GLOBAL NETWORK

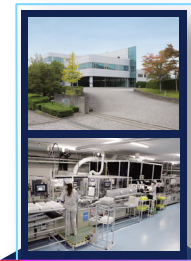
LOCAL MATERIAL PROCUREMENT
INDUSTRIAL SCIENCE
PRODUCTION / QUALITY SYSTEM
FUNCTIONAL SAFETY/CYBERSECURITY

ASTI ELECTRONICS HANOI CORPORATION
Hanoi, Vietnam
Quang Minh Industrial Park

ZHEJIANG ASTI ELECTRONIC CO.LTD
Zhejiang, China

HANGZHOU ASTI ELECTRONICS CO.LTD
Hangzhou City, China

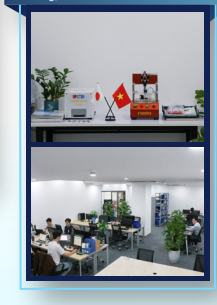
MIYAKODA FACTORY
Hamamatsu City



ASTI INDIA PRIVATE LIMITED
Gujarat, India

ASTI ELECTRONICS INDIA PRIVATE LIMITED
Haryana, India
IMT Manesar Industrial Park

ASTI RESEARCH AND DEVELOPMENT VIETNAM CORPORATION
Da Nang, Vietnam



ASTI ELECTRONICS CORPORATION
Ho Chi Minh City, Vietnam

ASTI MANUFACTURING PHILIPPINES INC.
Batangas, Philippines
FPIP II Industrial Park

HEAD QUARTERS
Hamamatsu City

HAMAMATSU FACTORY
Hamamatsu City

FUKUROI FACTORY
Fukuroi City

KAKEGAWA FACTORY
Kakegawa City

CHINA
INDIA
JAPAN
PHILIPPINES
VIETNAM
SHIZUOKA

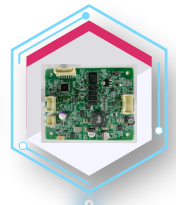
ASTI RESEARCH AND DEVELOPMENT VIETNAM CORPORATION

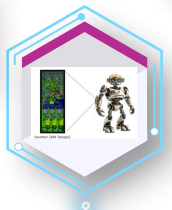
SOFTWARE TEAM
Embedded programming
Research IoT

HARDWARE TEAM
Electronic circuit design
Calculate and simulate

AW TEAM
Layout PCB

INSPECTION TEAM
ICT/FCT machine
Vision inspection
Automation system design





SCHEMATIC DESIGN & SOFTWARE DESIGN

SCHEMATIC, AW DESIGN & SOFTWARE DESIGN

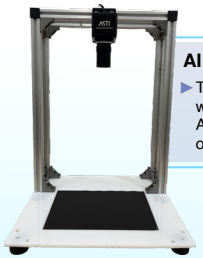
We are an offshore development company that accepts hardware (electrical circuit) design and software (embedded) design work from design departments.
We have Vietnamese engineers trained in Japan, and we are confident that we can meet the demands of our customers from both inside and outside of Vietnam.
Some design areas: DC-DC converter, Battery Charger, Motor Controller, BMS, LED driver, IoT...

E-bike

IoT Board

VISION INSPECTION

ACTUAL PRODUCT



AI Vision Checker

- The inspection device works with software that integrates AI and image processing, offering user-selectable functions.

PCB Checker

- Inspection of component presence on PCB.
- Inspection of codes on PCB.

Connector Checker

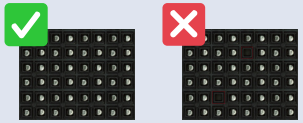
- Connector quality inspection.

APPLYING INSPECTION FUNCTIONS WITH AI

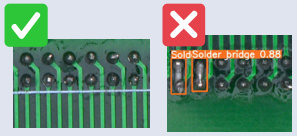
Presence inspection

OCR

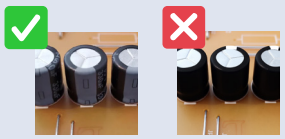
Product counting



Solder defect detection



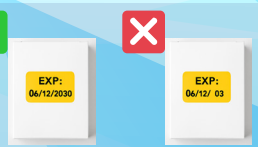
Component inspection



Inspection of parts in tray

Bottle cap inspection

Label inspection



FCT & AUTOMATION SYSTEM DESIGN

FUNCTION CIRCUIT TESTER MACHINE

- Measure circuit parameters
- Test LED, sensor, load
- Simulate input, output
- Test BTLE, SIM, RF waves
- Test battery system
- Automatic program loading
- Test communication interfaces

IN-CIRCUIT TEST

- Continuity test
- Open/short circuit test
- Test component parameters

AUTOMATION SYSTEM

- Silicone dispensing machine
- Automatic soldering machine
- Automatic final test machine
- Design according to customer requirements

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Website

Fanpage

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