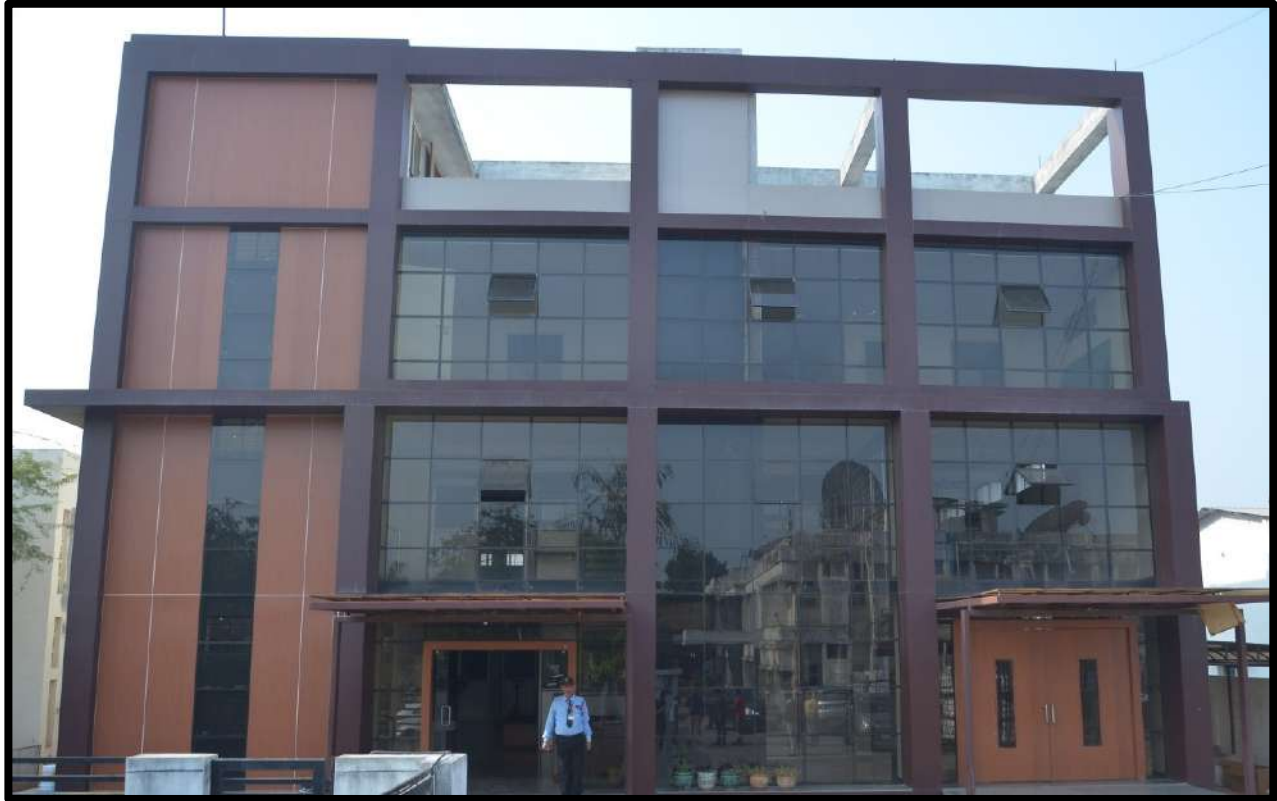




COMPANY PROFILE



Infrastructure:

A state-of-the-art plant owned by MCBS with 50,000 square feet of land and a 25000 square foot plant is located in Gandhinagar, Gujarat. Fast roads, railroads, and air travel connect the city with all major cities, including Delhi, Mumbai, Bangalore, and Ahmadabad. The plant is equipped with a central air conditioning system, dust control, and an ESD safe environment.



Management:



Mr. Gyan Chand Jain

(Chairman & Managing
Director)



Mr. Ashish Jain

(Director)



Mr. Manish Jain

(Director)

About us:

Ahmadabad, Gujarat, India serves as the home base for Modern Communication and Broadcast Systems Pvt. Ltd., or "MCBS." Established in 1985 by professionals and technocrats with more than 20 years of engineering experience from India's pioneering space technology institutions. By diversifying into EMS for the space, defence, and high-reliability electronics sectors, MCBS is in the service of the communication and broadcasting industries. We are an innovative EMS (Electronics Manufacturing Services) company with an internal R&D division under DSIR, a Design & Engineering firm that has been offering complete solutions from concept to mass production for the past 38 years.



Advanced Manufacturing Infrastructure

- ❑ Clean room environment with 1,00,000 standard
- ❑ High end & High speed SMT line for RoHS & Non-RoHS capability
- ❑ Dedicated PTH assembly with wave soldering for RoHS & Non RoHS work
- ❑ Hi-Rel facility with necessary tools for space, defense work
- ❑ In-Line AOI Leica Microscope 50X zoom, BGA rework station
- ❑ End to End solutions for Hardware & software applications.
- ❑ Manufactured & supplied more than 200 projects of all types for professional industry organizations.
- ❑ Qualified and trained manpower to plan and execute projects.





MCBS KEY AREAS OF ACTIVITIES ARE AS FOLLOWS

- ☐ Manufacturing of Communication & Broadcast equipment
- ☐ Turnkey projects and systems integration
- ☐ Marketing of Hi-tech service for space defence & Hi-rel electronics.
- ☐ We provide all kind of Electronics Assembly Service.

MISSION

Our mission is to provide high grade, high quality and high reliability Electronics Manufacturing services for customers requiring high standards in complex and critical electronics products.

VISION

Modern Communication and Broadcast Systems Pvt Ltd (MCBS) would like to emerge as a leading manufacturer, innovator, technology solution provider and system integrator for space, defense and High Rel electronics manufacturing for a variety of products & projects in various electronics areas requiring hardware & software support.

TEAM OF MCBS

- ☐ 20+ Skilled Engineers
- ☐ 30+ Skilled Technicians
- ☐ 35+ Skilled Workers



EQUIPMENT DETAILS

STENCIL PRINTER | XPERT 3 | EKRA, GERMANY



- PCB Size 508x508mm.
- Fully Automatic Printer.
- Process alignment capability 2 Cpk @ $\pm 15\mu\text{m}$.
- Automatic Cleaning.
- Paste Coverage inspection.

PICK & PLACE | NPM-W2 | PANASONIC, JAPAN

- 220 Feeders ,Automatic 20 Tray
- **Part Handling:** 0.6x0.3mm (0201) to 35x35mm
- **Board Size:** 750mm to 460mm
- **Rated Speed:** 125000cph
- **Placement Accuracy:** ± 30 micron Cpk ≥ 1.0
- Intelligent Tape feeders & Stick Feeders



REFLOW OVEN | MR933+ | VITRONICS, USA



- 9 TOP+BOT Heating Zones.
- 3 TOP+BOT Cooling Zones.
- Smart Board Tracking.
- Width Adjustable Chain Conveyor.
- Auto Lubricant System.



AUTOMATIC OPTICAL INSPECTION | S3088 | VISCOM, GERMANY

- Large FOV 57.6 x 43.5 mm,
Scanning speed of 1200 fps
[frames per Linear Motors on X &
Y Axis
- 4 Top and 4 Angular cameras.
- Each Camera is 5 Mega Pixel and
module cumulates to 20-60 Mega
Pixel size



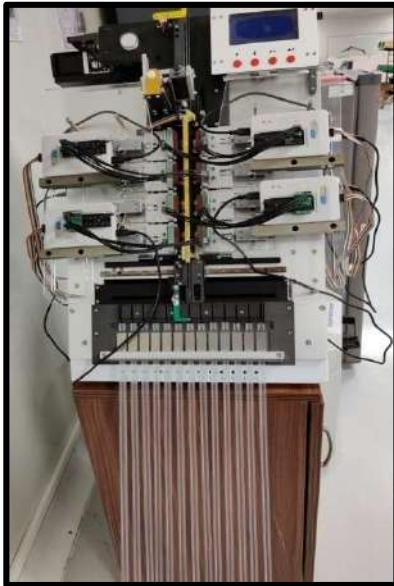
WAVE SOLDER MACHINE| EMS TECHNOLOGY| INDIA



- This Unit Contain Spray
Fluxer (5Ltr.+ 1Ltr. Solvent) tank.
- It has 150Kg Of Solder Bath
Pot
- Conveyor Speed 0 to 2 Min
- Conveyer Angle 4 & 5 Degree
- Max. Width Up to 300mm



OTHER SUPPORTED DEVICES



Flash Programming



BGA Rework Station



Dry Cabinet



Digital Microscopes



Baking Oven



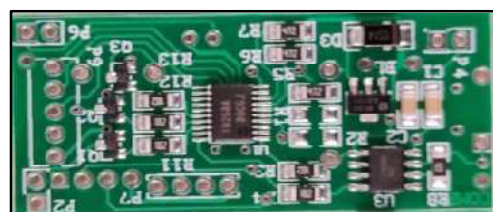
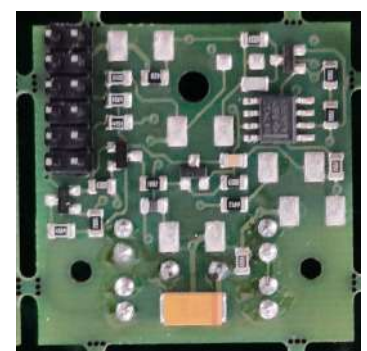
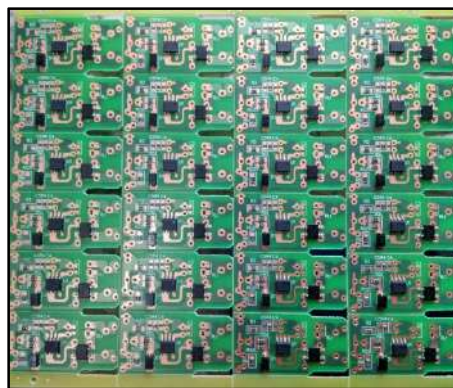
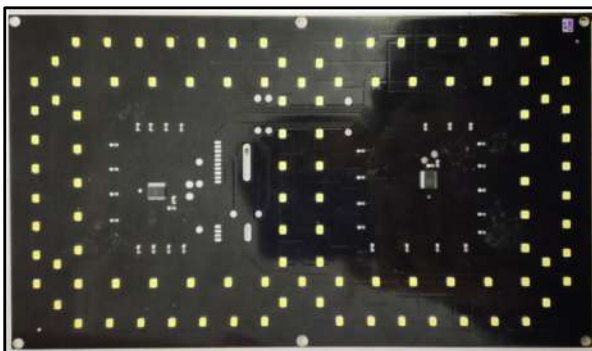
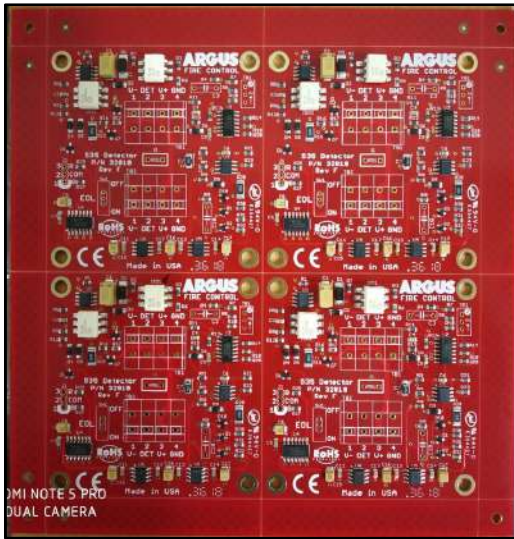
Tinning & De-Golding
Pot



Solder Paste Mixer

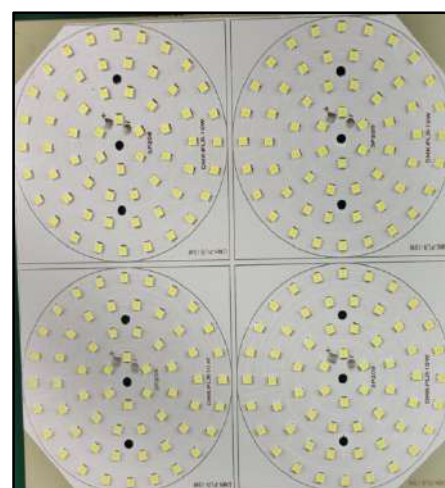
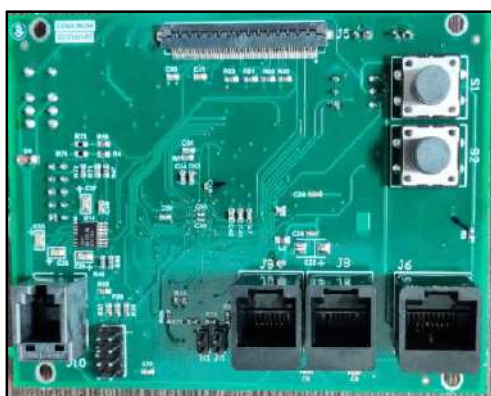
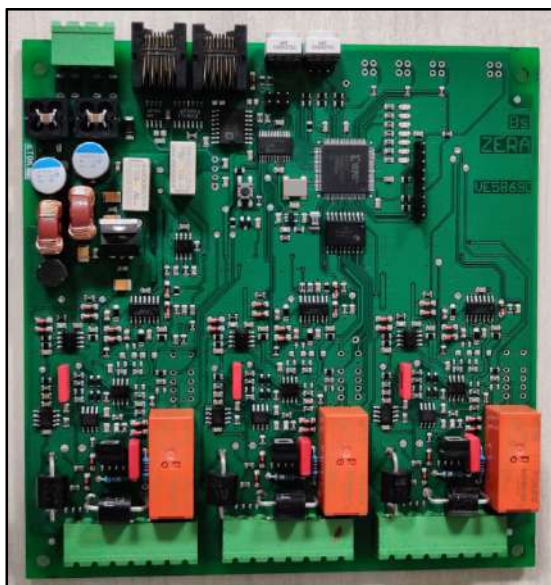


SHOW CASE 1



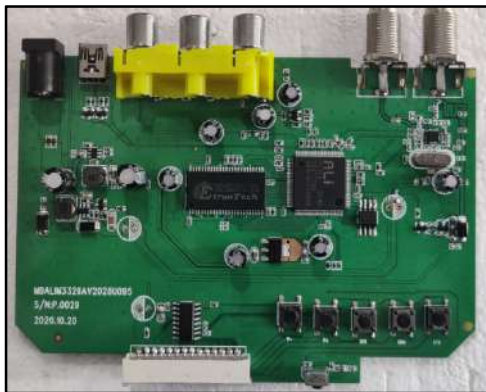


SHOW CASE 2



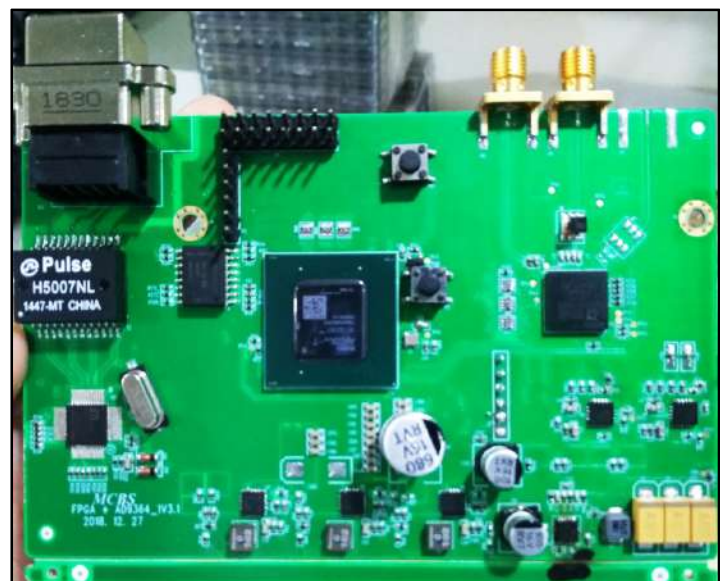
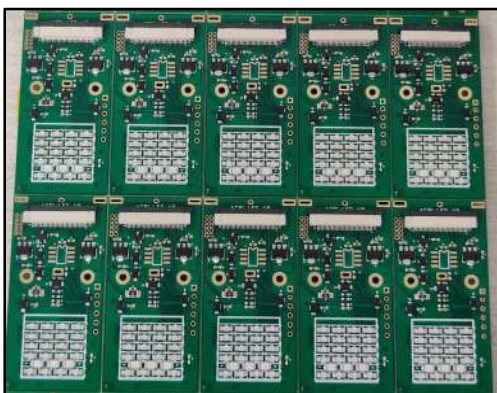
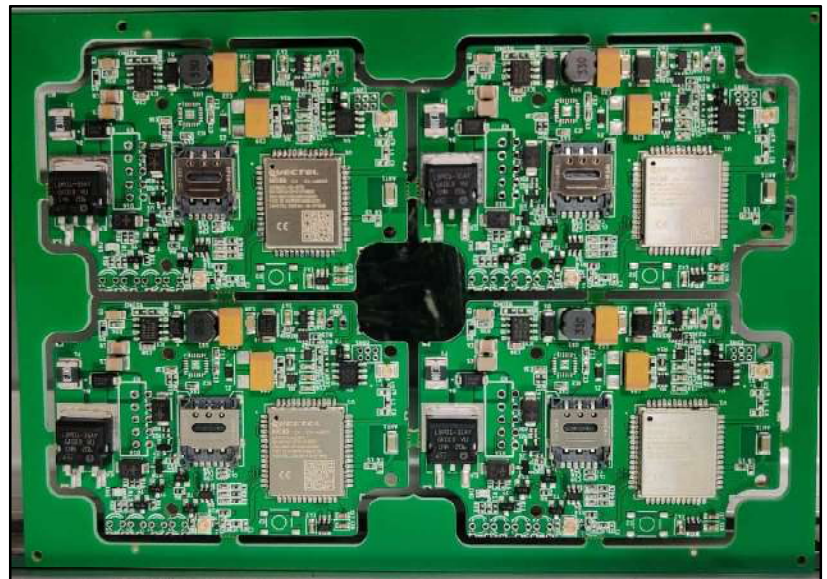
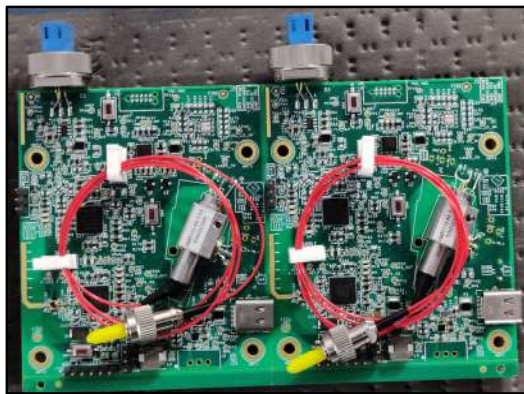
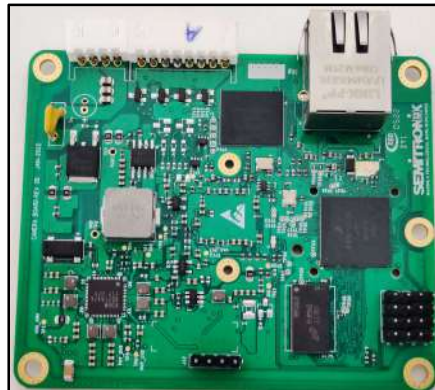
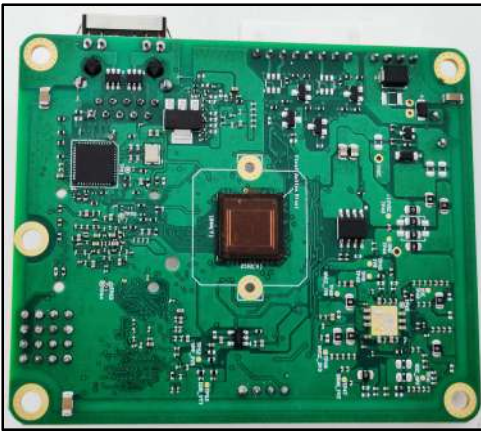


SHOW CASE 3





SHOW CASE 4





AWARDS:





Modern Communication and Broadcast Systems Pvt. Ltd.



OUR VALUED CUSTOMERS:



Nessa
lighting up miracles...



MEDITABTM
INTELLIGENT MEDICAL SOFTWARE

prompt[®]
The pursuit of purity



Teq Diligent

VINROX

X-STAR



ZERA





LET's CONNECT:

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Mail Id - smt@mcbsintl.com

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Production Engineer

Contact No – 8401746470/7600769846

3. Dinesh Trivedi

HR Manager

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Gujarat, India

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Thank You