

Agenda



Competitive Advantages

Business Introduction

Quality Management





Company Profile

Milestone
Factory
Philosophy
Design and manufacturing
Innovation Capacity

Milestone

2004~2007

Obtained QS9000 & ISO/TS 16949 Certificate



2015~2016

ACTT Listed in TPEx (CODE: 3492)
Obtained Pharmacist manufacturing & selling license.



2018

Obtained EN 9100, AS9100D,ISO9001.

1994~2003

ACTT was Established VNACT VOACT CNACT LDACT



2008~2014

Become Chrysler, Fiat Qualified suppliers.



2017

Obtained ISO 13485 Join Aerospace industry A-Team 4.0 Alliance.



FACTORY









VOACT

Vietnam



Vietnam

CNACT

LDACT

VACT

Shenzhen

Luoding

Vietnam Factory

China Factory

Connector: 10,000,000 Pcs /M

Automotive cable sets: 2,000,000 Pcs /M

PCBA Module: 1,000,000 Pcs /M CABLE Assembly: 7,000,000 Pcs /M

Power cable : 1-2,000,000 Pcs /M CABLE Assembly : 4,000,000 Pcs /M

Mould: 38 Sets/M

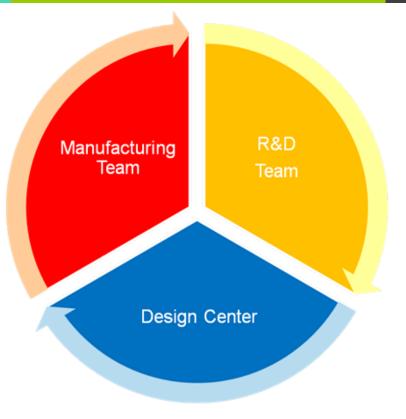
,000,000 Pcs /M

Philosophy



Design and manufacturing

- Complete laboratory analysis and testing equipment
- High-order precision machining equipment
- High mobility production scheduling
- Production timely statistics and quality control



- R&D Engineer
- Design software system
- Simulation analysis software

- Mold design & manufacturing capabilities
- Product customization(OEM/ODM)
- Automation equipment design

Innovation Capacity

| , | Global |
|---|--------|
| | Patent |

| Country | Invention | Utility Model | Design Patent | Total | | |
|------------------|-----------|---------------|---------------|-------|--|--|
| Taiwan | 35 | 161 | 10 | 206 | | |
| China | 7 | 119 | 6 | 132 | | |
| United States | 6 | 0 | 21 | 27 | | |
| Others | 0 | 12 | 0 | 12 | | |
| Subtotal | 48 | 292 | 37 | 377 | | |



Mouse"

New coupled circularly polarized GPS antenna: invited by IEEE Antennas and Propagation Society to attend APS seminars in the US 2009 RFID TENDENCY CUP: Won First place in Technical Development Group 2010 RFID TENDENCY CUP: Won Third place in Technical Development Group "2011 Taipei International Invention Show" Invention Competition, Won the Gold medal for "Mobile Phone Lock" and won the bronze medal for "Quick Charge

Joined the A-team 4.0 team of the Taiwan Aerospace Industry Association

Miniaturized RFID Automatic Management System for Semiconductor Factory Test

Machine: Awarded the 25th SME Innovation Research Award



Competitive Advantages

Core Competence
Customer solution
Production Line &
Mold Processing Equipment
Clean Room & Lab Equipment

Core Competence

Professional Research & Development capability

Professional R&D software: AutoCad Solidworks Pro-E

Advanced simulation software: Moldflow \ MSC. AFEA \ ANSYS



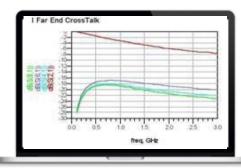
Professional Mold/Product Design and Manufacturing capability



Capability of Customization

Automation design

Professional manufacturing



High-precision Production Equipments

High-flexibility Production arrangement

Customer solution



Customer solution



Automotive Wireless Charging

Automotive AV module



Production Line & Mold Processing Equipment

Accordance with ISO/TS16949 quality control standard.















grinding machine

Laser Carving

Clean Room & Lab Equipment











Temperature Environmental Test

XRF





Thermal Cycling Testing

Network Analyzer





Salt Spray Test



Business Introduction

Our Market
Sales region
Business Partner
Product Introduction

Our Market

Automotive

Automotive Cable For Infotainment

OBD Wire Assembly

Lights Wire Assembly

Car cigarette lighter

Automotive Module For Infotainment

Wireless Charging Module

Antennas

RFID reader Antennas

GPS Antennas

FAKRA Wire Assembly

Medical

Therapeutic Drug Monitoring

Liquid Layer Processor

Aerospace

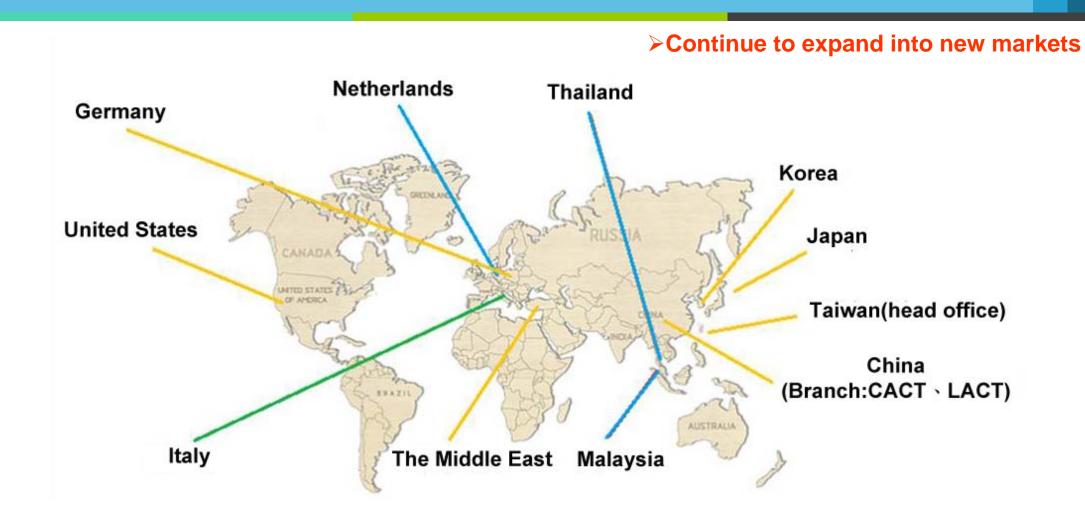
USB charging

AUX

Type C + USB charging

AUX + USB charging

Sales Region



Business Partner

































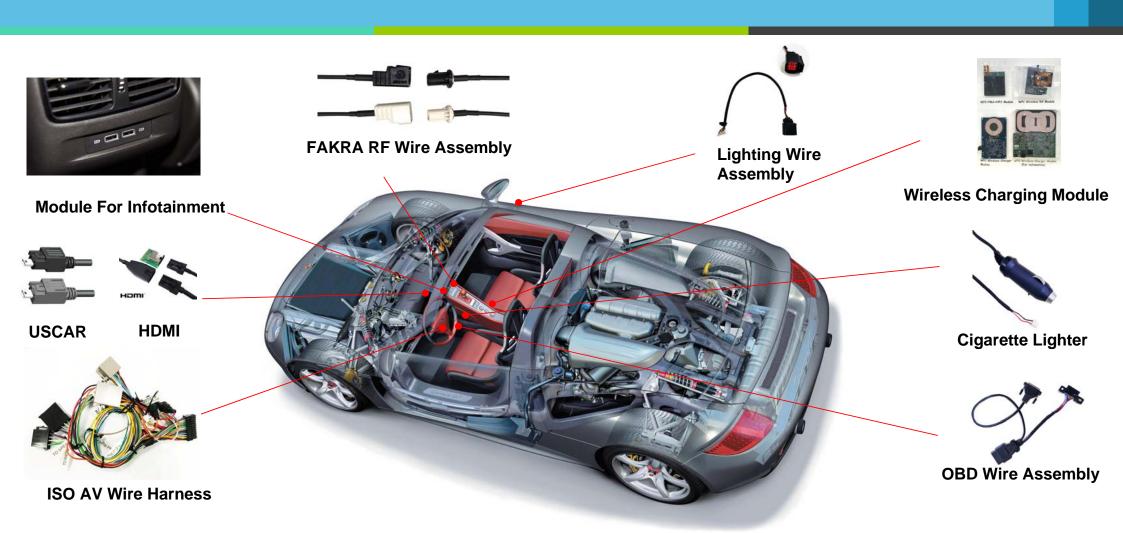






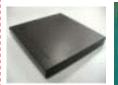


Automotive



Antenna

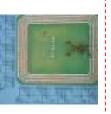
RFID reader antennas











200 x 200 mm2

95 x 95 mm2

60 x 60 mm2

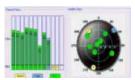
210 x 297 mm2

50 x 50 mm2

GPS antennas

CP SMD antennas

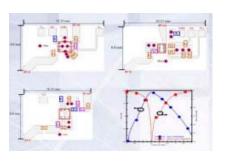




GPS Printed antennas



Multi-choice of LNA for active antenna upon request



-Ready-for-use in ACT-----

GMS Antenna





WIFI Antenna





Bluetooth antenna





Printed Antenna for WAMAX /Bluetooth Antenna





Healthcare & Medical



Aerospace

Compliant with BC 1.2 charging specification, Qi wireless charging specification, AC power 75W/110V **USB** charging Type C + USB charging **AUX** AUX + USB charging



Quality Management **

Quality Assurance
Quality Target
Quality Systems
EOL Functional Test for Finished Products

Quality Assurance



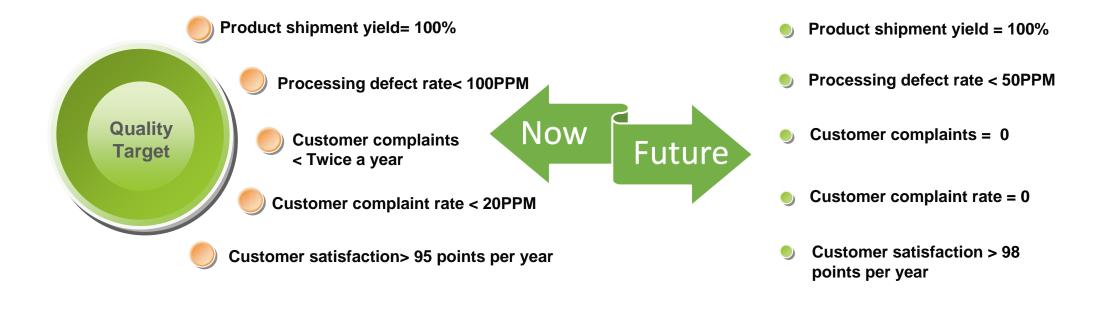
ISO9001:2015

IATF16949:2016

AS9100D:2016

ISO13485:2016

Quality Target (PPM)



FMEA

MSA

MES

APQP

Quality Control

PPAP

Quality Systems - MES System

To assure products?quality, MES system collect and monitor all the data of whole production flow from orders, production, testing to packaging.

Establish production order



Production Kanban



Product tracking

| | 戈品名籍 | 成 | 成 | 成品序列號 | 原料批號 | 原料編號 | 原料名籍 | 顶 | 原 | 原料序列號 | 工序名籍 | 生產線 | 員工 | 機 |
|---|--------|----|----|---------|-----------|-----------|------------|----|----|---------|------|------|-------|-------|
| 1 | CAR Mi | PC | X0 | 8887701 | 201410140 | 25-11451 | for 301-04 | PC | AA | | 排针 | L004 | 7y543 | hjhy7 |
| 2 | CAR Mi | PC | X0 | 8887701 | 201410140 | 301-04111 | 180度18.5 | PC | AB | | 焊接 | L004 | 7y543 | hjhy7 |
| 3 | CAR Mi | PC | X0 | 8887701 | 201412170 | 301-04021 | BLACK P | PC | AB | 8887701 | 焊接 | L004 | 7y543 | hjhy7 |
| 4 | CAR Mi | PC | X0 | 8887711 | 201410140 | 25-11451 | for 301-04 | PC | AA | | 排针 | L004 | 7y543 | hjhy7 |
| 5 | CAR Mi | PC | X0 | 8887711 | 201410140 | 301-04111 | 180度18.5 | PC | AB | | 焊接 | L004 | 7y543 | hjhy7 |
| 6 | CAR Mi | PC | X0 | 8887711 | 201412170 | 301-04021 | BLACK P | PC | AB | 8887711 | 焊接 | L004 | 7y543 | hjhy7 |

Tracking material, operator & equipment



paperless office



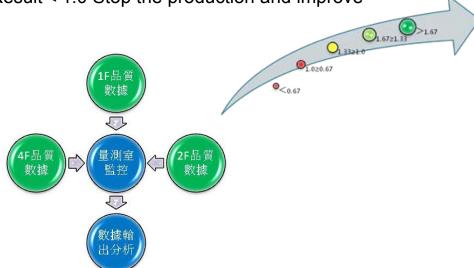
Quality System - SPC System

Collect the real-time data of each stage for SPC analysis, to find and prevent any issues in the early stage and implement continuous improvement.

Capability Index of CPK

- ▶ Result ≥ 1.33 PASS
- ▶ Result < 1.33 Early warning and continuous attention

▶ Result < 1.0 Stop the production and improve





EOL Functional Test for Finished Products

To check products' function after all manufacturing process, stimulating the comprehensive performance of production as customers use at the last station of production. To find out potential quality and function problem timely before the customers use.

