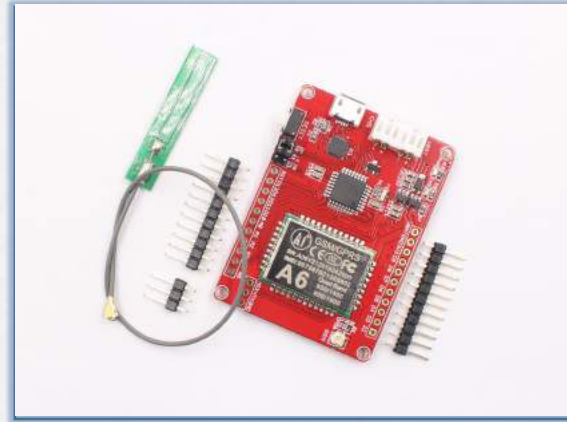
## 3-1. PCBA Case Demo



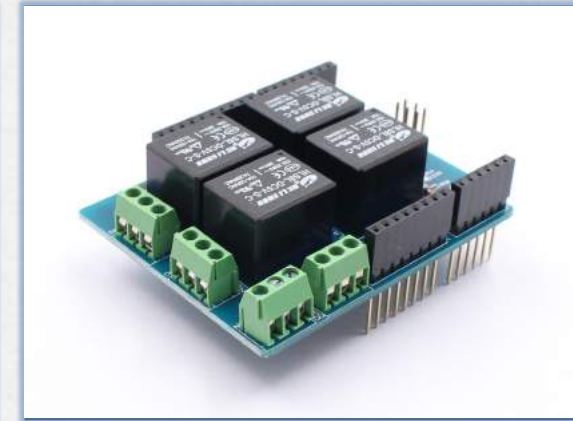
Industry Control boards



Wireless Communication



Maduino IOT Solutions



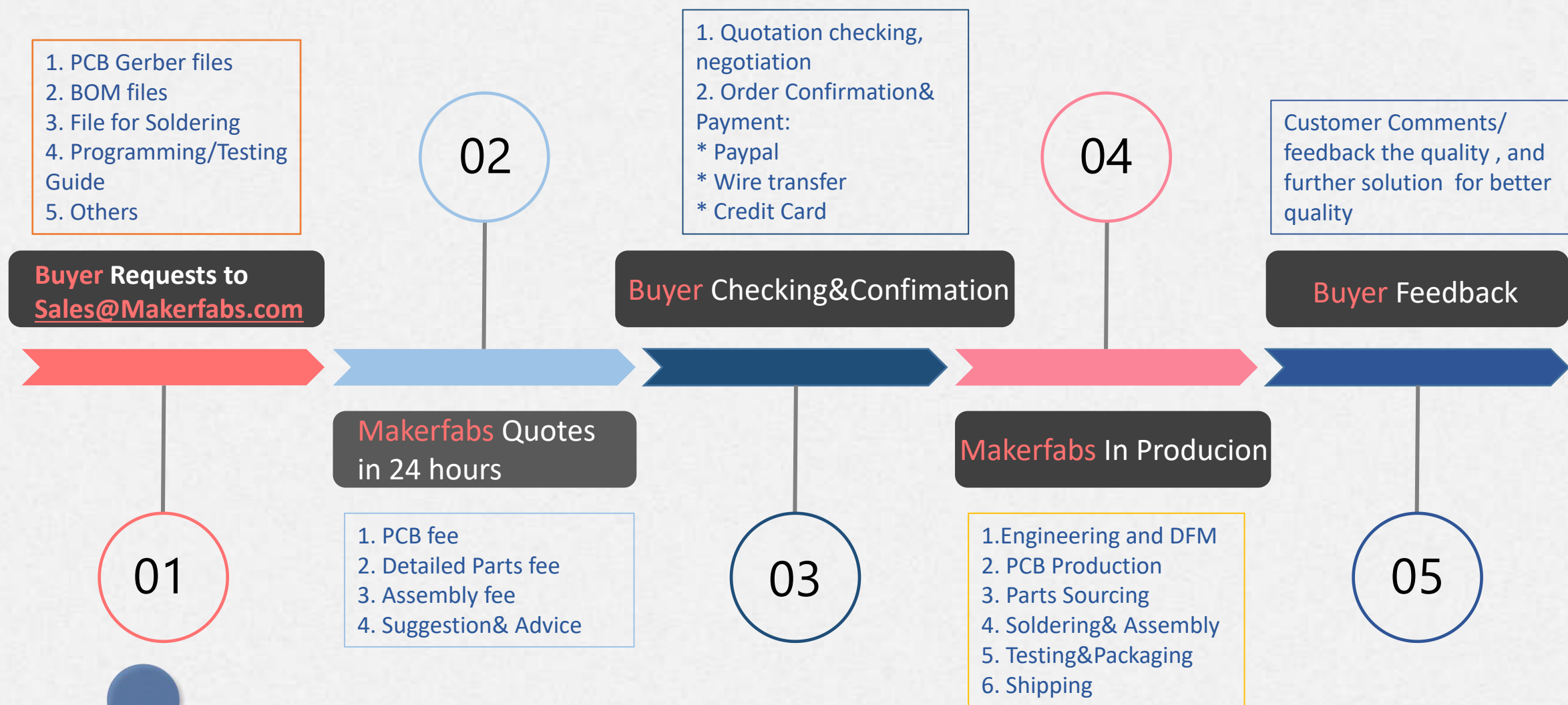
Arduino & Learning Kits



## 4. How PCB Assembly Order Processing?



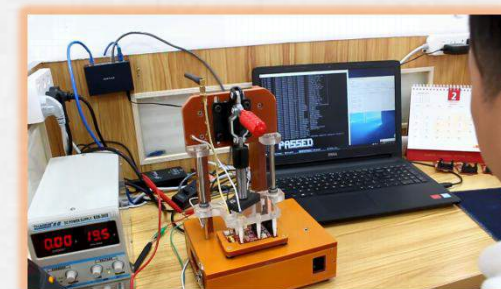
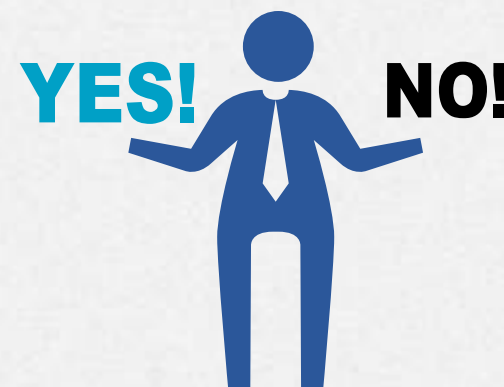
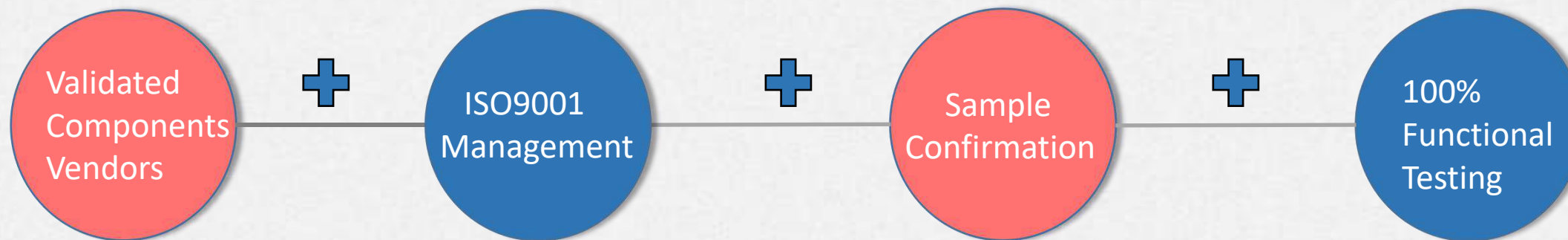
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# 5-1. Why us ?

## Our Quality



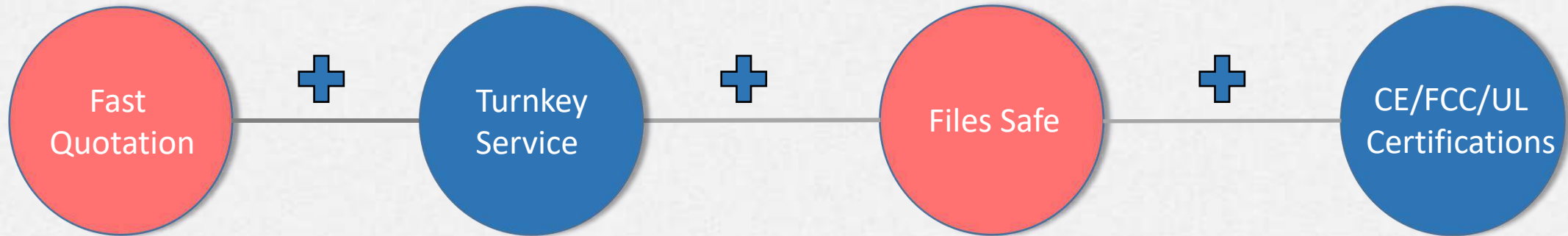


## 5-2. Why us ?



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### Our Service



- Assigned project manager's feedback in 24 hours
- Detailed quotation, include PCB/ Components/ Soldering/ Testing/Shipping, etc.
- Files keep safe in internal system, no release to any other person& company, NDA files can be assigned.
- 3 years' cooperation with 3<sup>rd</sup> authoritative institution, more than 20 cases/ year.



## 5-3. Why us ?



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### Our Price

Substitute **Cost-effective** Components

**Low**

SMD Starting Fee \$20

**Low**

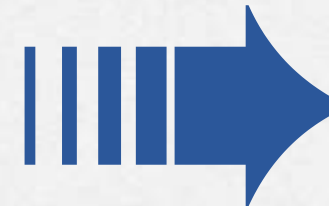
Testing Fee \$0.1/minute

**Free**

Capacitors&Resistors

**Free**

Cost-down Suggestions



**Totally Cost  
20%~40% Off**



## 5-4. Why us ?



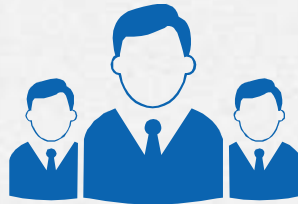
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### Friendly to Makers/new Start-ups/R&D



Desktop  
Pick-n-place

Experienced  
Workers



Agile  
Processing

Small Order  
Accept

- for **Prototyping & small batch**

- **2 weeks** lead time

- **More than**  
100 cases/month



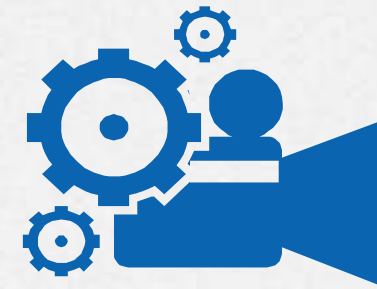
## 5-5. Why us ?



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### Experiences on IoT/Smart Home/Open Hardware

- **More than 15** Arduino Shield design, **100+** projects on Arduino/Raspberry Pi;
- **15+** Maduino IOT (WIFI/BLE/GPRS/3G/Lora, etc..) products ;
- **5** years PCBA DFM(design for manufacture) engineers team;
- **ISO9001** Quality Control



Design for Manufacture



**Make Your Design More  
Suitable for Manufacturing**



## 6. Our Workshop

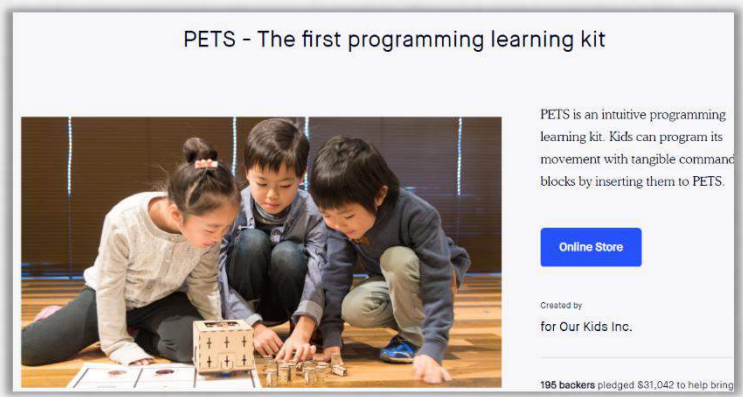




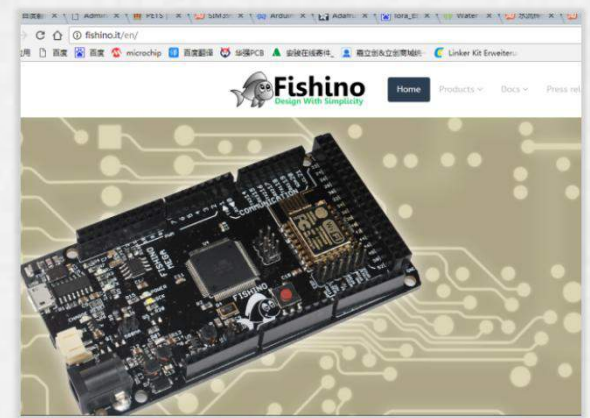
# 7.Our Experience



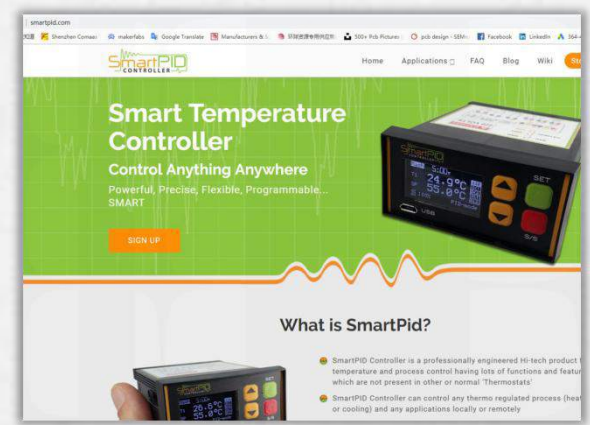
AI Robots



Educational products



IOT Nodes



PID Temp Control



Gameboy& Entertainment



## 8. Quality Control



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IQC incoming inspection



Visual Inspection



Function Testing



Re-flow Soldering inspection



AOI Testing

- Clear production flows
- Effective internal people management
- Supplier management
- Business responsibility when problems occurred

**Scientific process ensures top quality**



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# THANKS!



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