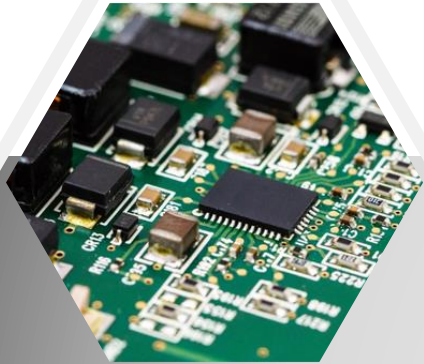


Introduction

November, 2023

TCE is an electronics manufacturing service provider delivering ODM, OEM solutions from PCBA to turnkey assembly

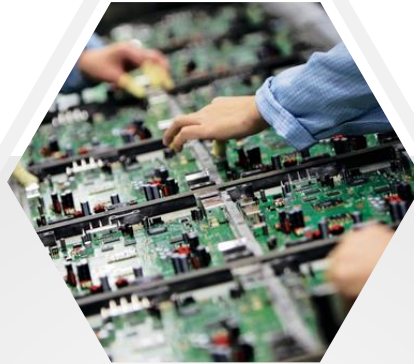
Overview



Full services:
ODM, OEM from
PCBA to turnkey
assembly



Integrated
advanced
automation
hardware with
software (MES,
ERP, WMS &
AHR)



Well trained
employees and
low-cost labor.



Serving global
customers in
North America,
Europe and Asia



30 years of
integrity, strong
partnership and
close
collaboration



- Full services from PCBA to full box build assembly including logistics service
- Extensive Test services based on customer's requirements or TCE standard test process
- Final Product Test including ICT, function, burn-in, HI-POT test and X-ray
- Full logistics service from EXW to DDP, both sea and air

TCE Capacities



- Capacities: 10 million products/year (8 hours/day, 6 days/week) . 30-50 different type of products/day
- SMT smallest component 0201mm, Pitch minimum of 0.1 mm (0.0039 inch)
- 8 SMT lines of 838,000 CPH, 4 automatic insertion machines of 82,000 CPH, 12 lines of THR Assembly and 5 lines of WAVE / DIP Soldering
- 2 X-ray machines, 1 in-circuit tester and specialized equipment: Conformal Coating, DP-PCB router and others



Manufacturing Facilities



- Located in Saigon High Tech park, HoChiMinh City Vietnam
- Total factory space is 13,800 sqm with full Wi-Fi coverage (150,000 square feet), with 42% utilization
- Integrated Warehouse Management System with MES servers for material inventory, control and acquisition
- Security access and control which link to ERP, MES and security guards (AHR system)



Our People



- 800 employees with plan to grow to 2,000
- 75% of Vietnam population is of working age, 20,000 engineering students are nearby
- Professional Trainings:
 - ISO & IPC
 - 5S & ESD
 - Samsung Smart Factory, Consulting and First Vendor programs
 - Samsung Manufacturing Management



TCE and Vietnam Advantages



- Available large and ready facility for quick production
- Low-cost EMS without import – export tax
- Vietnam is among the lowest labor-rate countries in the region
- Workforce: Highly educated, well trained and available for quick expansion
- Government Incentives:
 - Tax incentives and customs clearance assistance
 - High priority for all infrastructure and utilities
 - Strong advocate of IP Protection
- Located within 10 miles from airport and container seaports



Global Customers and Partners

Industrial and Commercial
products

RF components, PCB and
Module Assembly

GPS, Video and
Consumer products

COUNTRIES: USA, CANADA, KOREA, FINLAND, VIETNAM

TCE

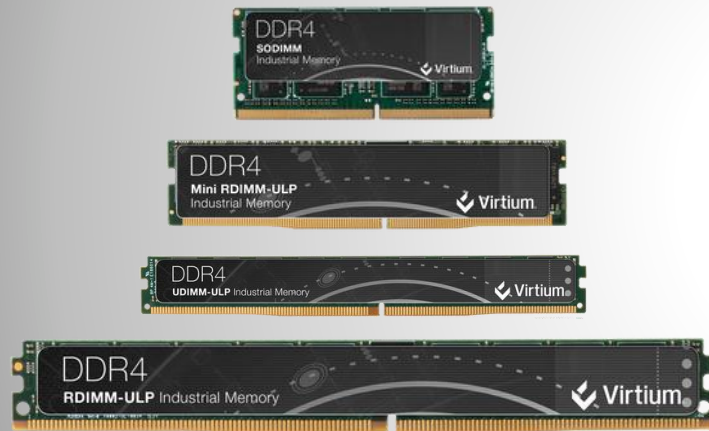
GPS, Video and Consumers products



Product Samples: Industrial Embedded Modules



Memory Modules



Storage Modules



Industrial-grade products for Telecom, Networking and Industrial systems which require high reliability and consistent performance in a harsh and wide range of temperature - 40°C to + 85°C environment

Quality and Production Management



ISO 9001
Certificate No: 01 100 1935601



ISO 14001
Certificate No: 01 104 1935601

- Quality First focused on customers' scarification
- Online and full capabilities of tracing production progress. Monitoring by quality control team and managements.
- Lean six sigma process improvement
- Defective Parts Per Million is less than 500 ppm for SMT and less than 1000 ppm for product assembly
- On time delivery = 99%

A COMFORTABLE AND EFFICIENT PRODUCTION ENVIRONMENT

Thank You

Contact: Khai Nguyen (Nix)

Email: sales@tce-ems.com

Phone: +84-6544 5712

www.tce-ems.com