

Yarsa Tech - A Company Overview

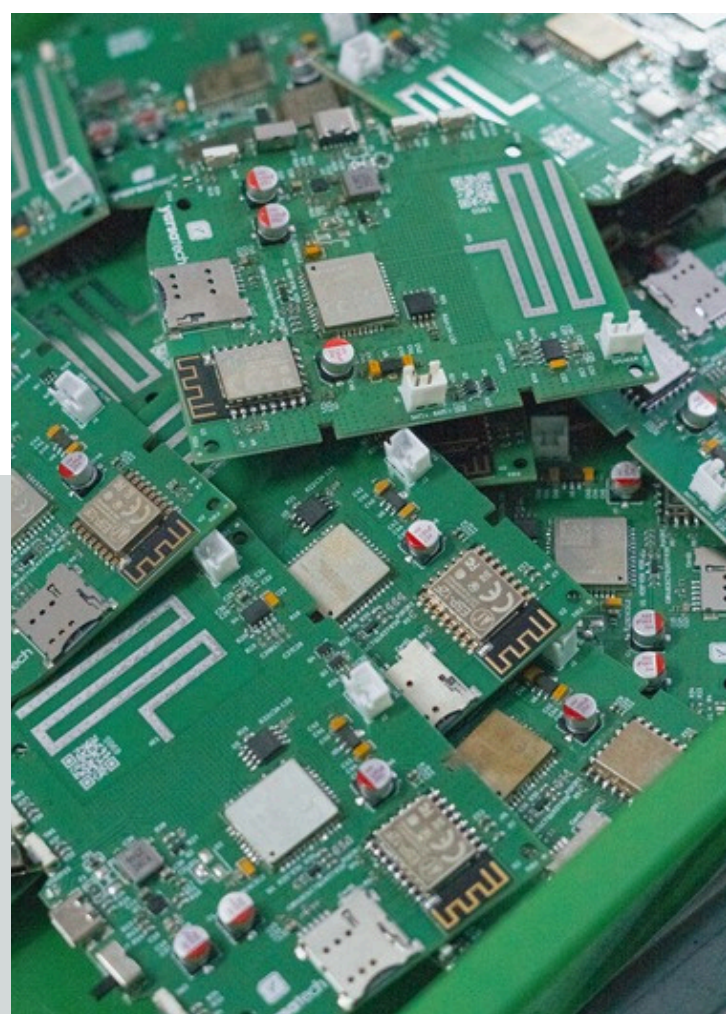
पोखराबाट सुरु भएको हाम्रो Consumer Electronics Manufacturing यात्रा।

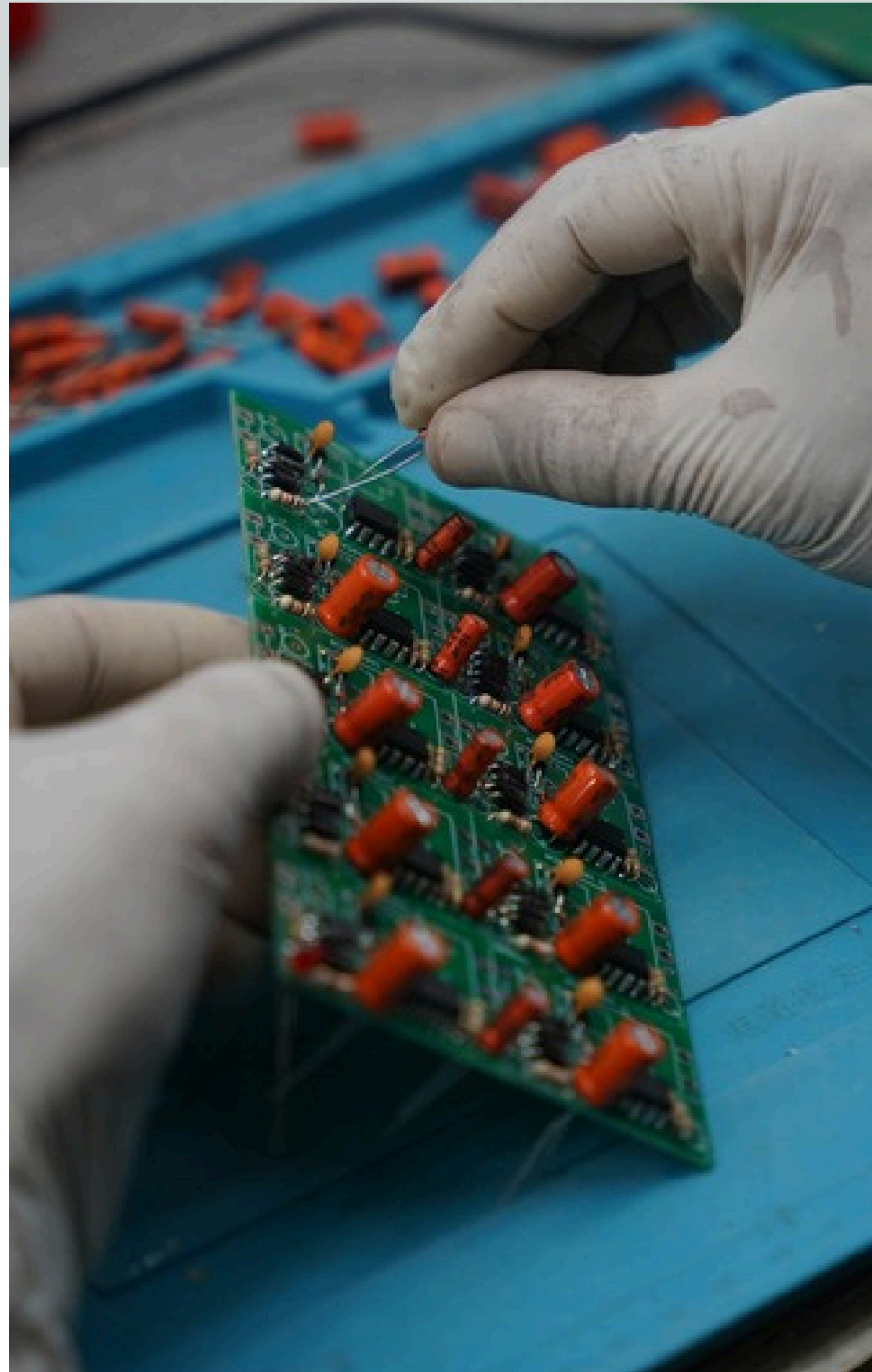
Hardware

Software

Manufacturing

Fintech





Yarsa Tech is the hardware and manufacturing division of Yarsa Labs.

Yarsa Labs is a technology company working in hardware, software, and digital platforms.

Yarsa Games Game Development Studio

Yarsa Tech Consumer Electronics Manufacturing Company

Pasal.com eCommerce Platform

हाम्रो १५०+ दक्ष जनशक्ति फरक क्षेत्र, फरक प्रविधि तथा विविध माध्यममार्फत समृद्ध नेपाल निर्माणको आधार खडा गर्दछौं।

Yarsa Tech Overview

Yarsa Tech is Nepal's pioneering electronics manufacturer, created to address the gap between design and local production.

Rather than importing ready-made units, we engineer and build electronics from scratch, bringing R&D, industrial product design, PCB fabrication, SMT assembly, and mass production together in one facility.

वि.सं. २०७८ बाट सुरु भएको यस यात्रामा, यार्सा टेक नेपालकै ठूलो स्तरमा उपभोक्ता इलेक्ट्रोनिक्स उत्पादन गर्ने एक अग्रणी संस्थाको रूपमा स्थापित भएको छ। हामी केवल एउटा कम्पनी मात्र होइनौं, नेपालमा गुणस्तरीय इलेक्ट्रोनिक्स उत्पादनको जग बसाल्ने एउटा प्रयास हौं।



What We Do

- 01** Electronics Product Design
- 02** Device Manufacturing
- 03** IoT Systems
- 04** Fintech Hardware
- 05** GPS & Attendance Systems
- 06** Custom Engineering Solutions



Our Vision

01 Build Locally

Strengthening local engineering and manufacturing to build world-class technology products.

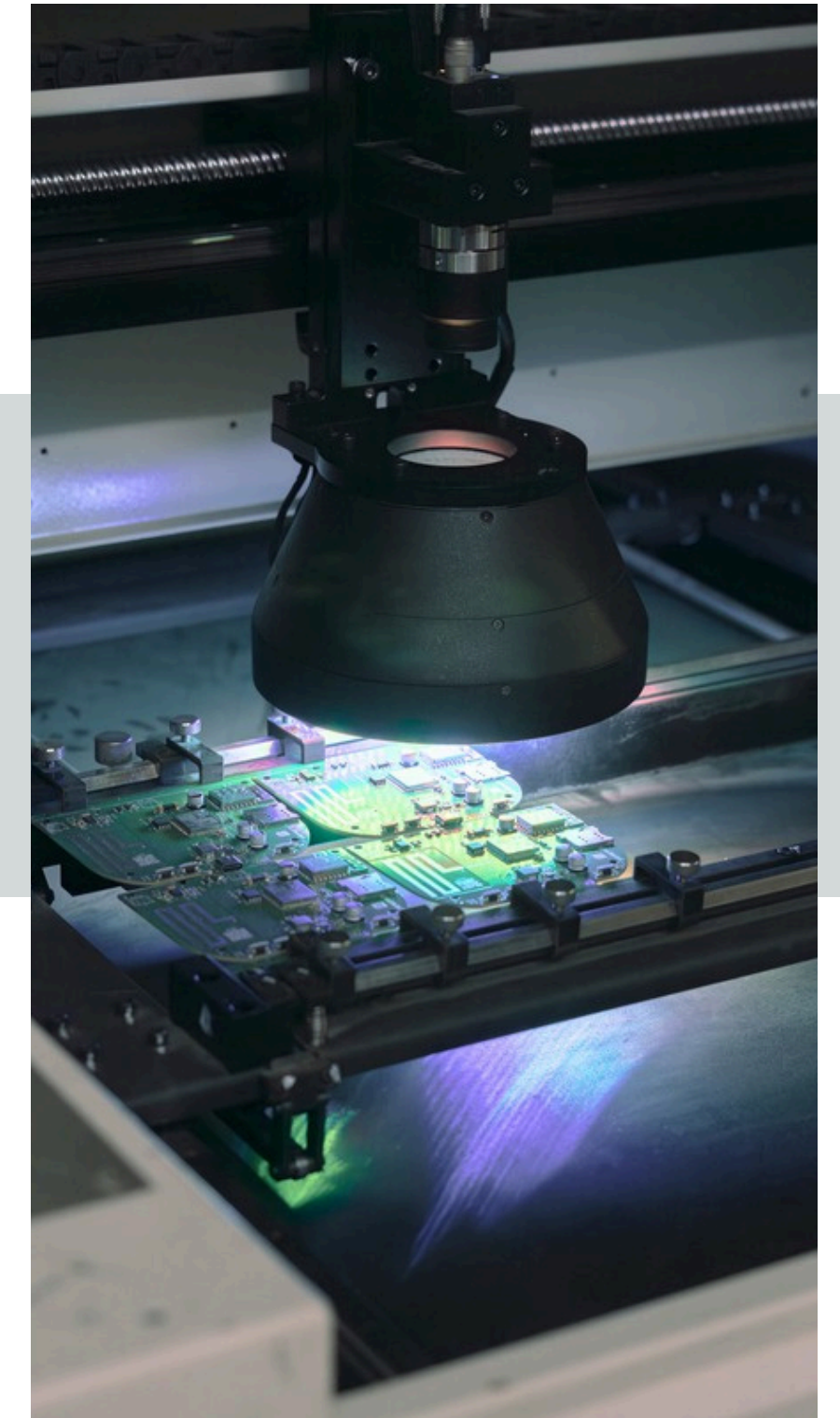
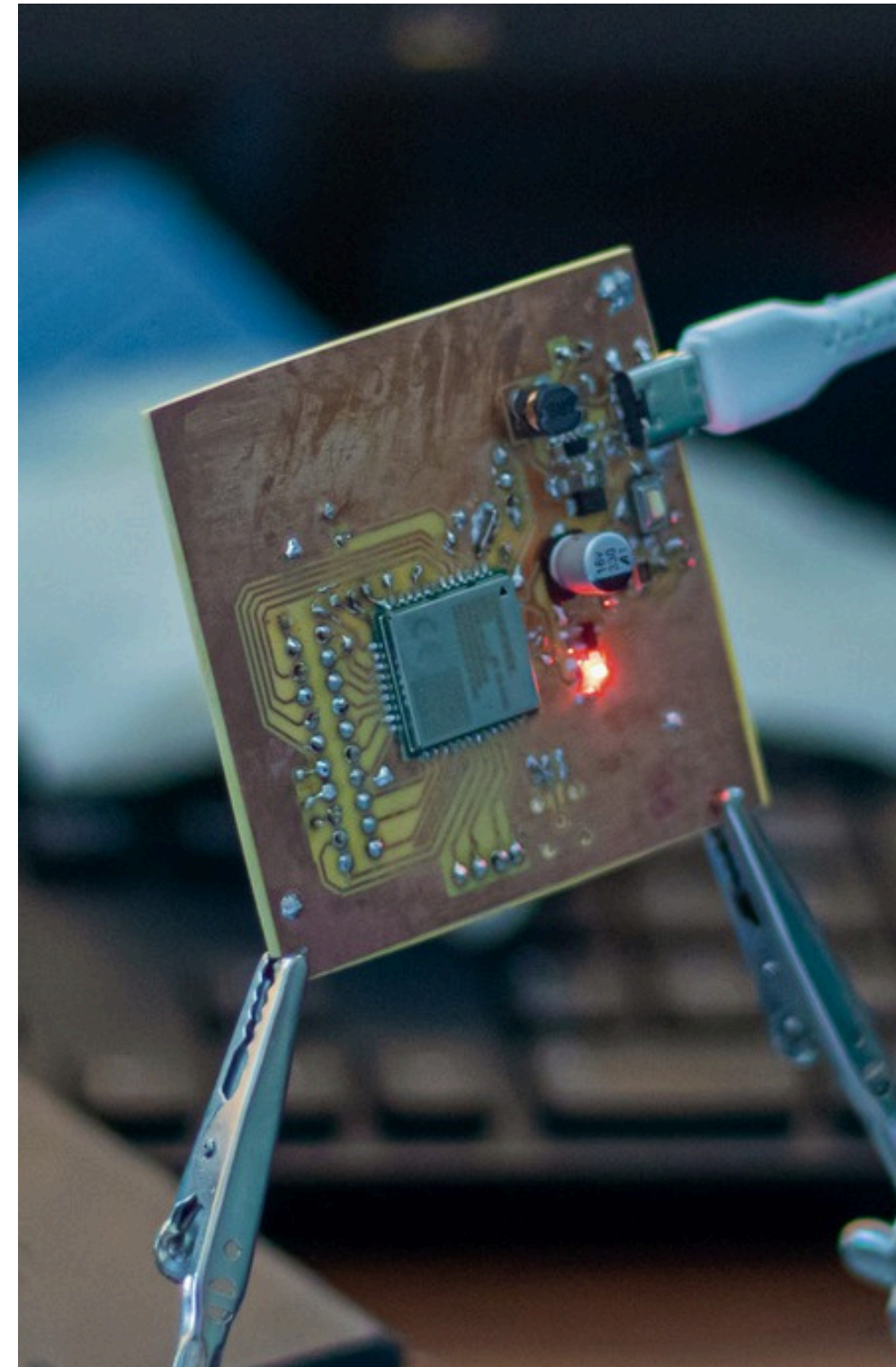
02 Innovate Continuously

Developing innovative hardware and software solutions through continuous research and engineering.

03 Grow Globally

Expanding products, manufacturing, and technology solutions to global markets.

स्वदेशी उत्पादन, विश्वस्तरीय प्रविधि र निरन्तर आविष्कारको लक्ष्य।





Why Yarsa Tech?

01 Hardware + Software integration

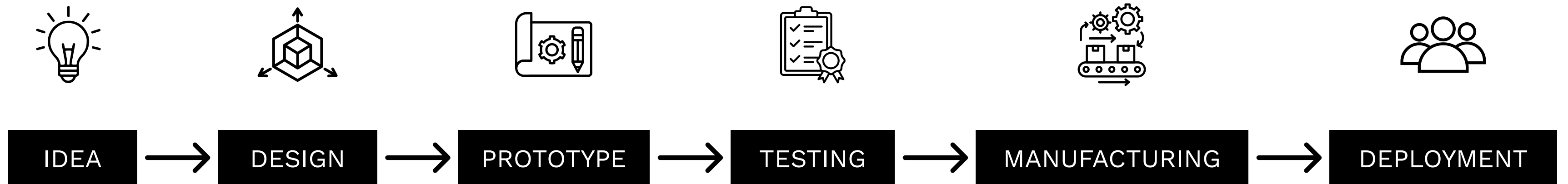
02 In-house manufacturing

03 Rapid prototyping

04 Scalable product development

05 Real-world deployments

Product Development Flow



At Yarsa Tech, we handle the entire hardware journey, from concept to finished product, with an integrated, end-to-end workflow that eliminates friction, rework, and needless handoffs.

Idea तथा डिजाइनदेखि उत्पादनसम्मको पूर्ण स्वामित्व आफैसंग भएकाले हामीले उच्च गुणस्तर र भरपर्दो सेवा दिन सकेका छौं।

Facilities & Labs

Integrated facilities for engineering, electronics manufacturing, assembly, and mechanical production, based in Pokhara.



Product **Portfolio** Overview

Yarsa Tech builds a wide range of electronic devices across fintech, IoT, and consumer electronics.

नेपाली आवश्यकता अनुसार हरेक क्षेत्रका लागि आधुनिक, भरपर्दो र पूर्णतः स्वदेशी हार्डवेयर समाधानहरू।



AudiQR

QR-based payment device with audio confirmation used in digital transactions.

नेपाली व्यवसायीहरूका लागि डिजाइन गरिएको आधुनिक
Payment Notifier - सहज र सुरक्षित कारोबार।

01 Static Merchant QR

02 GSM, WiFi, GSM+WiFi

03 Audio Announcement after
Successful Transaction



[Video ↗](#)

NiziPOS - Dynamic QR

Multiple variants designed for different payment and business use cases.
Integrated with banking and fintech systems.

प्रत्येक कारोबारको छुट्टाछुट्टै क्यूआर कोड।

- 01** LCD Display for Dynamic QR
- 02** USB, USB+Keyboard, WiFi
- 03** Audio-visual Announcement after Successful Transaction



[Video ↗](#)

NiziPOS Variants



B30

2.8" Display

B31

2.8" Display + 3W Speaker

B32

3.5" Display

B33

3.5" Display + 3W Speaker

B33

CPQR

B34

NFC

B35

NFC + CPQR



NiziPOS Standalone

Our most advanced POS lineup with 5 variants, engineered for total independence with integrated 2600 mAh battery backup, a 2W speaker and an external 23 keys numpad keyboard with display.

परम्परागत कारोबारलाई आधुनिक डिजिटल प्रविधिसँग जोड्ने एउटा भरपर्दो आधार। पावर ब्याकअप र सहज डिजाइनले गर्दा यसले हरेक व्यवसायको दैनिक संचालनमा स्थायित्व र गति प्रदान गर्दछ।

C41

2.8" LCD

C42

3.5" LCD

C43

3.5" LCD + NFC

C44

3.5" LCD + CPQR

C45

3.5" LCD + NFC + CPQR



NiziScan

1D/2D code scanner used for retail, healthcare, manufacturing and more.

डिजिटल नेपालको आधार। स्वदेशमै उत्पादित उच्च प्रविधियुक्त यस Scanner सरकारी निकायदेखि Logistic कम्पनीहरूमा समेत प्रयोग भइरहेको छ।

01 Compatible for All Standard
1D/2D Codes

02 USB, USB+BLE

03 Buzzer & Light Indication



[Video ↗](#)

NiziScan Variants

NiziScan

01 USB, USB + Bluetooth

02 30 fps / 180ms decode

Wired



Wireless



NiziScan Pro

01 USB, USB + Bluetooth

02 60 fps / 120ms decode



Nizi Power

Reliable Compact Battery Backup System for WiFi Routers and CCTVs.

इयाप्प-इयाप्प बत्ती गइरहने र इन्टरनेट काटिने समस्याको समाधान, हाम्रो पहिलो उत्पादन। हजारौं नेपाली घरमा पुगेको हाम्रो पहिलो प्रोडक्ट: Nizi WiFi Router Powerbank

- 01** 18650 Li-ion cells
- 02** Multi-stage QC tests
- 03** Designed for continuous use



[Nizi Power कसरी बन्छ, हेर्नुहोस् Video 7](#)

Nizi Power Variants



Nizi Power 8800 mAh

12V DC IN
12V DC + 5V USB OUT

Retired Product



Nizi Mini Wifi Router Powerbank

12V DC IN / 12V DC OUT
5200 mAh

2G+5G राउटरलाई ४ घण्टाको Backup



Nizi WiFi Router Powerbank

12V DC IN / 12V DC OUT
10400 mAh

2G+5G राउटरलाई ८ घण्टाको Backup

NiziTap - Attendance Device

NFC-enabled smart attendance and transportation tracking systems with check-ins check-outs and real-time reports.

Smart Attendance देखि GPS ट्र्याकिङसम्म। हरेक संस्था र ट्रान्सपोर्ट कम्पनीका लागि डिजाइन गरिएको Smart समाधान।

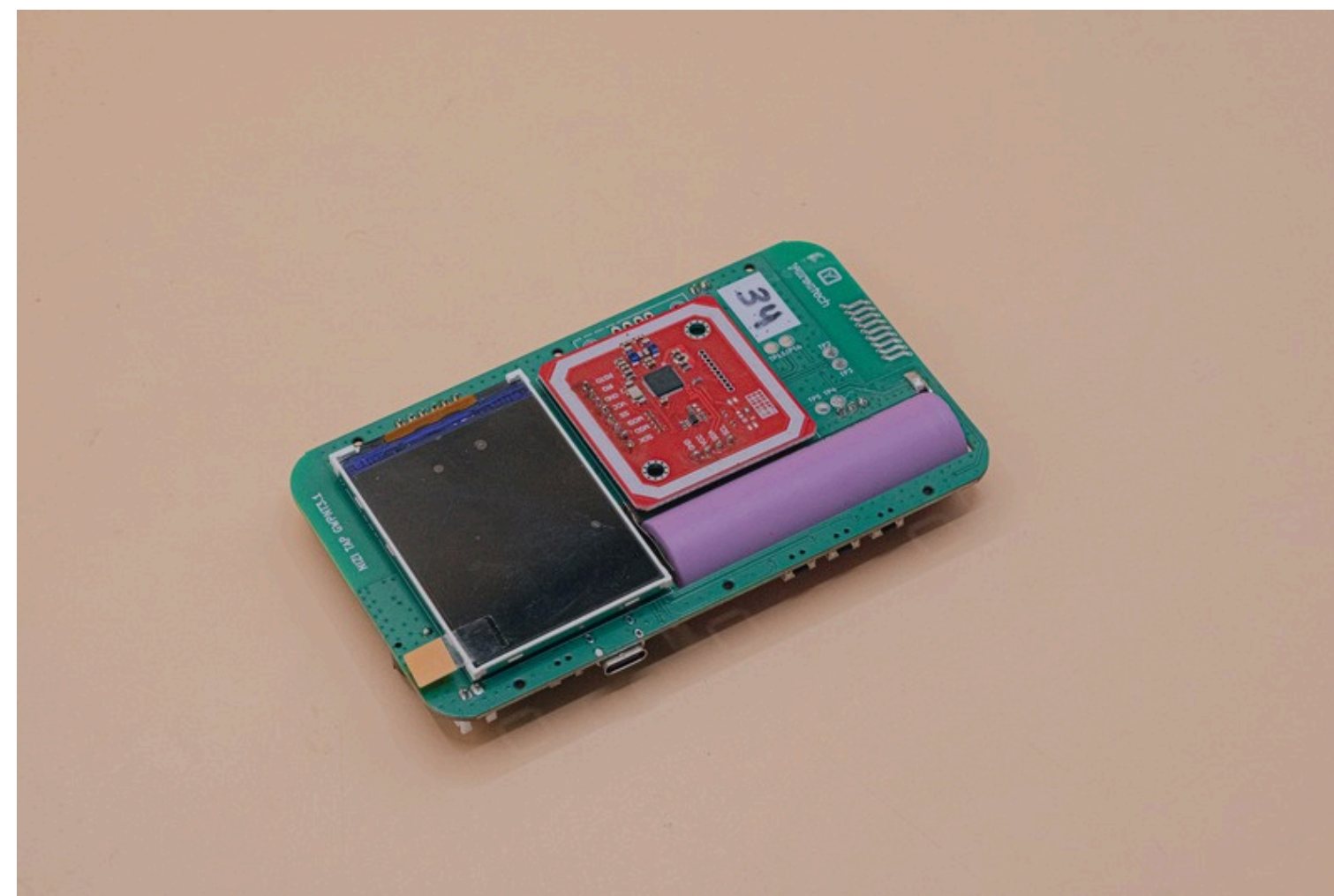
- 01** 2.4" LCD, Buzzer
- 02** NFC+WiFi, NFC+GPS+GSM
- 03** Outdoor or Indoor Option



NiziTap



NiziTap Attendance



भित्री बनोट

विशेष गरी स्कुले बालबालिकाको सुरक्षाका लागि बनाईएको स्कुल बस Tracking र NFC आईडी कार्डमार्फत स्मार्ट हाजिरी गर्न मिल्ने Device।

Surge Protector

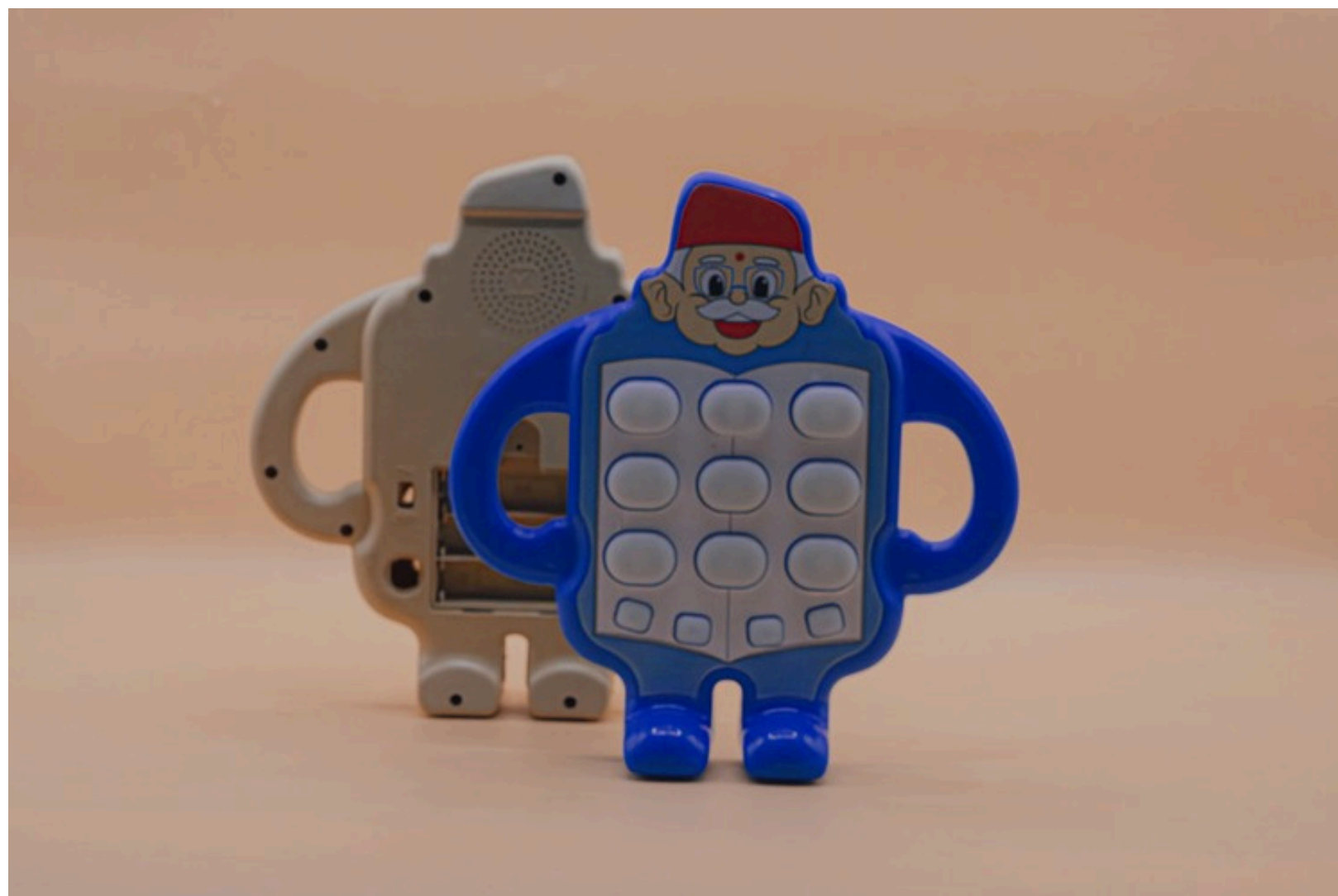
Built with high-grade copper alloy busbars for maximum conductivity and an easy-extendable point for seamless daisy-chaining.

बाहिर मात्र होइन, भित्र पनि उत्तिकै बलियो। बारम्बार multiplug फेरिरहने झन्झटबाट मुक्ति दिन हामीले आफैँ डिजाइन गरी manufacturing गरेको नेपाली उत्पादन।

- 01** Child Safety Shutters on L/N/E
- 02** Auto-reset Fuse and Integrated Varistor
- 03** Ergonomic Plug Spacing



Other Products



NiziTOY - बाजेका कथाहरू

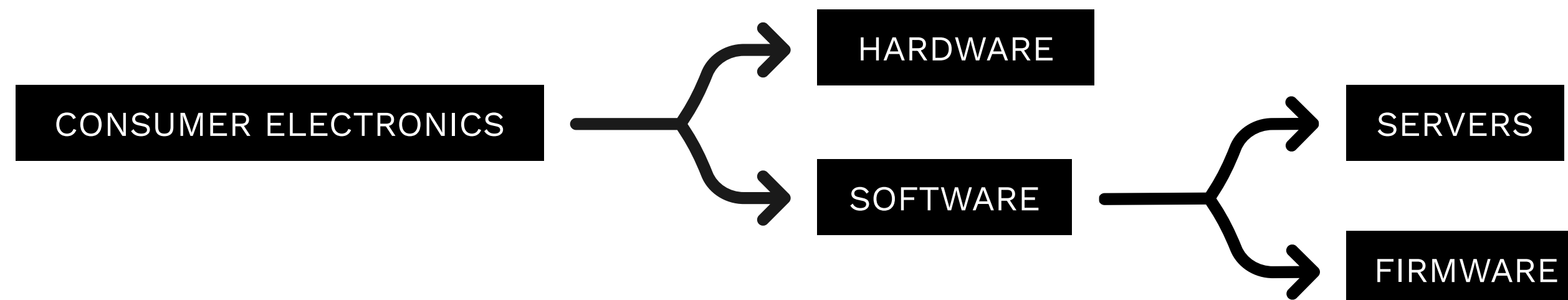
हाम्रो संस्कार र संस्कृति अब ससाना नानीबाबुहरूको हातमा। रमाइला लोककथा र गीतहरूका माध्यमबाट बालबालिकालाई नेपाली भाषासँग जोड्ने एउटा प्रयास।



Chant Box

आफ्नो श्रद्धा अनुसार देवी-देवताका तस्विर र भजनहरू राख्न मिल्ने Chant Box. दैनिक पूजा-आजा र मान्यजनहरूका लागि एउटा उत्कृष्ट तथा सम्मानजनक उपहार।

Product **Ecosystem**



Empowering a Digital Nepal by bridging the gap between physical hardware and cloud intelligence.

डिजिटल नेपालको यात्रामा हामी केवल उपकरण मात्र बनाउँदैनौं। हरेक समस्याको गहिराइलाई बुझेर हार्डवेयर, सफ्टवेयर र क्लाउडको पूर्ण समायोजनमार्फत हामी आधुनिक र सुरक्षित भविष्य निर्माण गर्छौं।

Clients Overview

Devices deployed across banks, hospitals, government, transport systems,
and general households.



Fintech Integrations



eSewa



NepalPay



FonePay

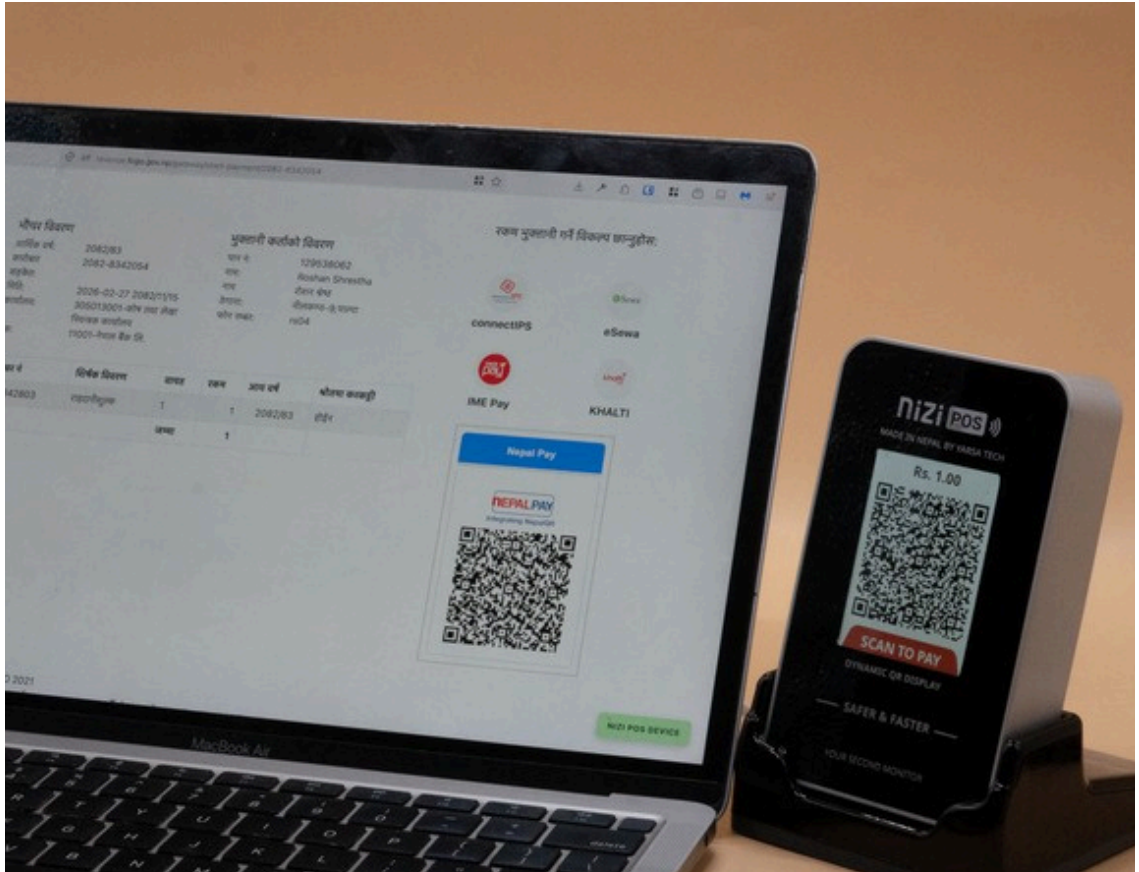


NIMB

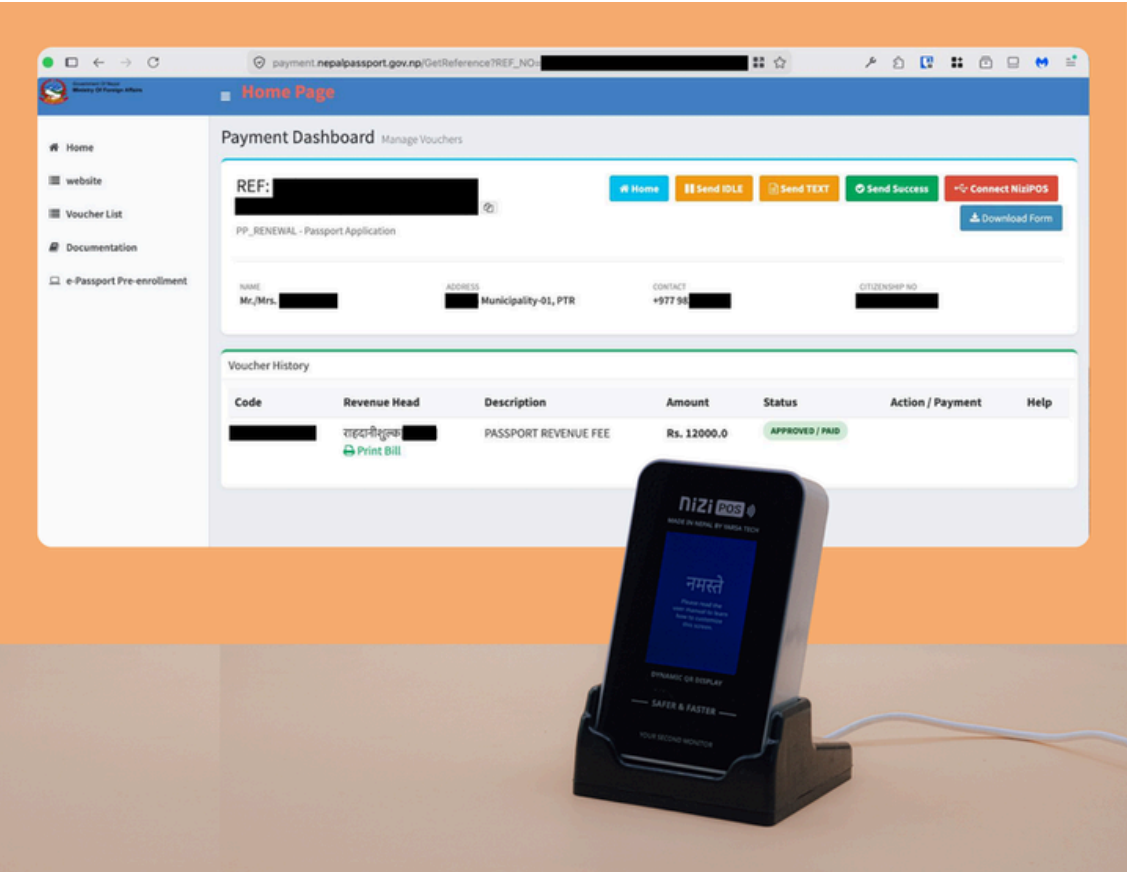
Government Systems



Sub-National Treasury Regulatory Application (SuTRA)



Revenue.FCGO



Department of Passport

Trusted by Businesses Across Nepal



& more..

Major Hospitals



Bir Hospital



त्रिभुवन विश्वविद्यालय शिक्षण अस्पताल
Tribhuvan University Teaching Hospital
Maharajgunj, Kathmandu, Bagmati Pradesh, Nepal



Manmohan Memorial Medical College and Teaching Hospital
मनमोहन मेमोरियल मेडिकल कलेज एण्ड टिचिङ हस्पिटल



KATHMANDU MEDICAL COLLEGE



and more..

Transportation Systems



GPS & Attendance Systems

Real-time tracking +
attendance logging for team
and workforce management.



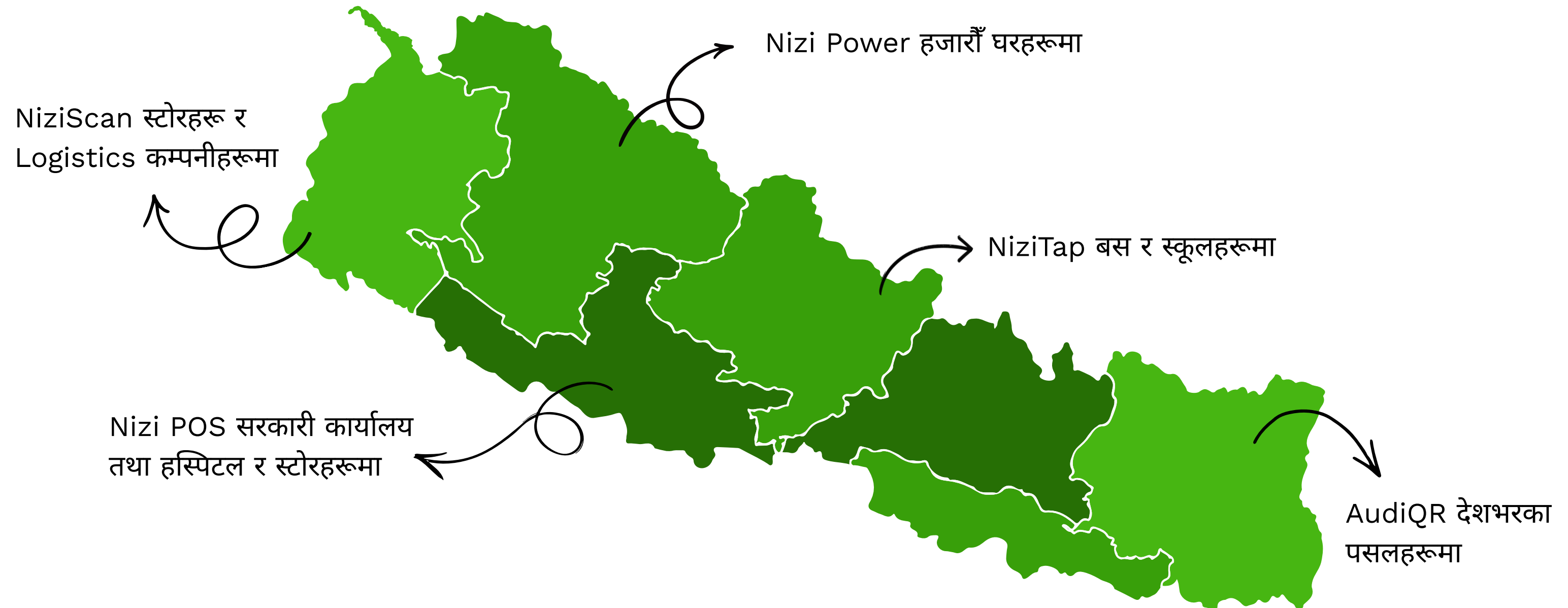
Export Project

Exporting innovation: We have deployed our attendance devices for Aruba, showcasing our capability to support complex software ecosystems globally.

हामीले यहाँ देखेको सपना आज सात समुन्द्र पारिका स्कूलहरूमा साकार भइरहेको छ।



Devices in Use

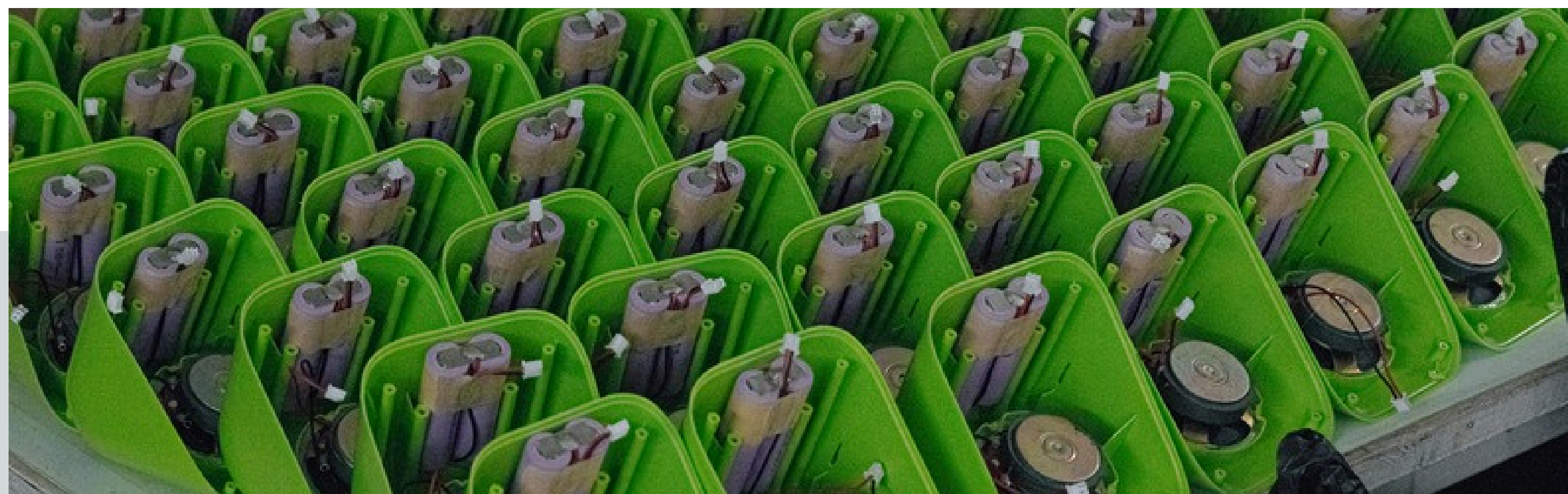


अबको लक्ष्य समृद्ध देश र अत्याधुनिक इलेक्ट्रोनिक्स प्रविधिमा अगाडि बढेका **'Made in Nepal'** उत्पादनहरू।

Manufacturing Overview

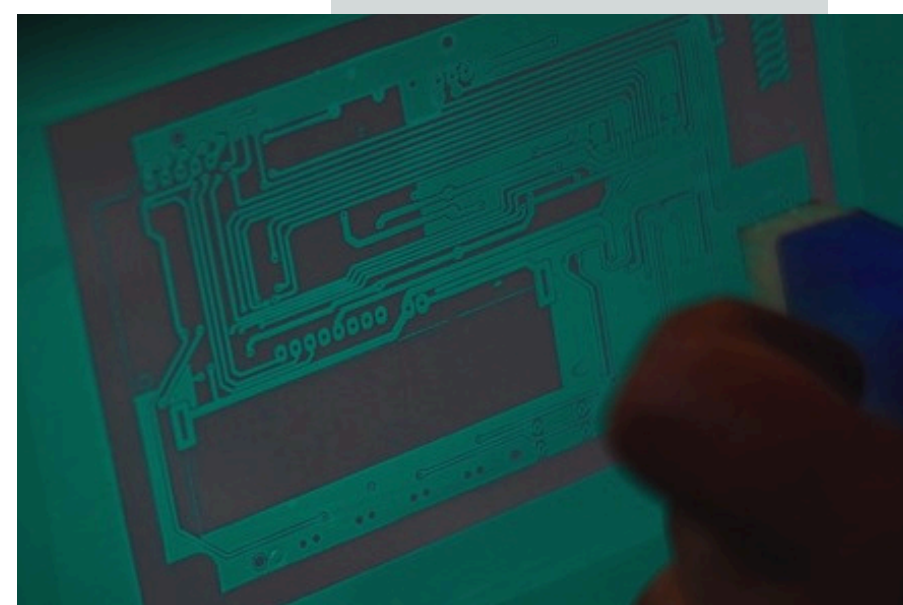
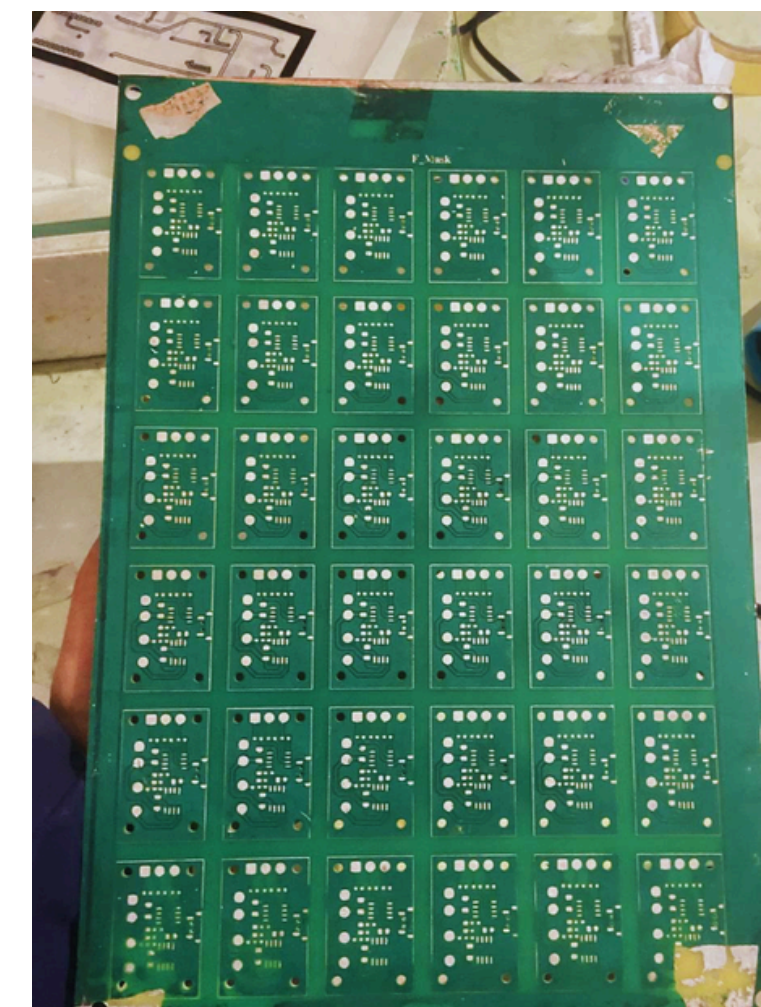
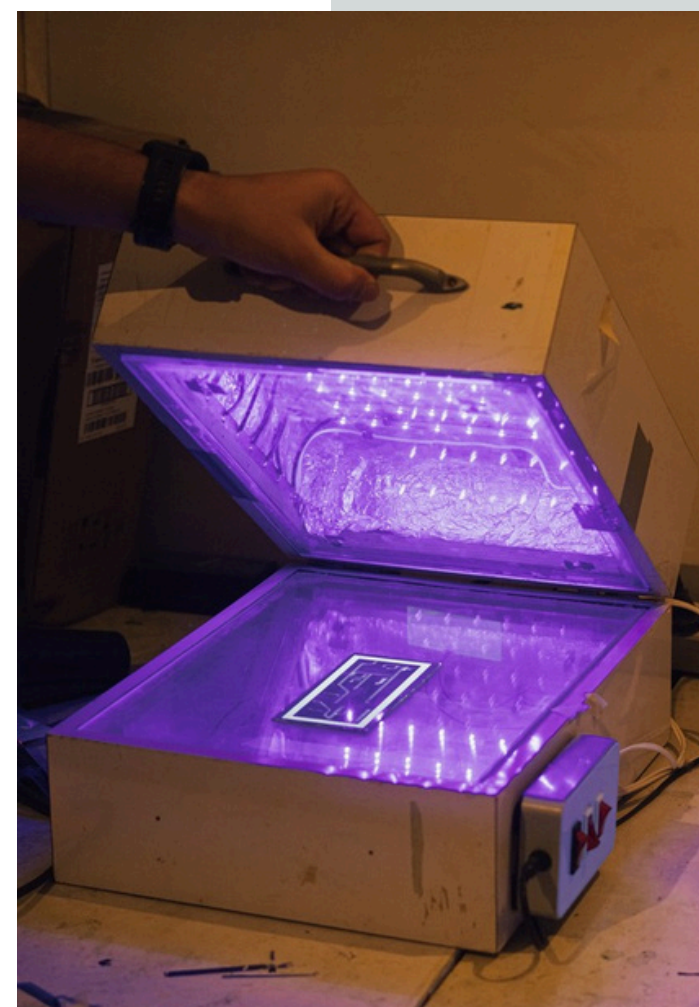
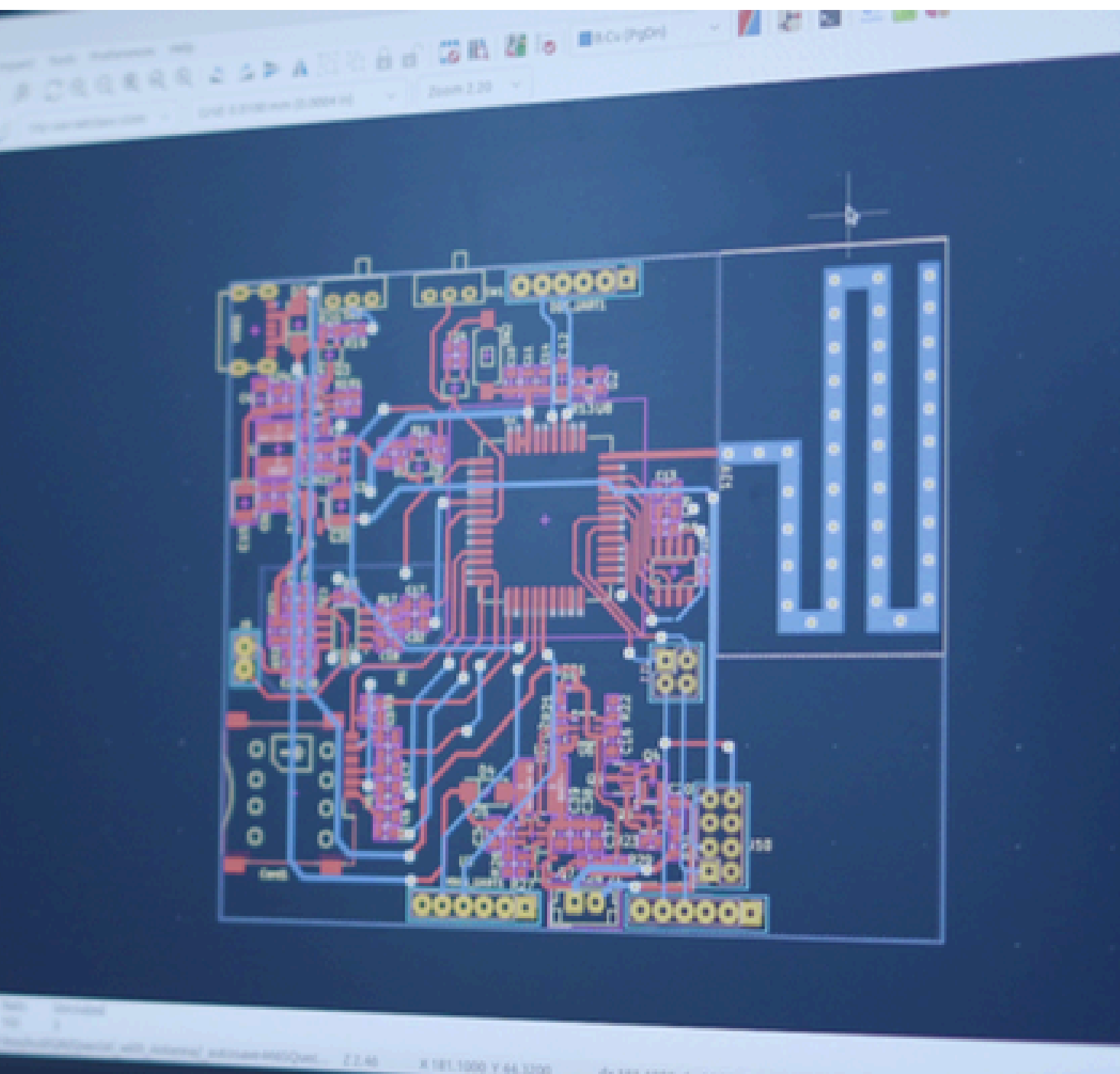
End-to-end electronics manufacturing from PCB to enclosure to the final product assembly.

दक्ष जनशक्ति र आधुनिक प्रविधिको संगम। नेपालमै इलेक्ट्रोनिक्स उत्पादन गर्ने हाम्रो आफ्नै अत्याधुनिक प्लान्ट।



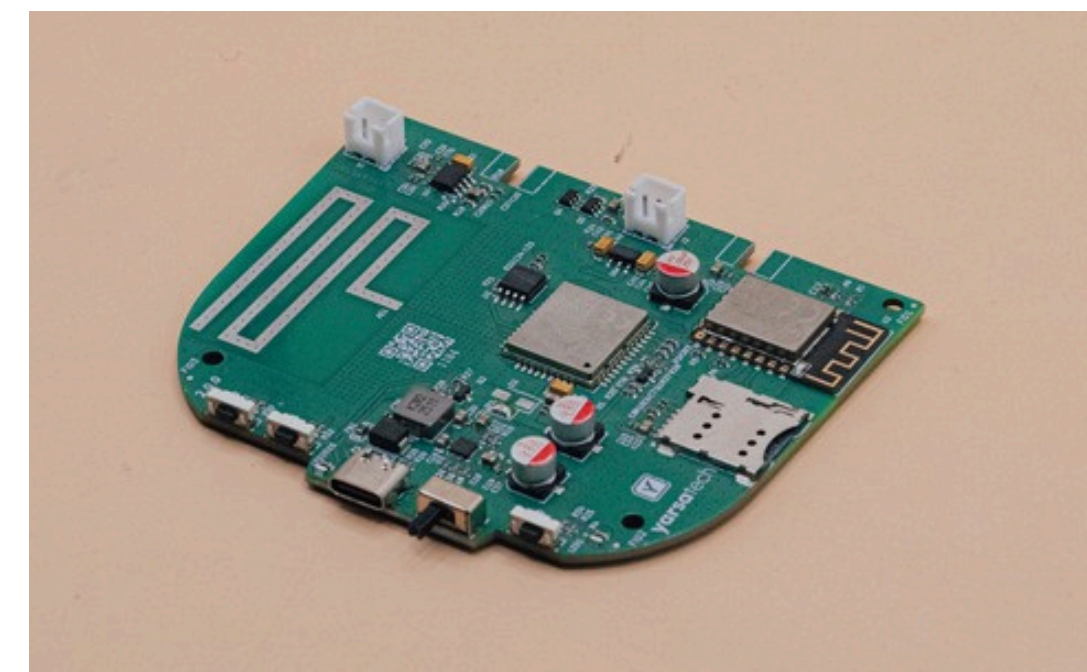
PCB Manufacturing

Custom PCB design and fabrication.



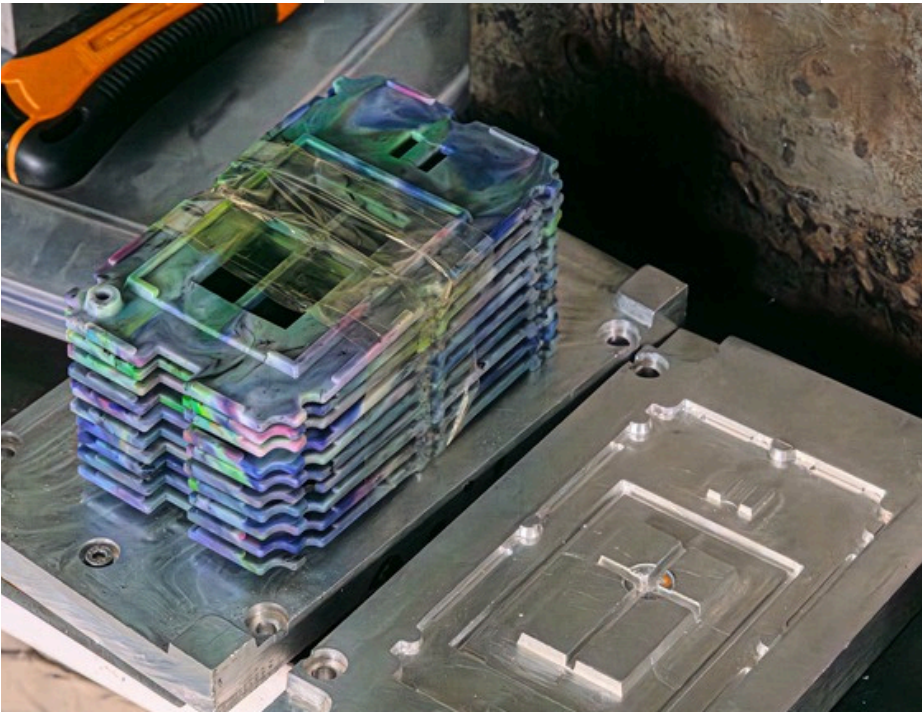
PCB Assembly

Component placement, soldering, and testing.



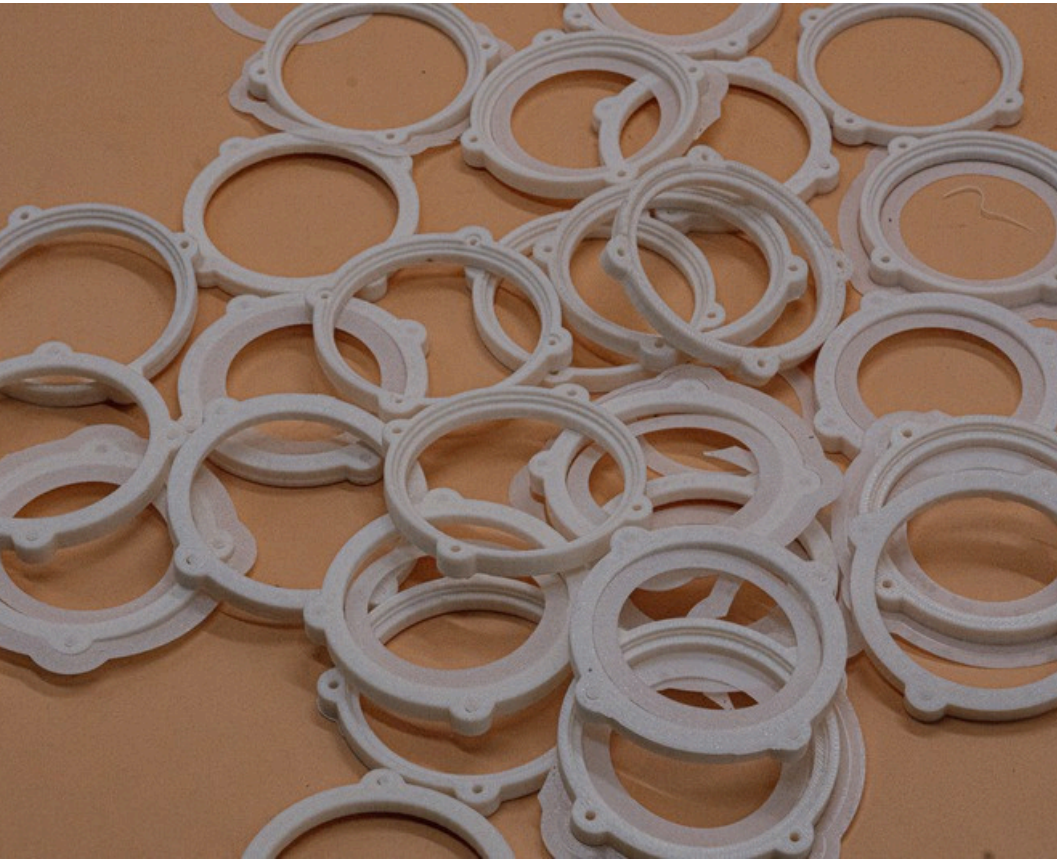
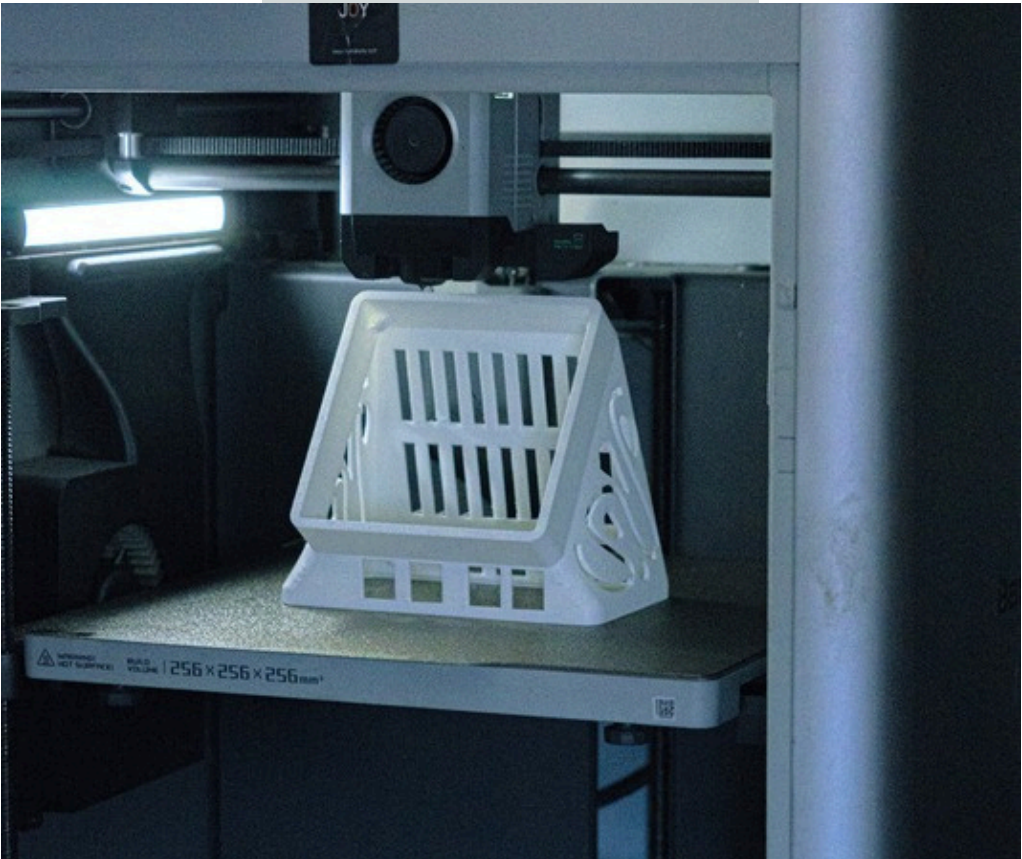
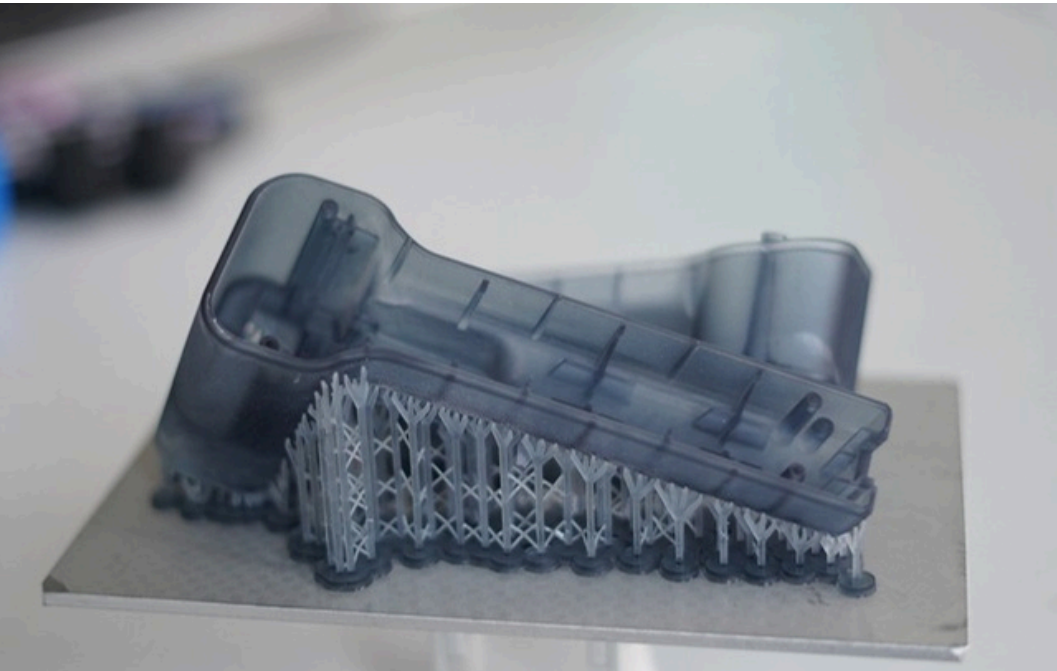
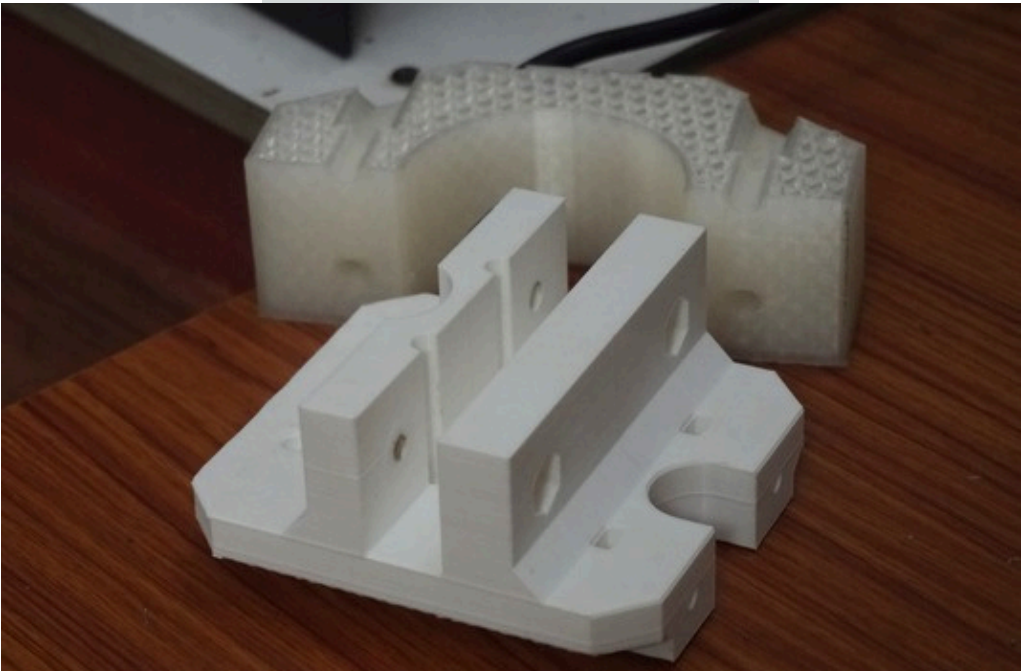
Injection Molding

Plastic enclosure manufacturing for products.



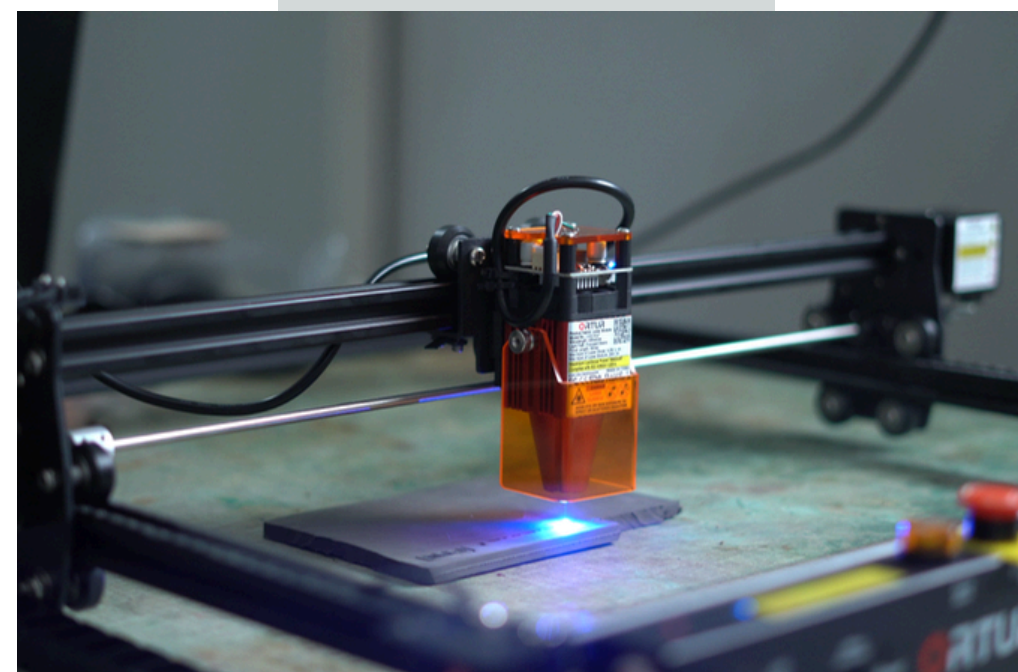
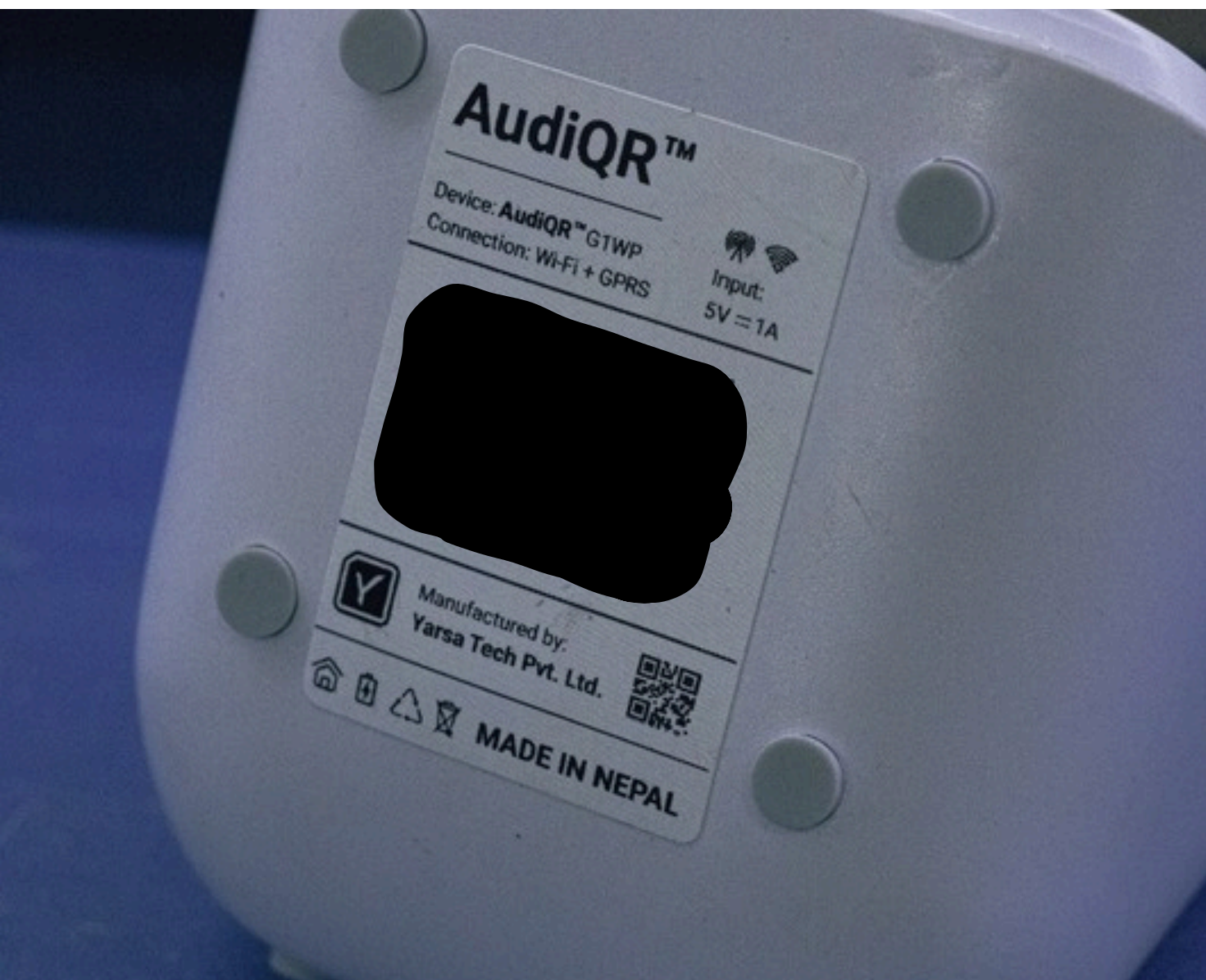
3D Printing

Rapid prototyping for product development.



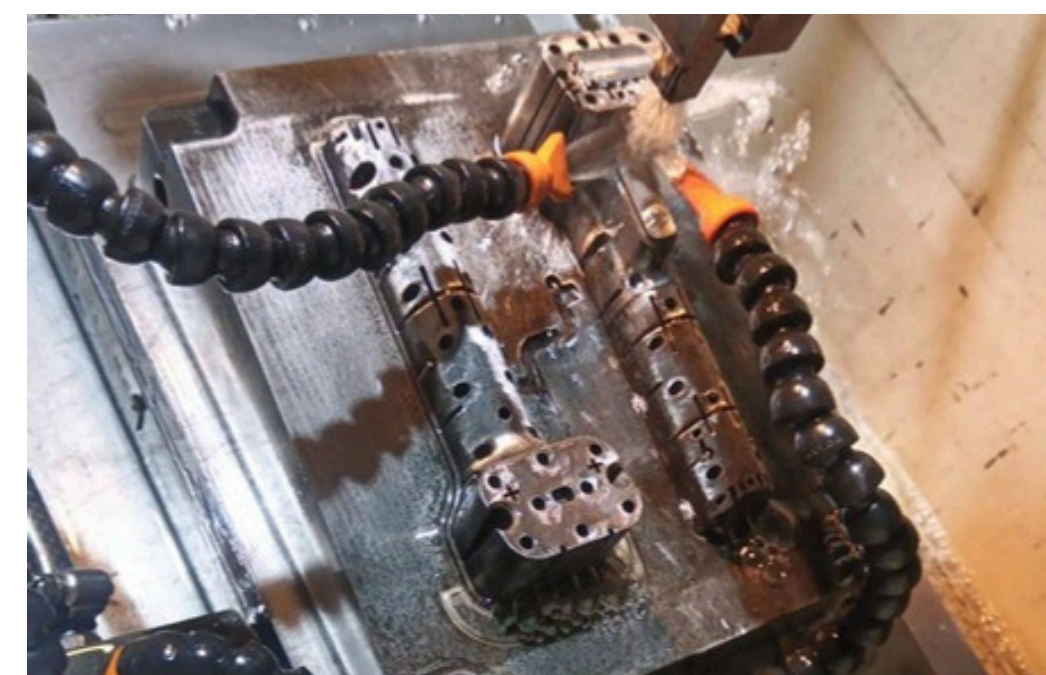
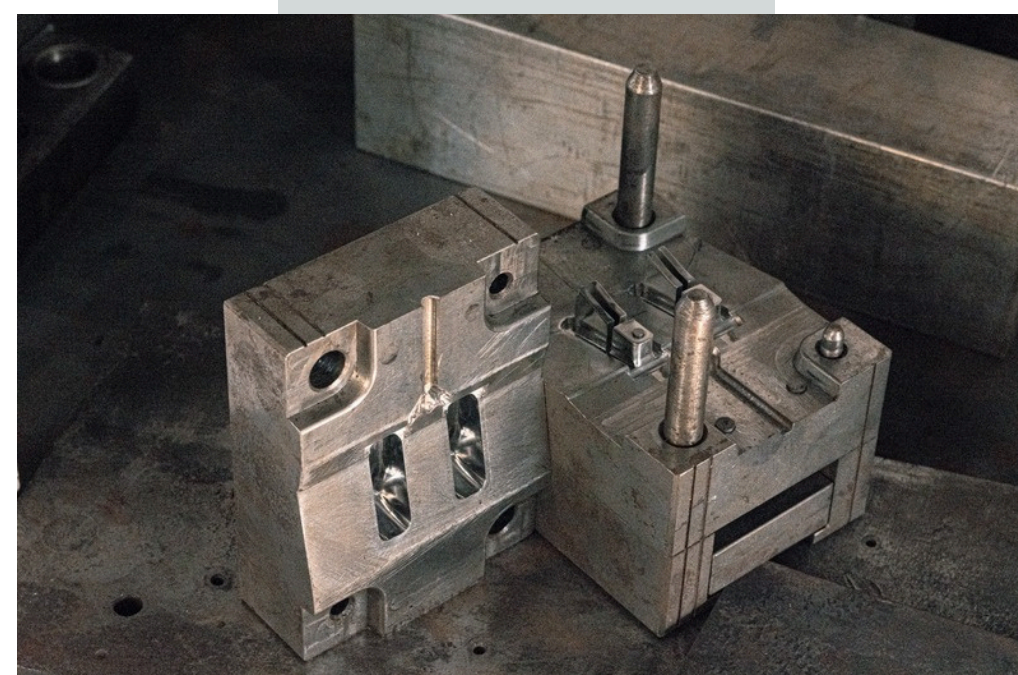
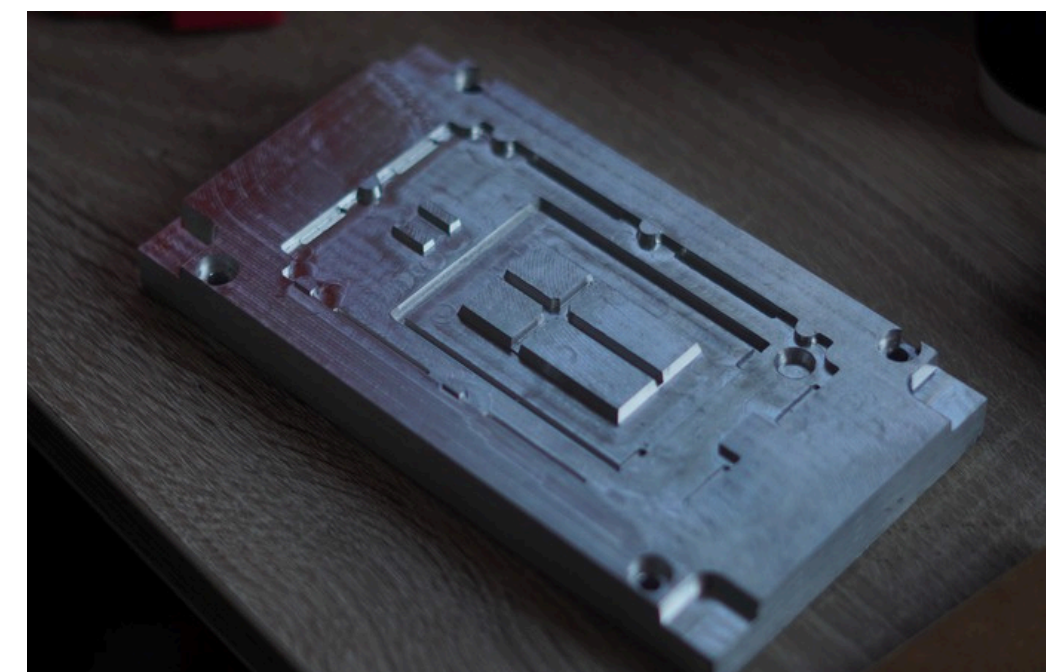
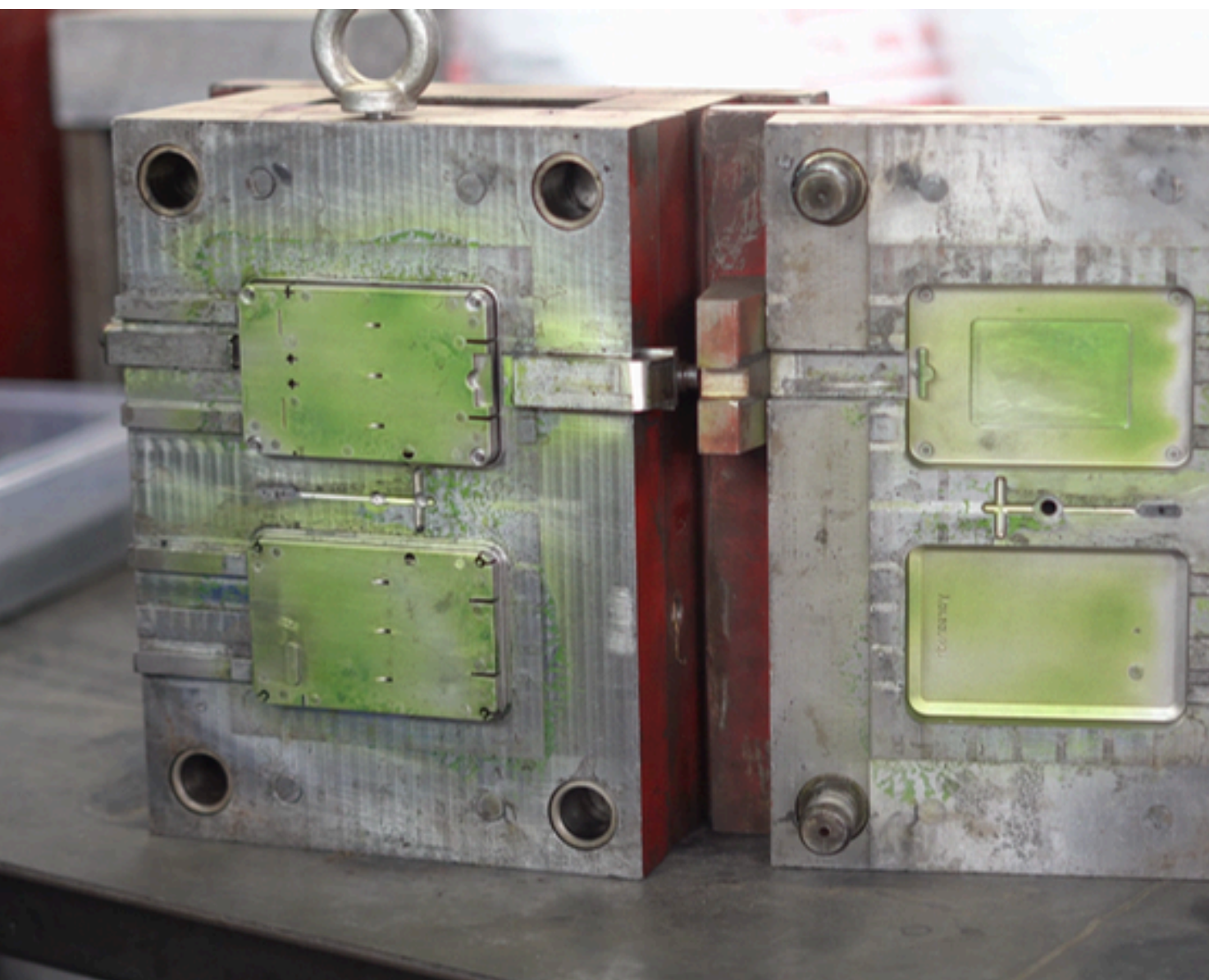
Laser, Print & Labels

Product finishing, branding, and labeling.



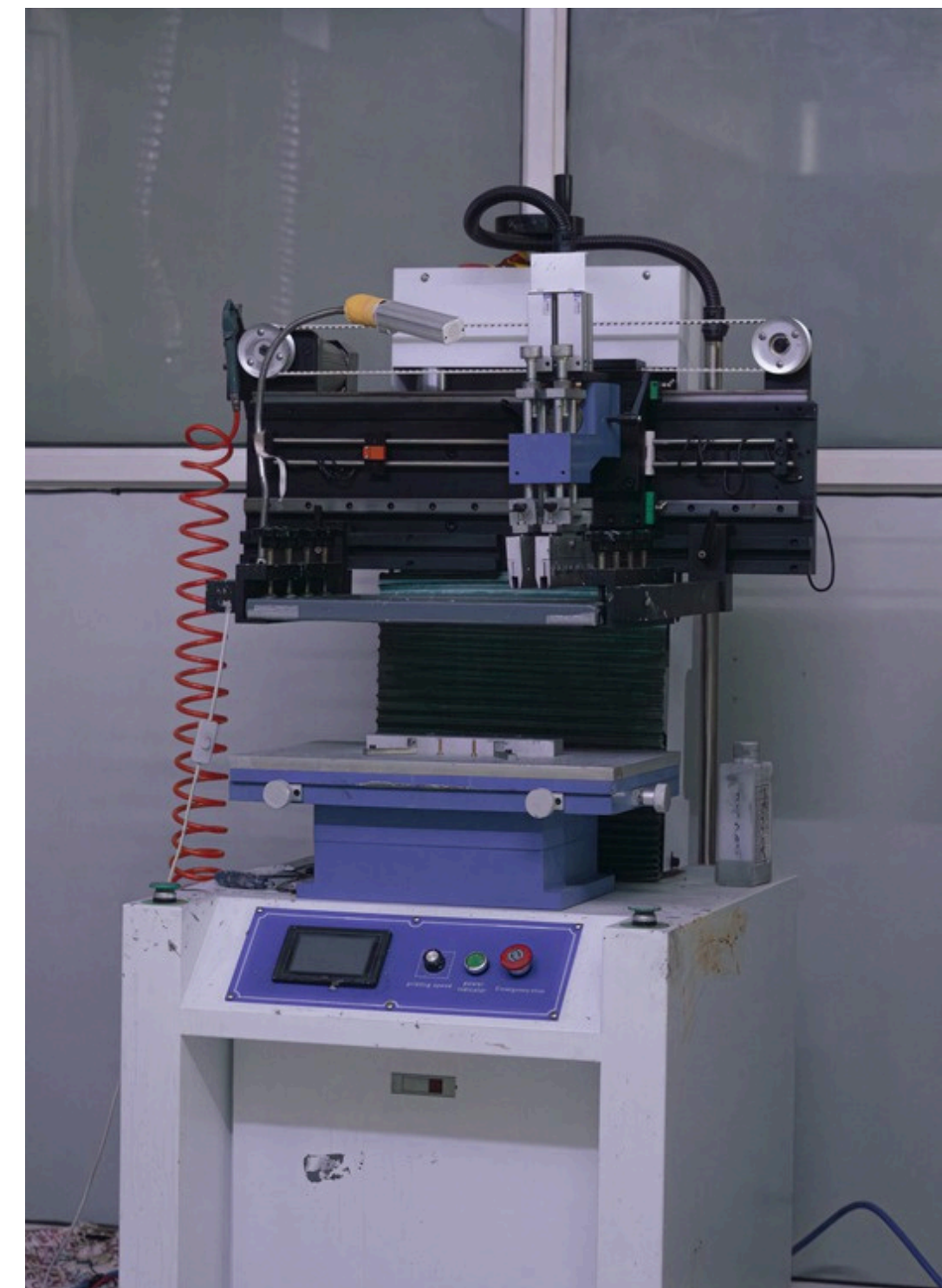
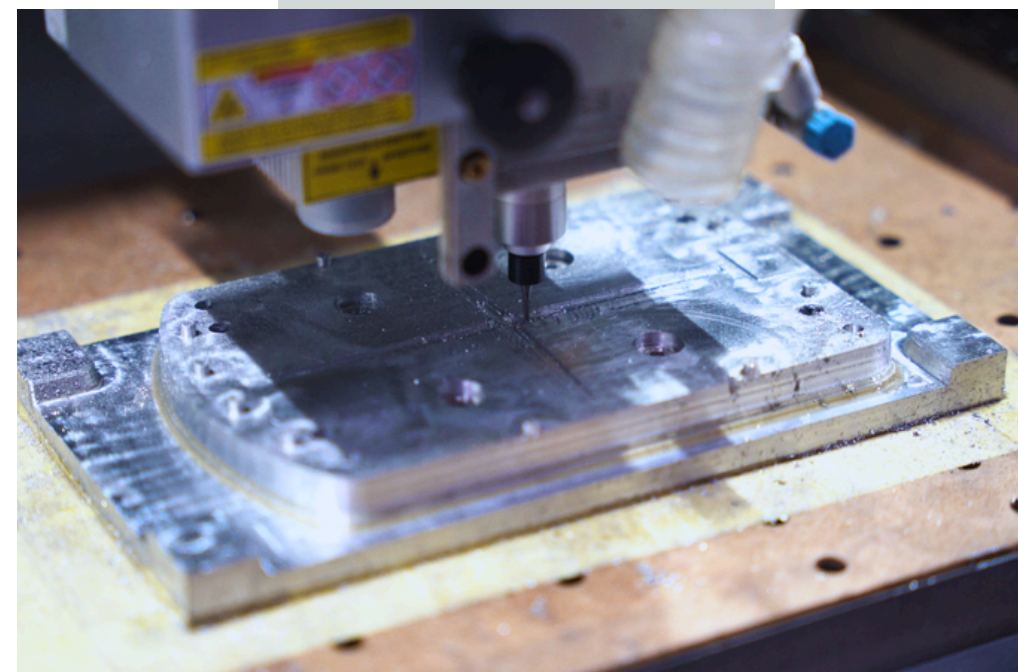
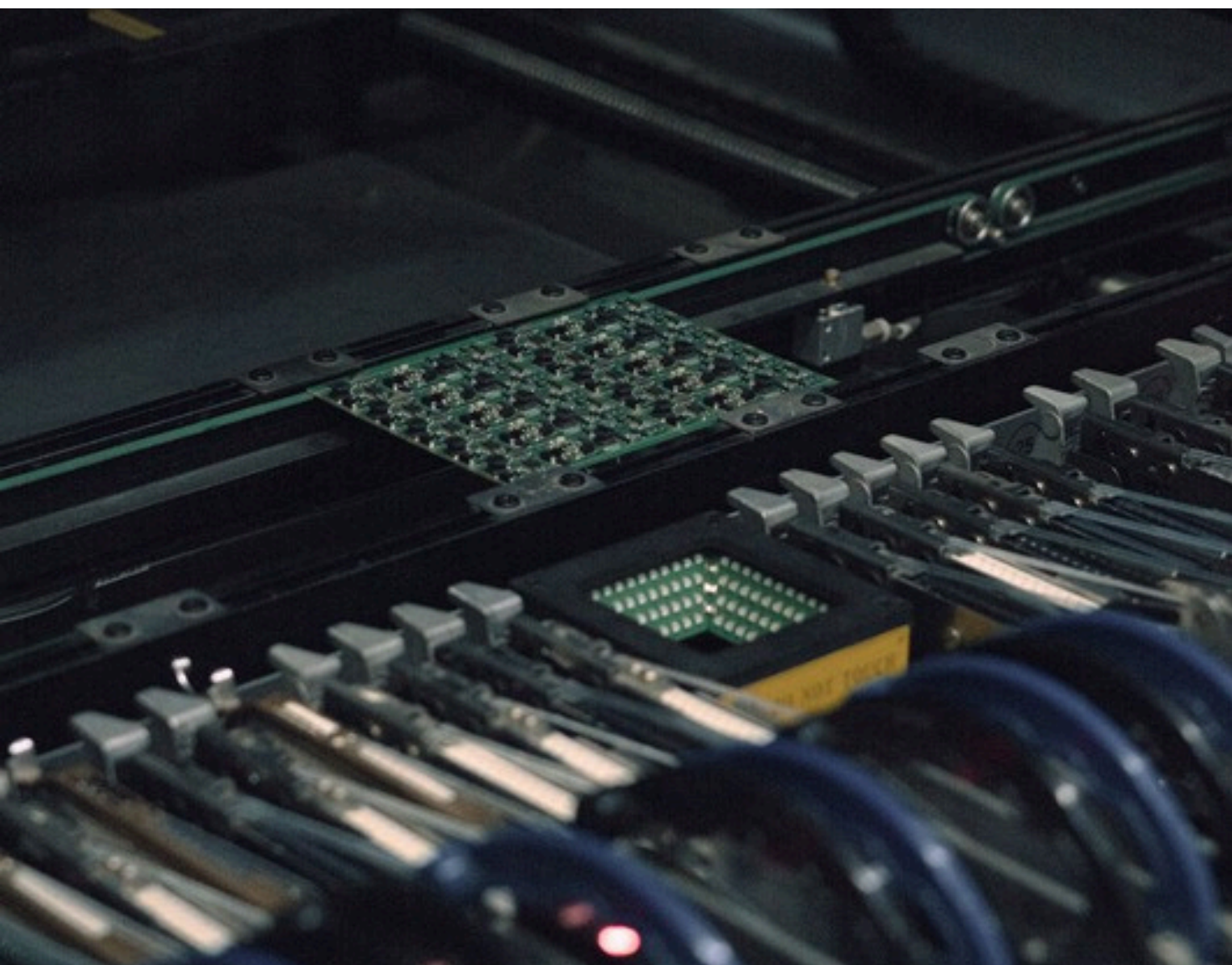
CNC Machining

High precision parts manufacturing.



Manufacturing Machines

In-house machines and equipment for electronics and product production.



Component Library

Extensive inventory of components for rapid prototyping and manufacturing

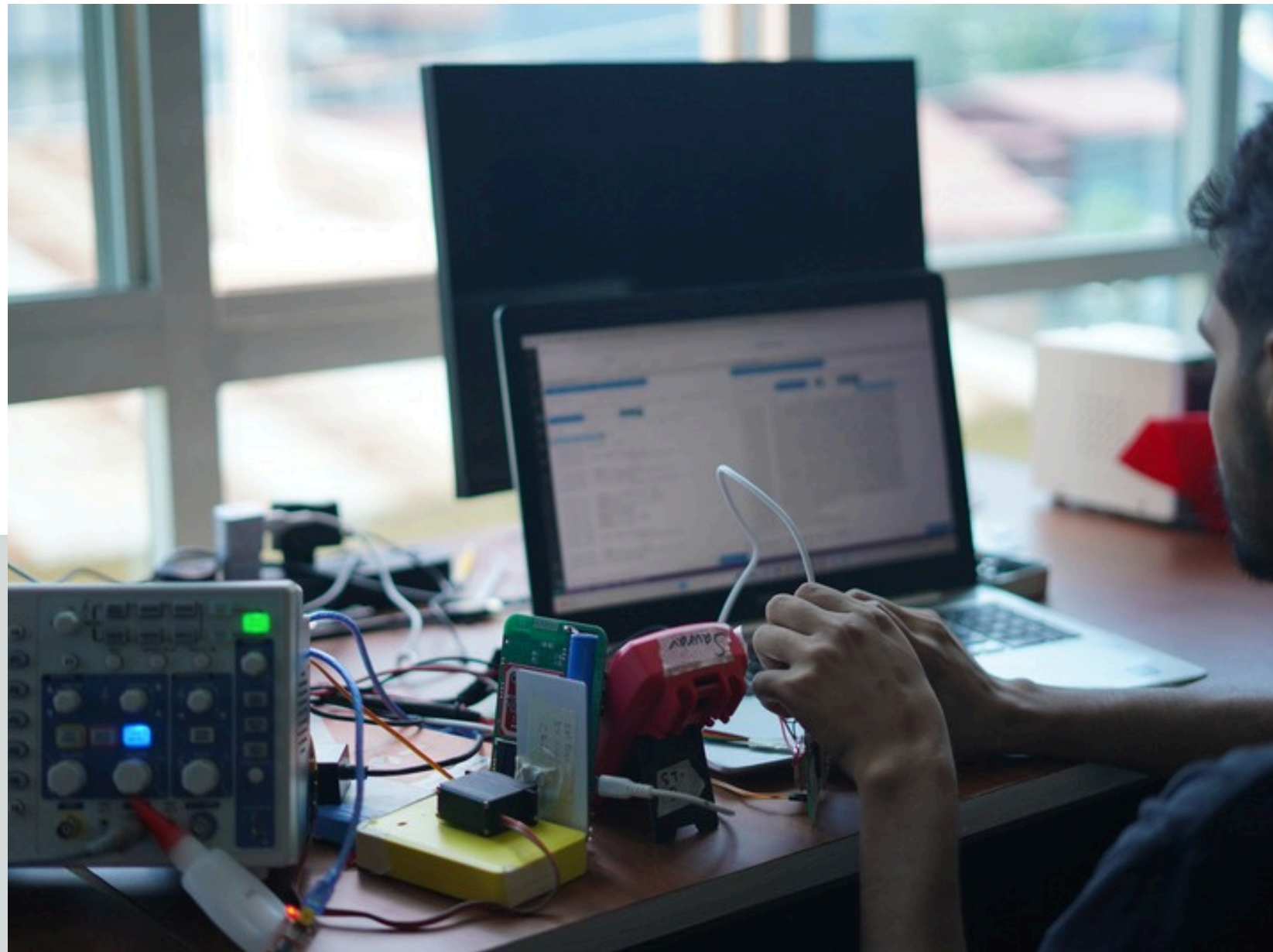


LOGGO™	ELECTROLYTIC CAPAC
Series	220UF/25V 8*12MM
P/ No.	SA 105°C
Lot No.	SA221M1EBKJ08
Qty	LOGGO20



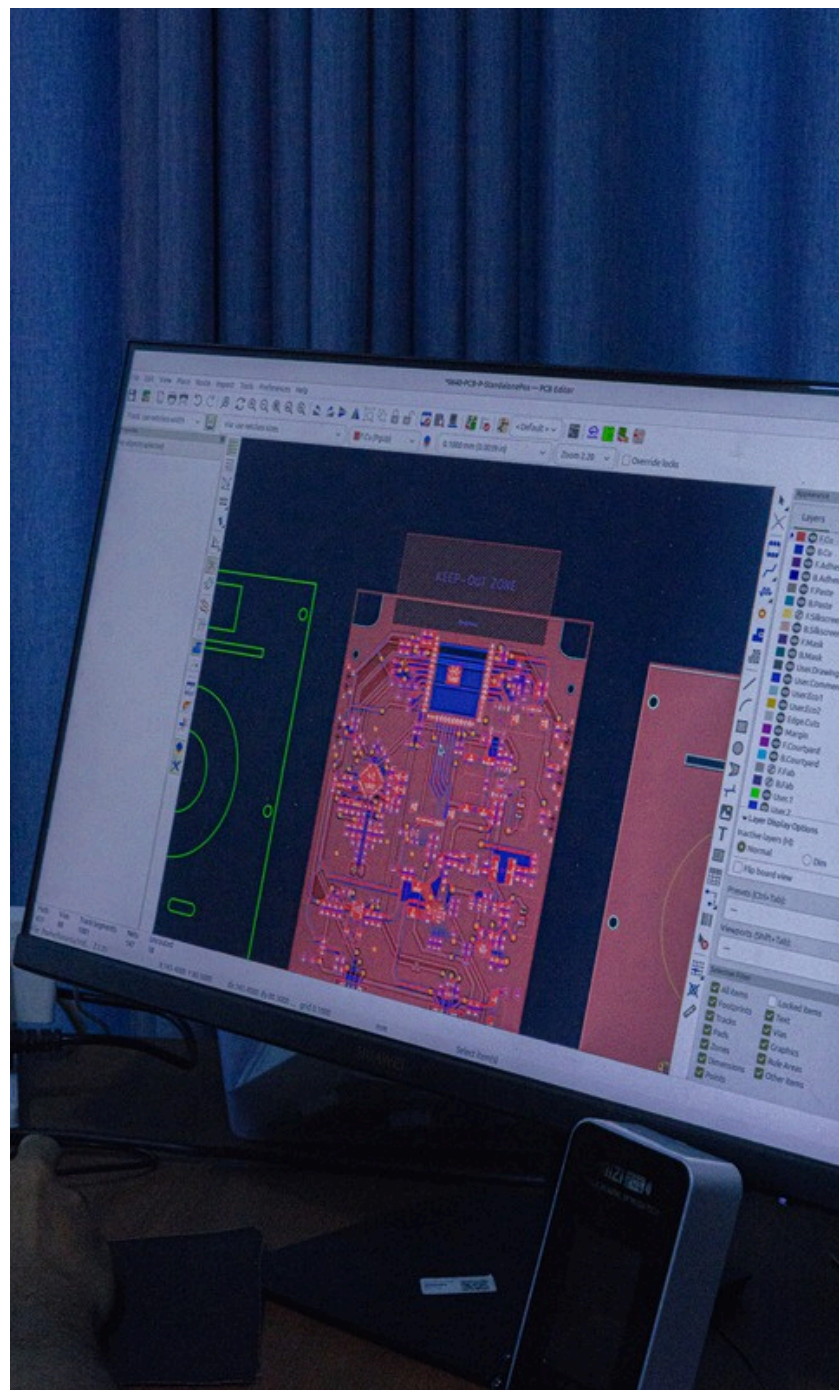
Engineering Overview

Hardware + Software + Embedded Systems

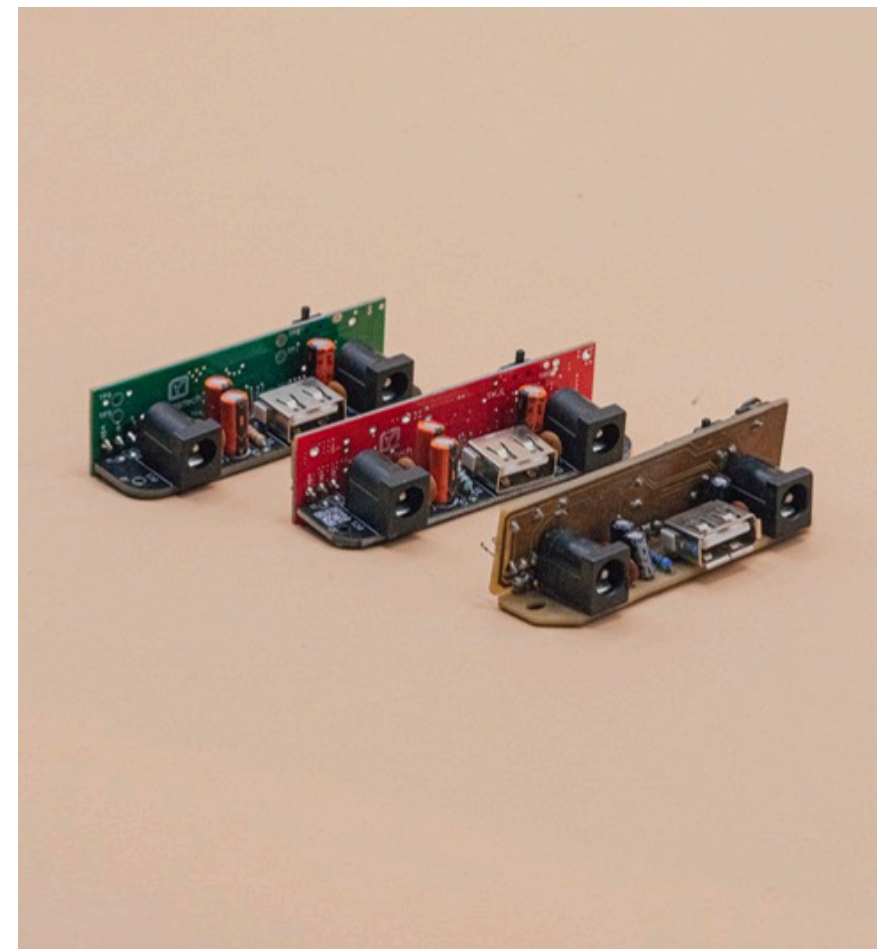


Hardware Engineering

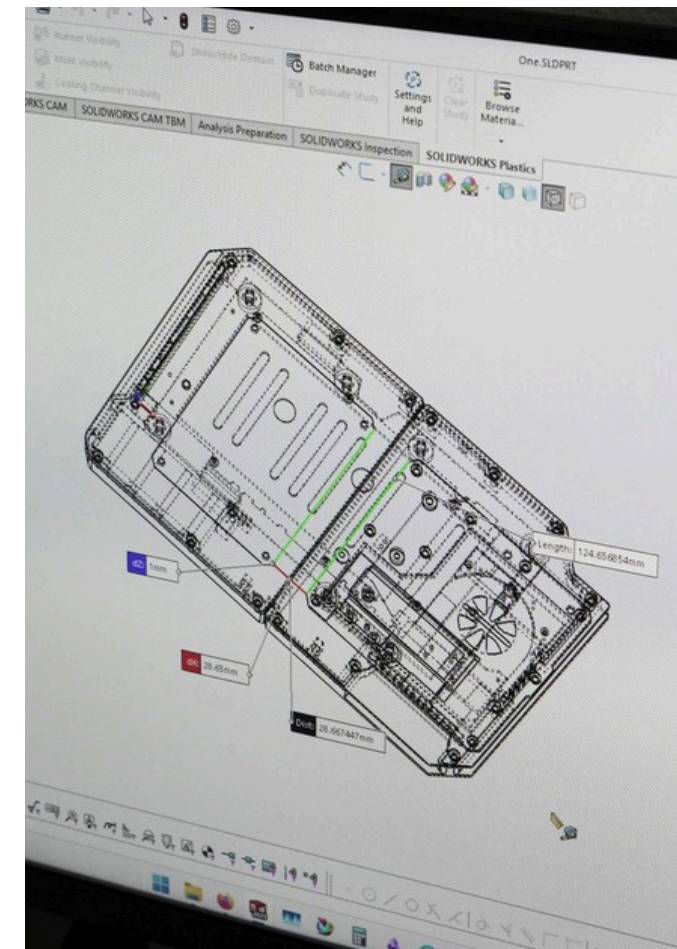
Circuit design, PCB design, enclosure design.



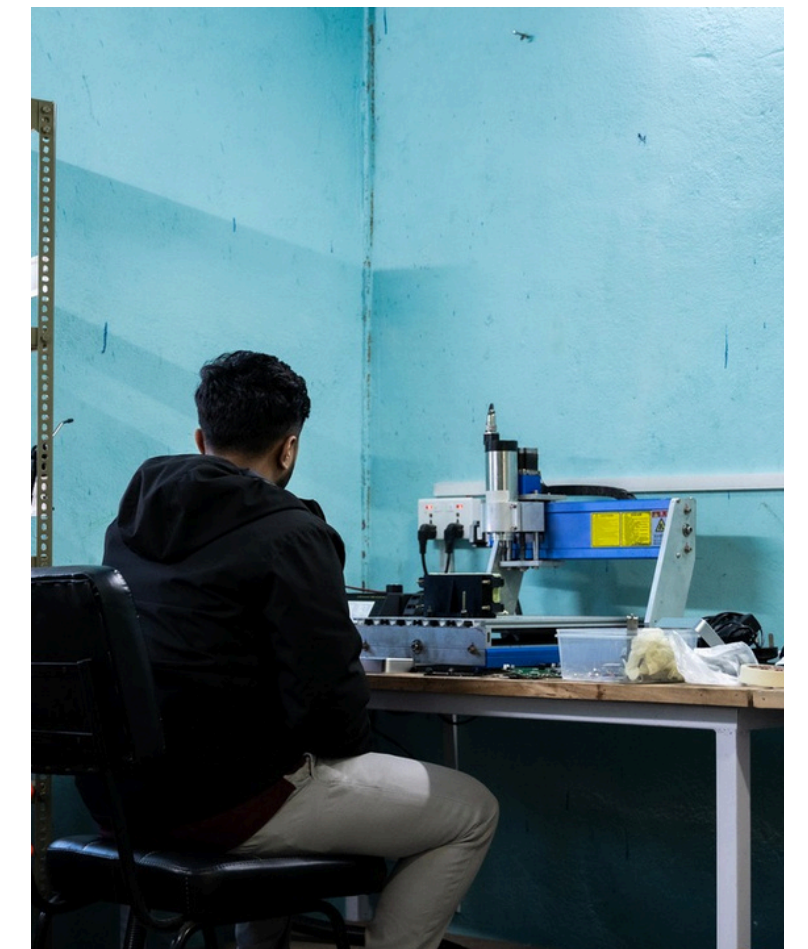
KiCad Circuit Design



PCB Versions



Part Modeling



Features Machining

Design to Manufacturing

Complete in-house product development from idea to mass production.



Battery Spot Welding



Powder Coating



Products Subassembly

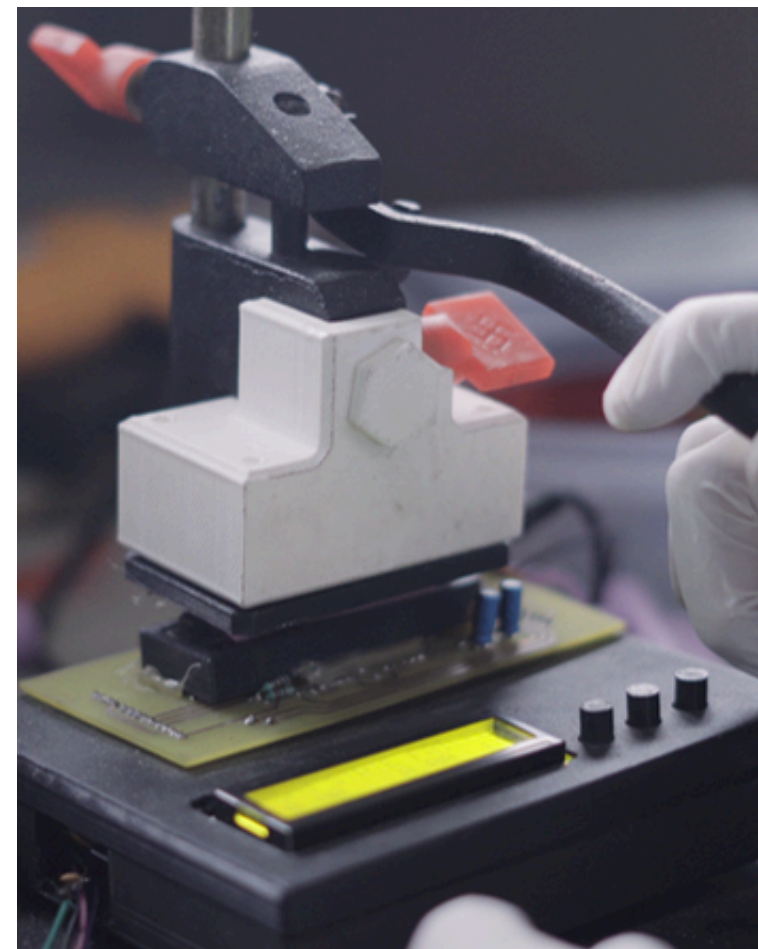


Embedded Systems

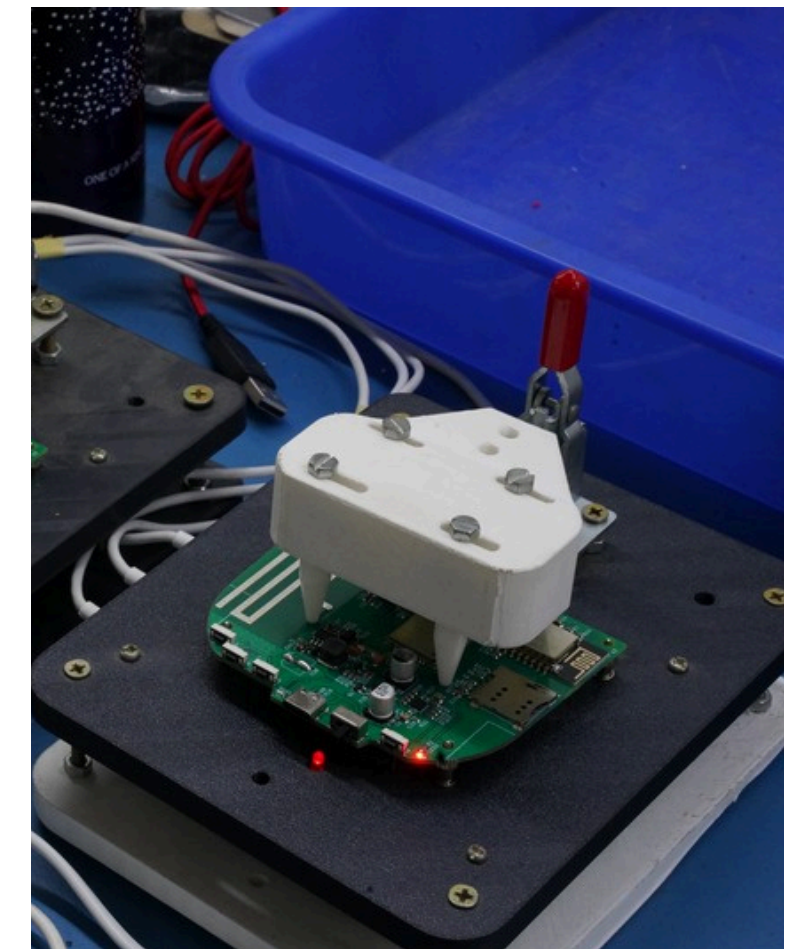
Firmware development and device control systems.



Backup Tests



Input - Output Voltage/Current Tests



PCB Programming

Software Systems

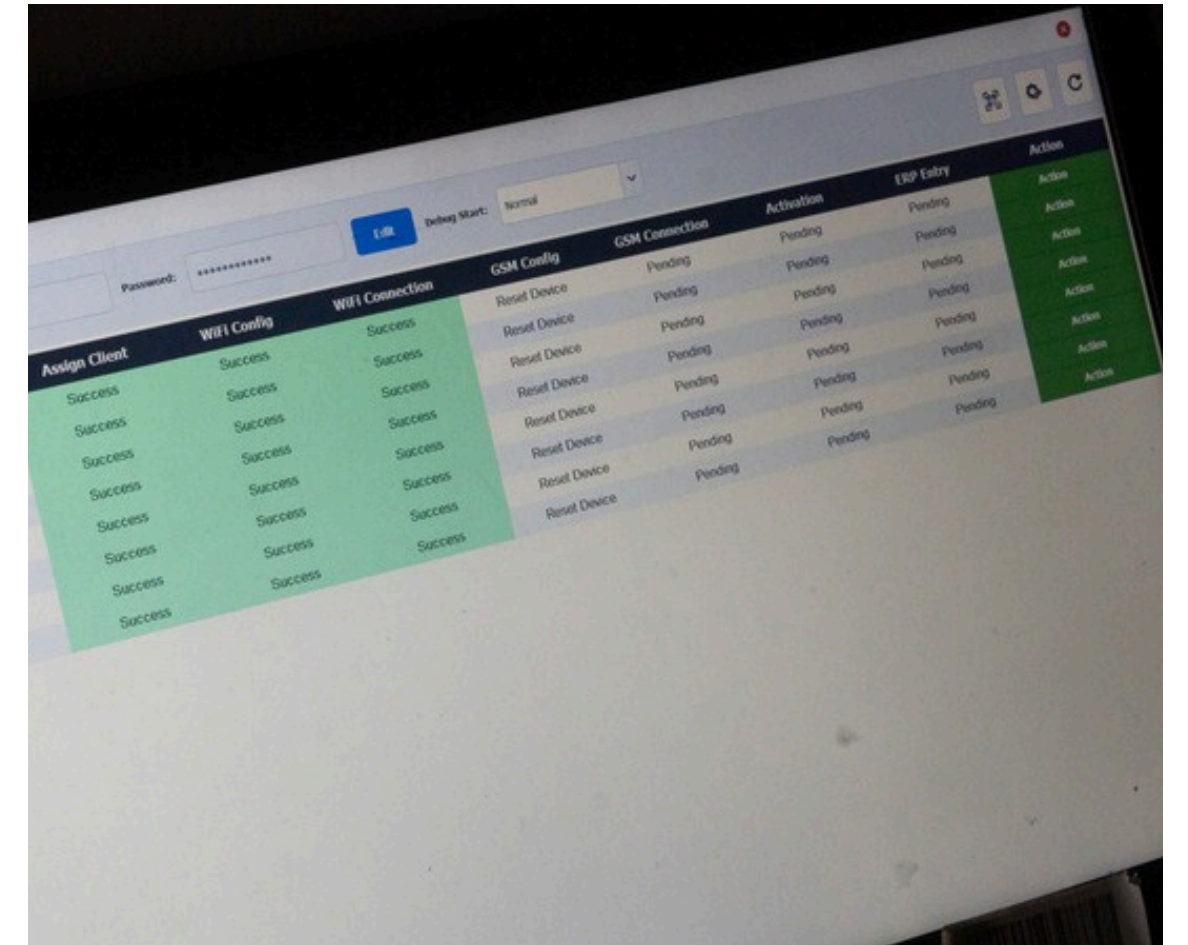
Cloud systems, dashboards, mobile apps.



NiziPay App



Firmware Upload Setup



Functional Test



Team Behind the Products

A multidisciplinary team working across design, engineering, manufacturing, and assembly.

Awards & Recognition



Scale & Growth

50,000+

Nizi Power Devices in Nepali Households

20,000+

AudiQR Devices with Merchants

500+

Attendance and GPS Tracking Devices

500+

Dynamic QR and CPQR Devices



Photo Gallery

Prototyping PCB Boards

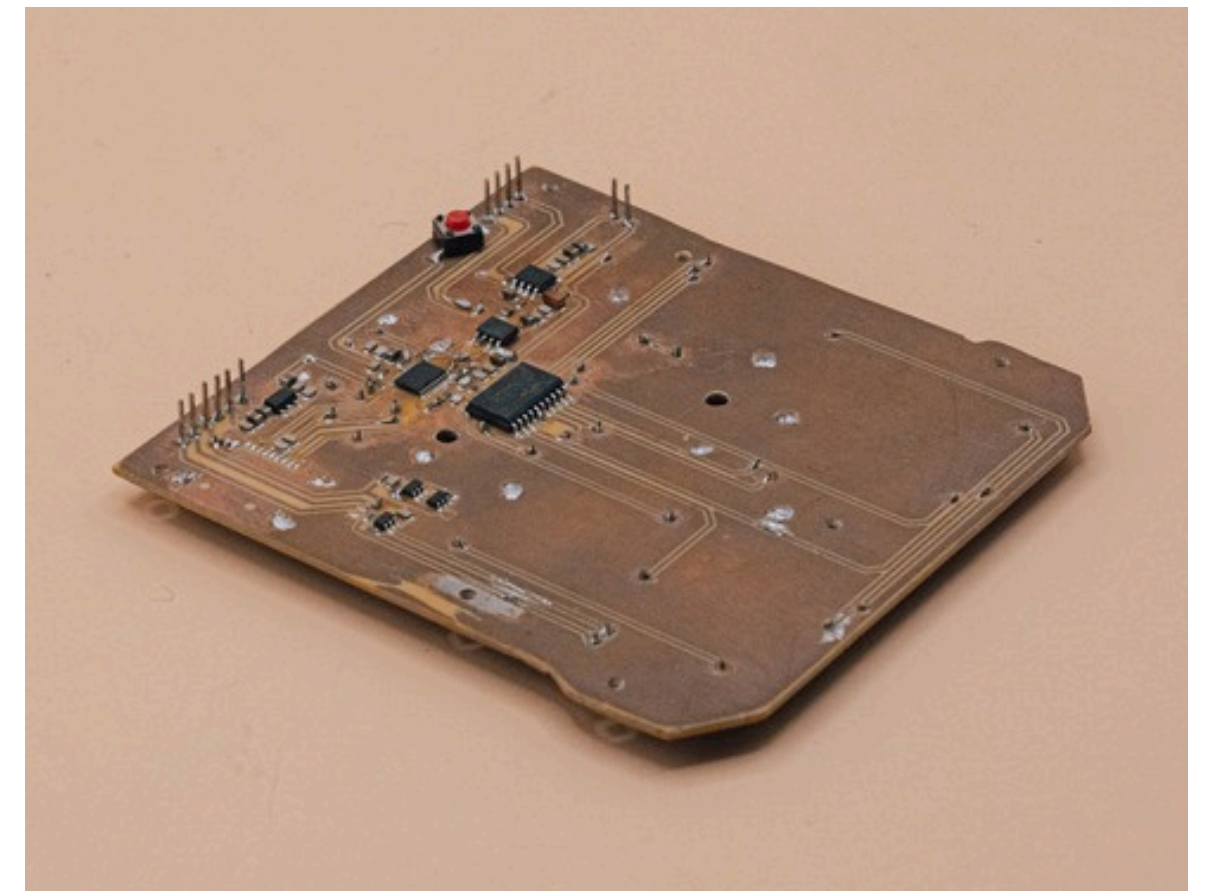
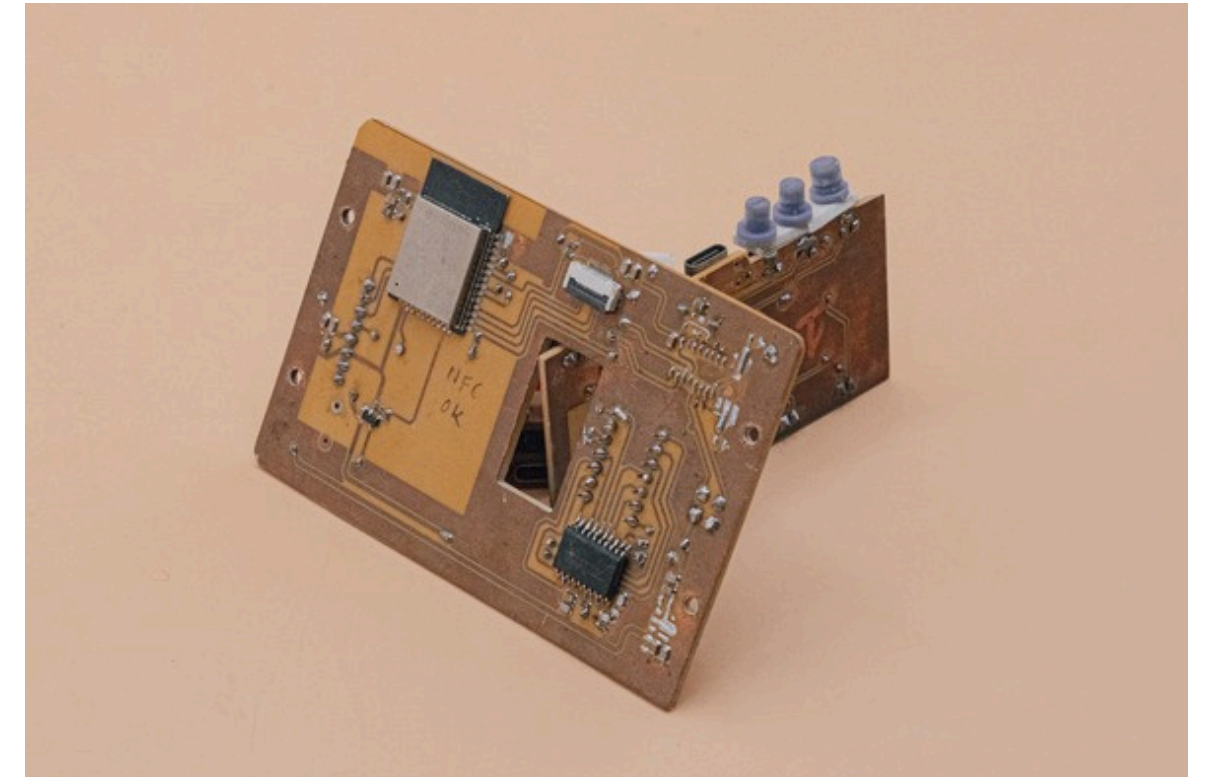
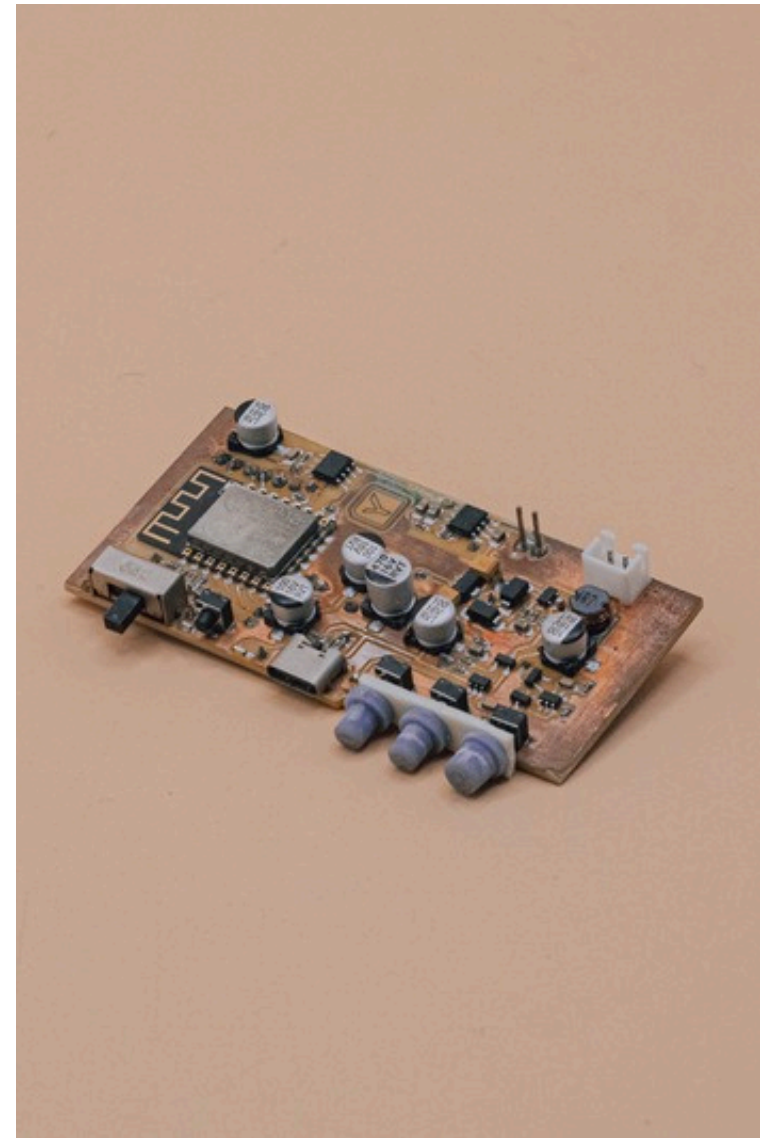
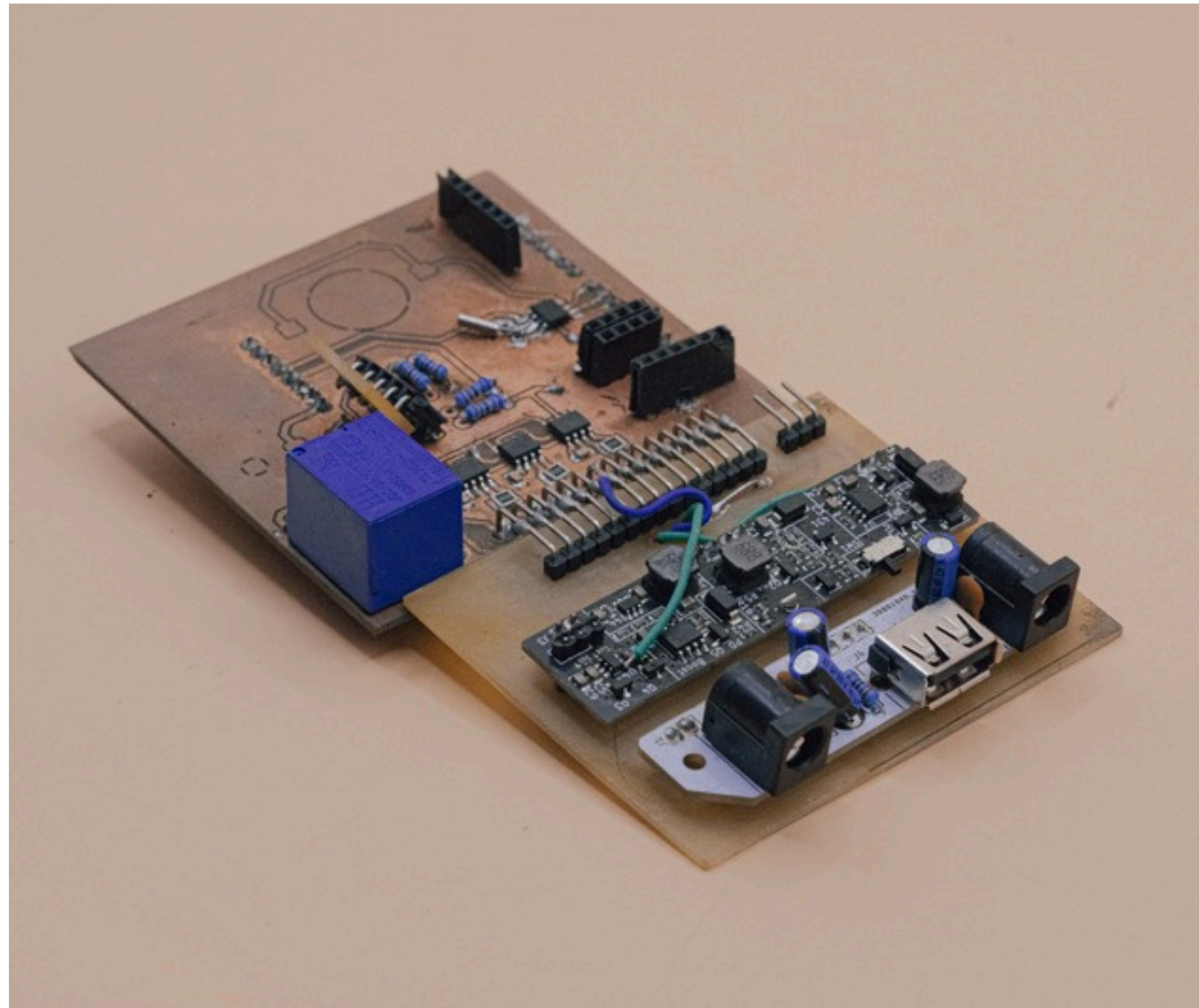


Photo Gallery

Assembled PCBs

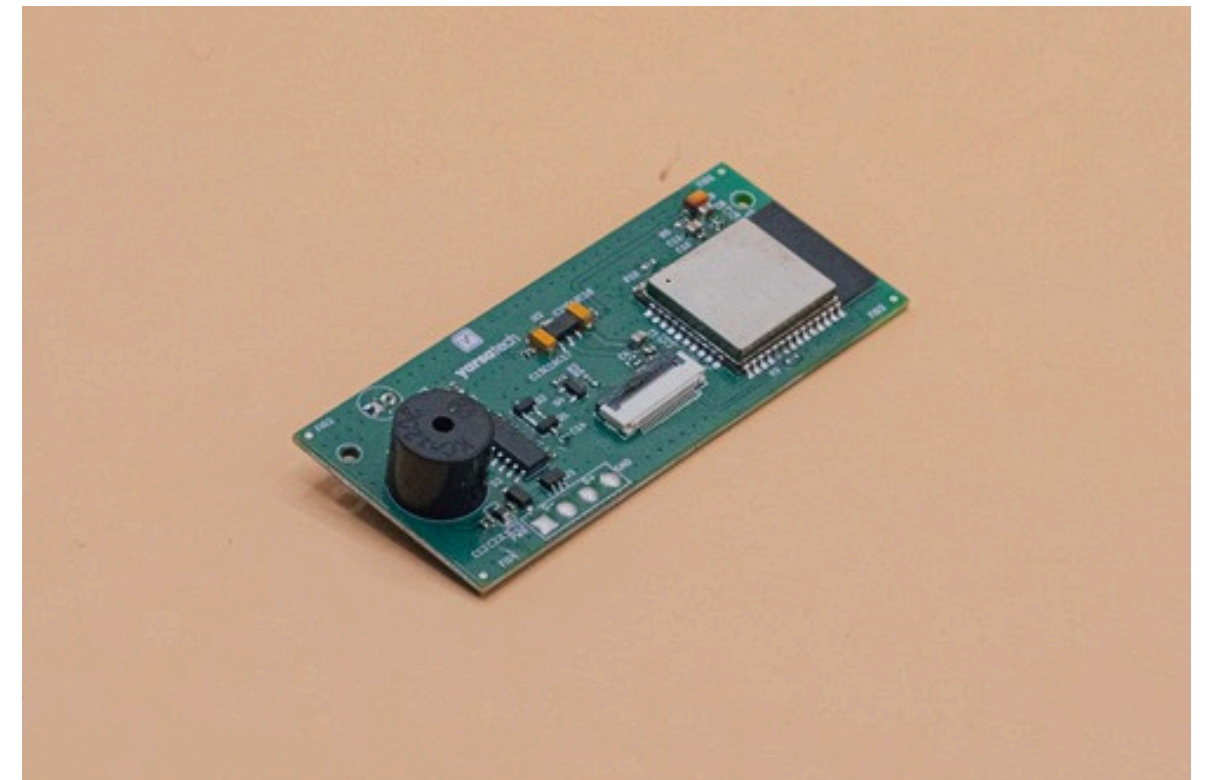
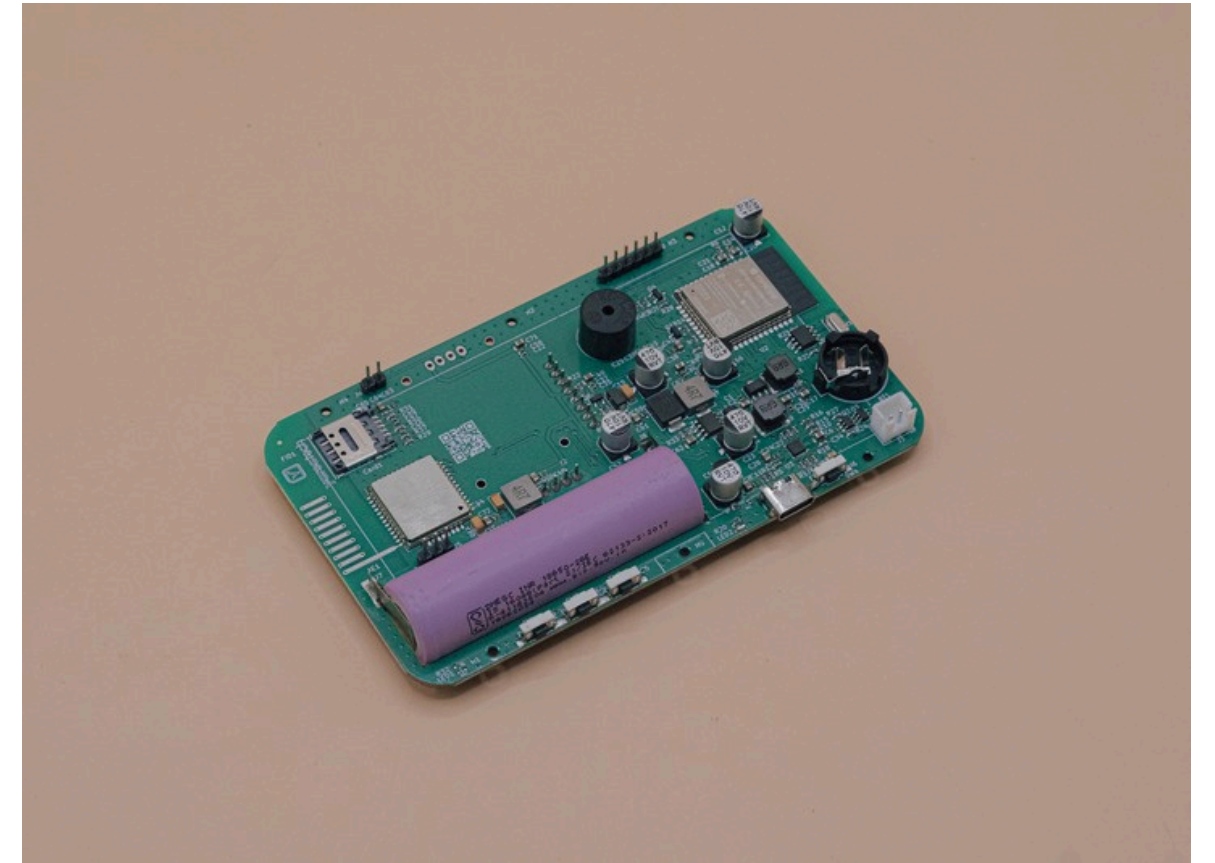
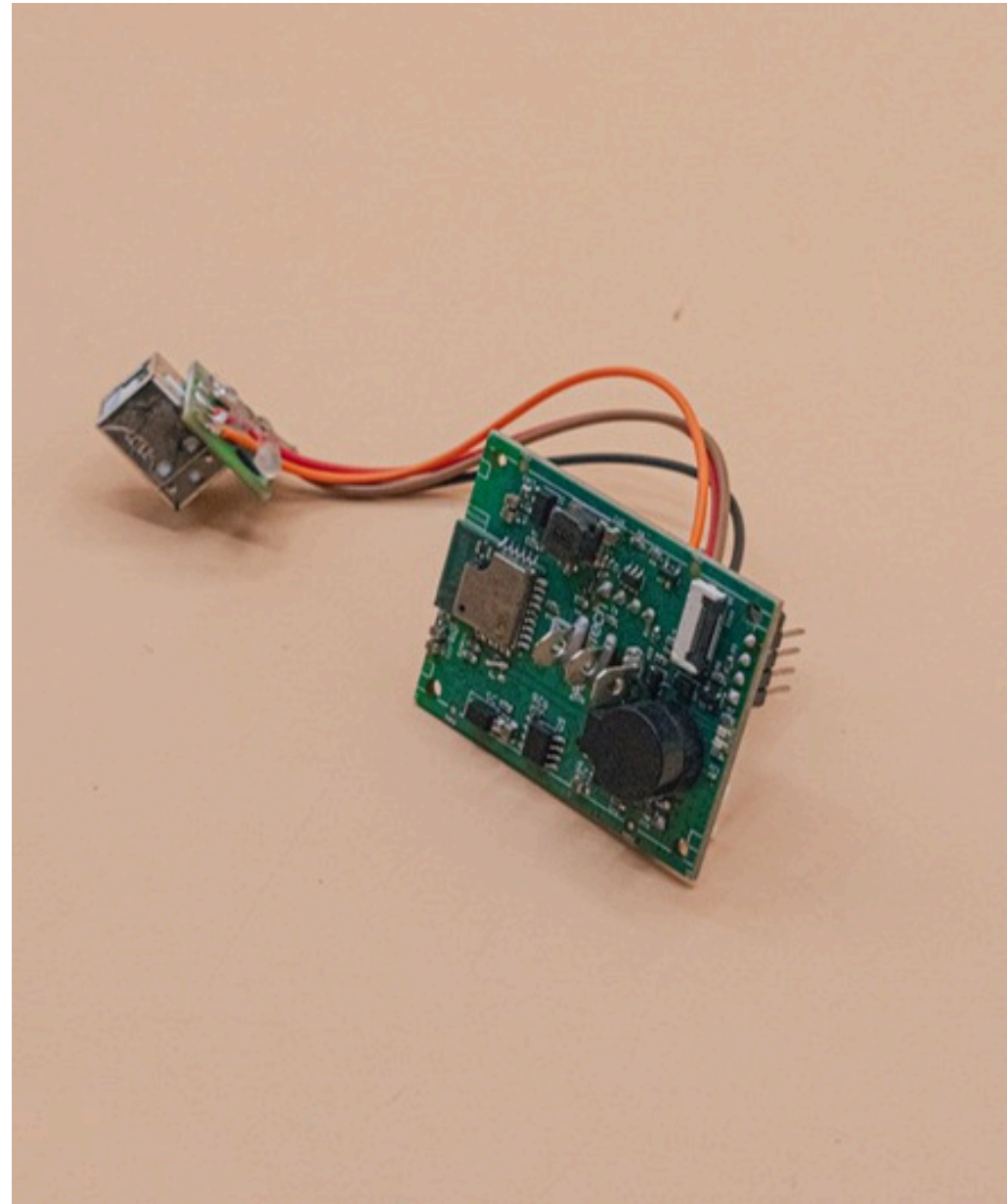
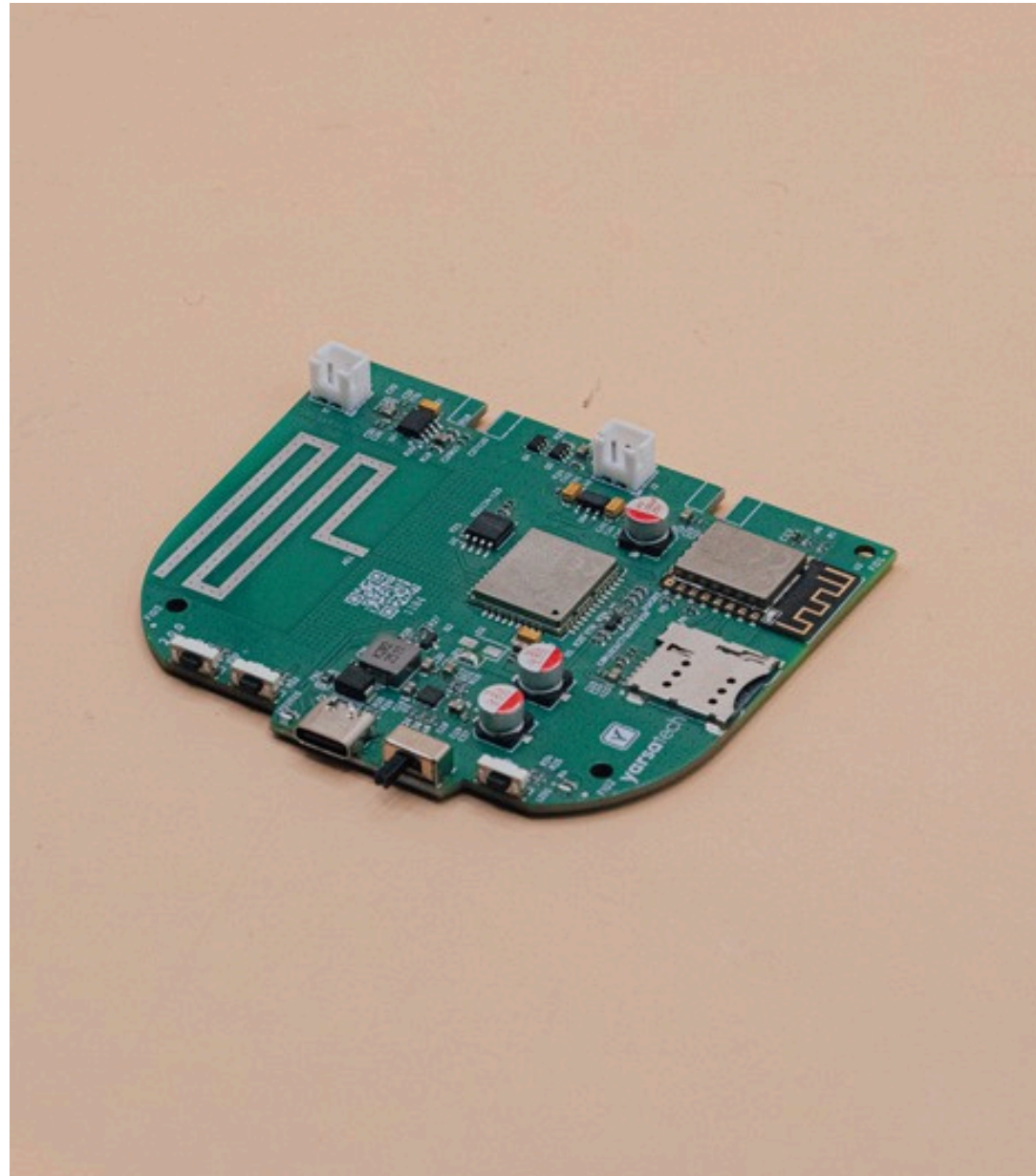


Photo Gallery

Molds for plastic parts

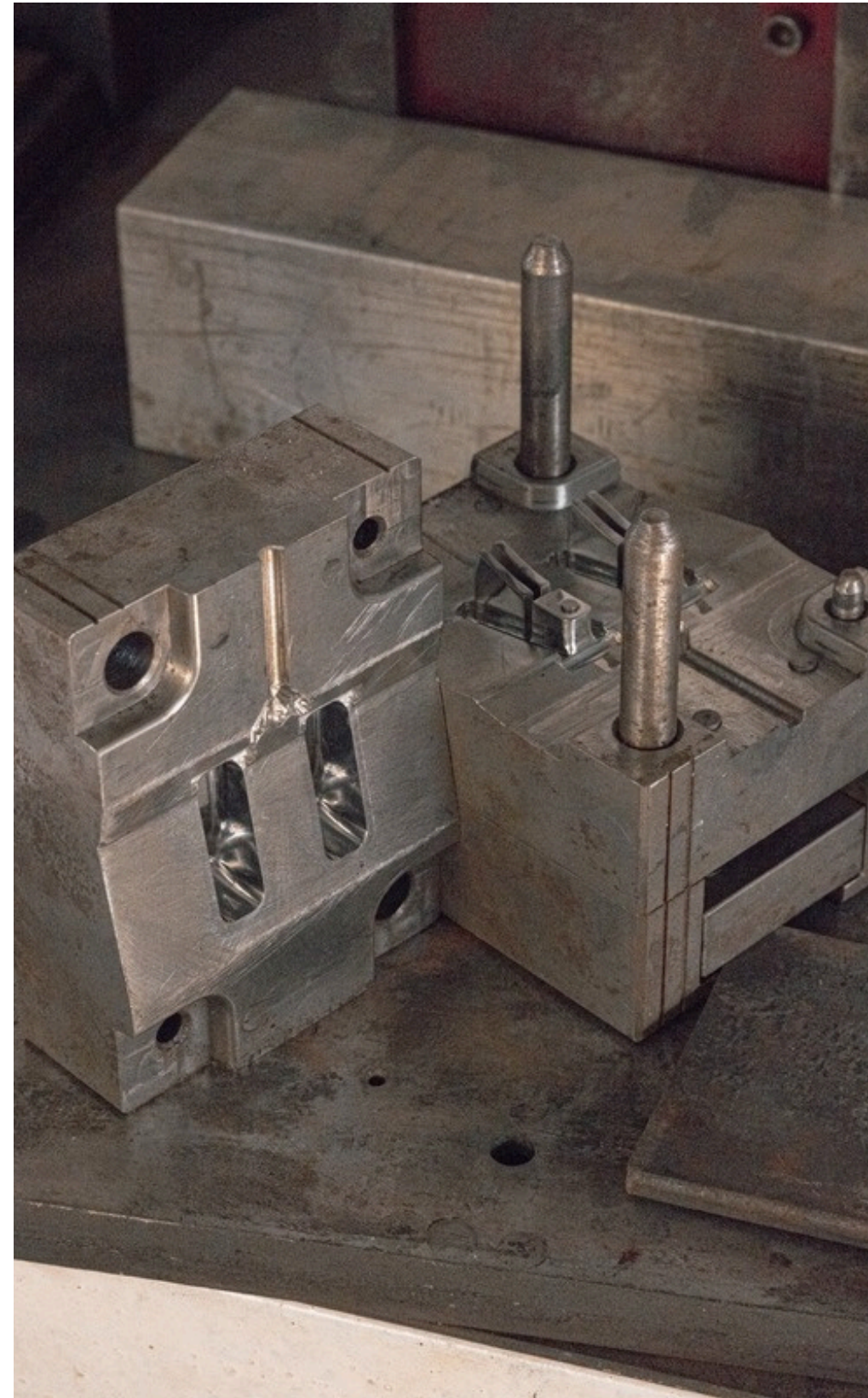
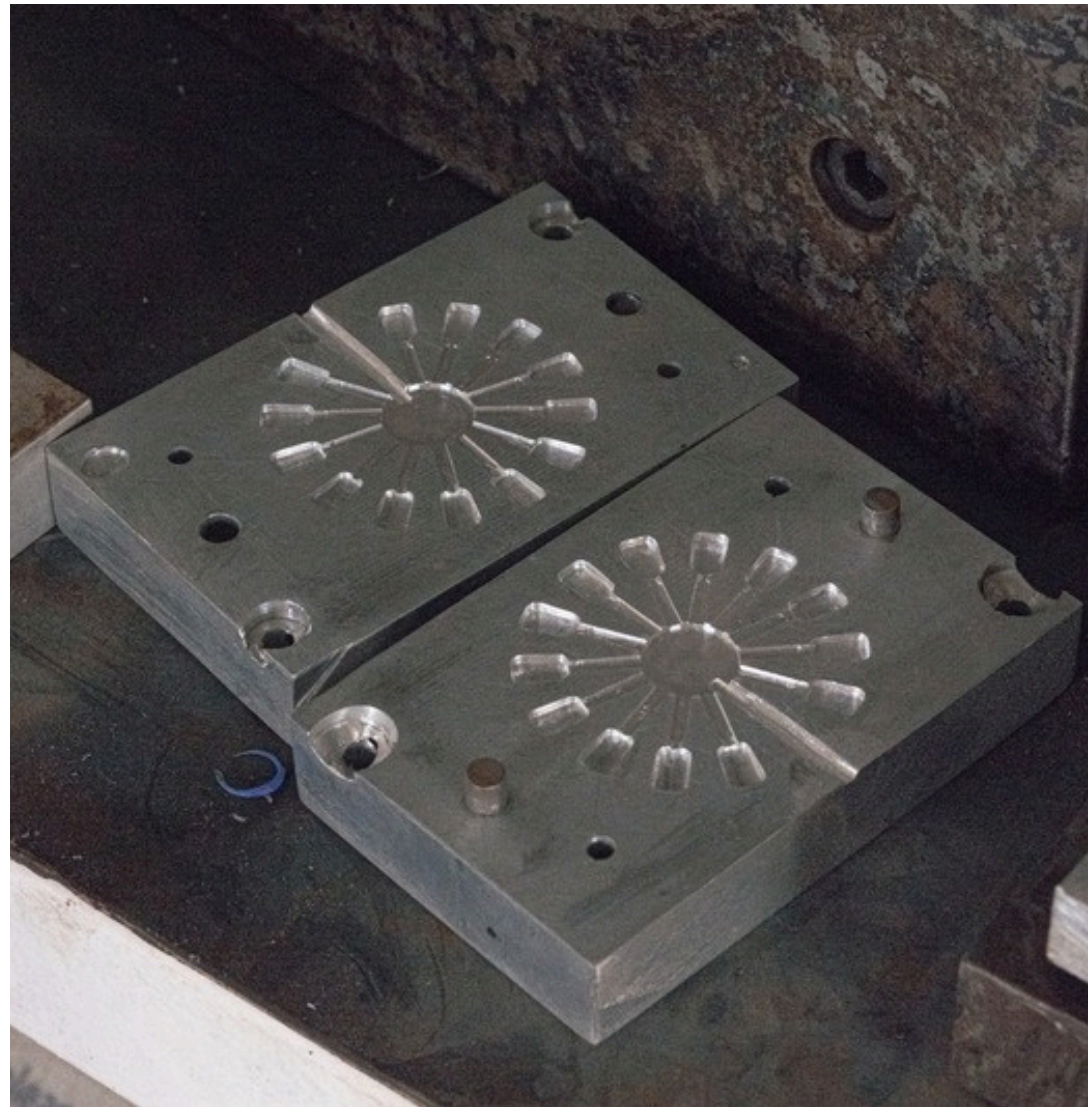
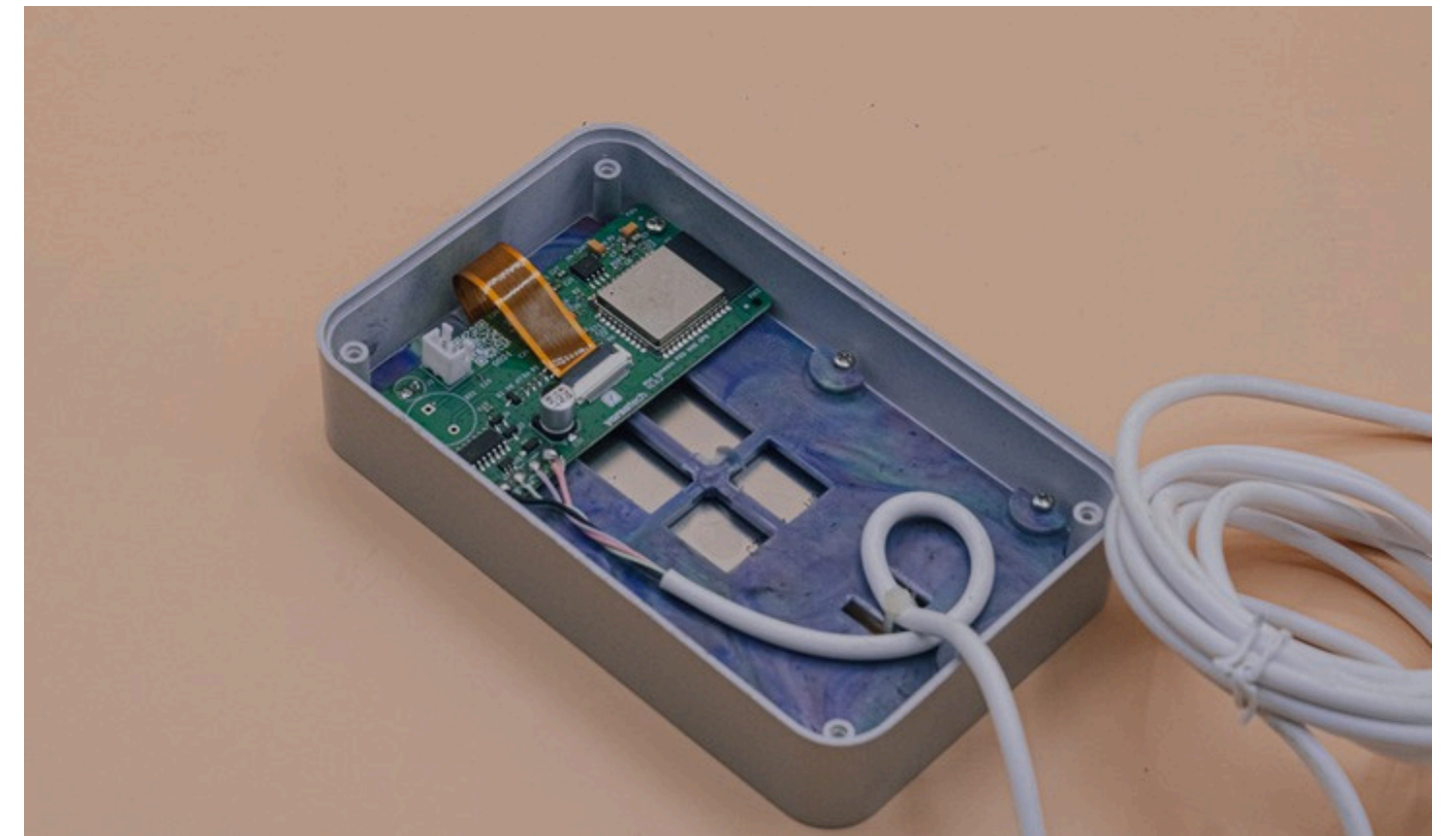
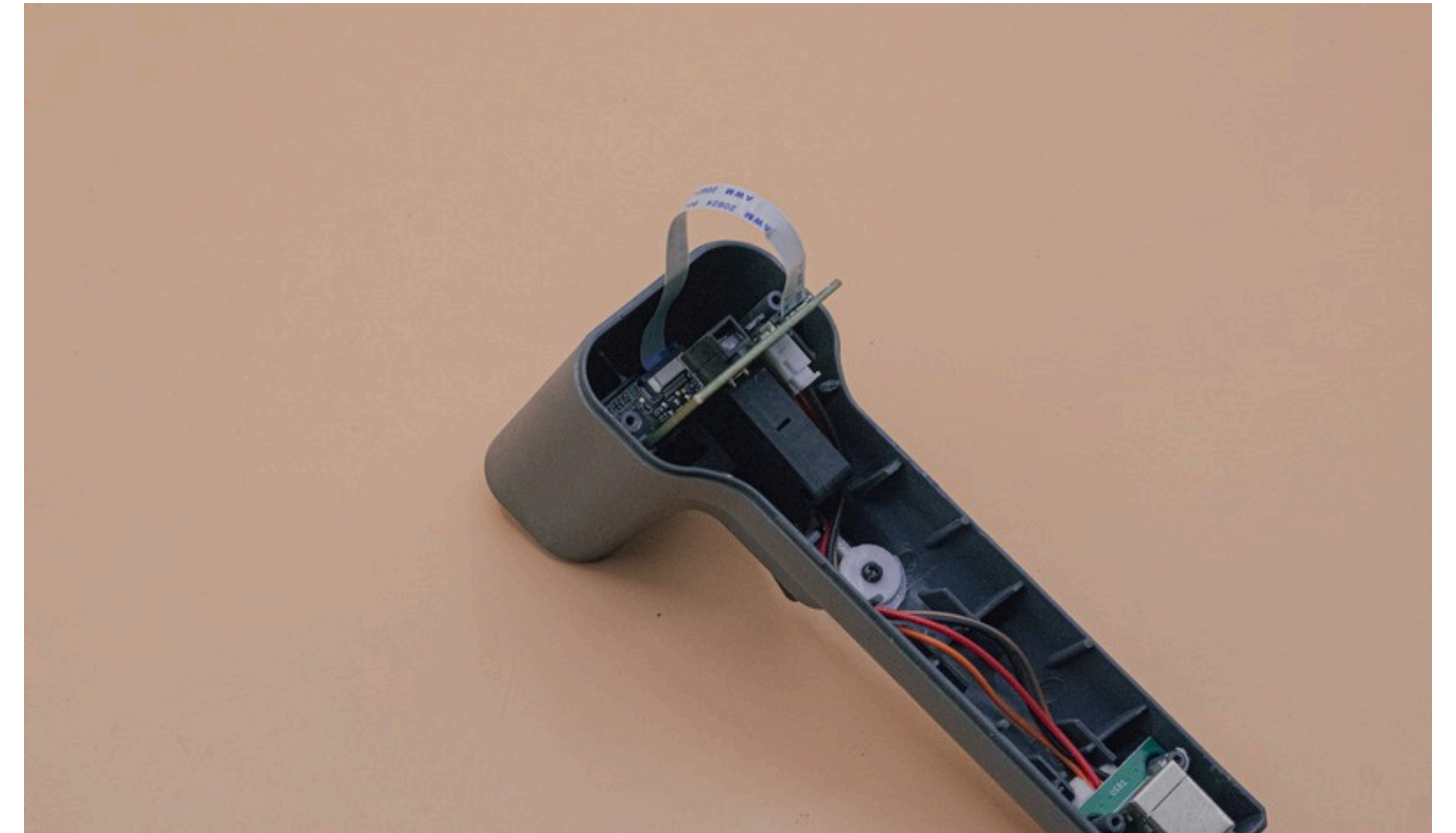


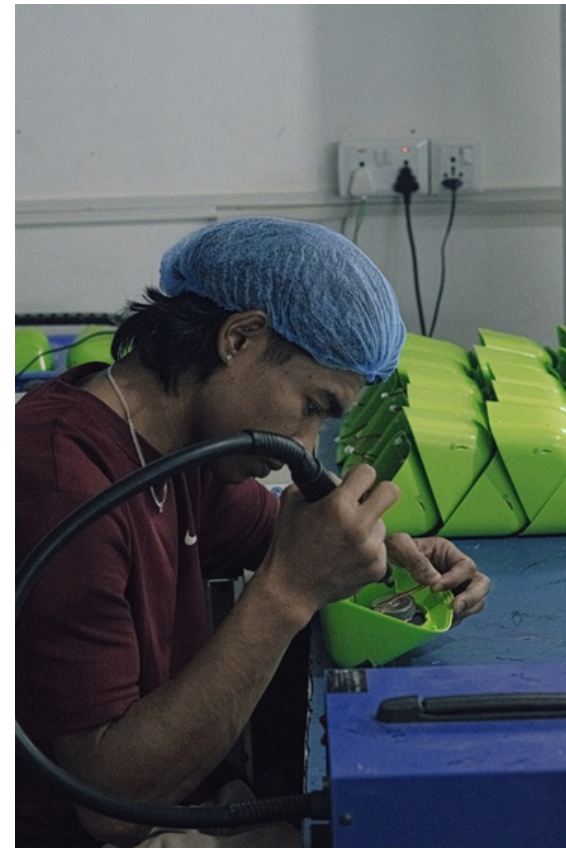
Photo Gallery

Sub-assembled Products



Yarsa Tech

नेपालमै बनाए नेपाल आफै बन्छ।



Website

www.yarsa.tech
www.nizistore.com

Email

mail@yarsa.tech

Phone

977 9769490590

Address

Talchowk 29,
Pokhara, Nepal

