



Electronic
Design

Quick
Prototyping

PCB
Assemblies
& Box build

Repair
& Rework

Tester
Development

RFID

High
frequency
Magnetics



KEY HIGHLIGHTS

40 Years Legacy in Electronics Design & Manufacturing

40+
Years

Group Legacy

21

SMT Lines

600^K
Sq.ft.

Total Plant Area

11

Facilities

500+
mn.

OEM Units Shipped
In Last Decade

270+

Customers

20+

Exporting
Countries

4000+

Employees

40+

Startup
Investments

About us

Syrma SGS has been a preferred value creator for its customers over the last 40 years through innovative and effective electronic system design and manufacturing (ESDM) in high-mix, flexible volume, precision manufacturing and is backed by strong engineering and supply chain capabilities.

Our “one-stop-solution” manufacturing services include Electronic product design, Quick prototyping, Assembly (PCBA & Box build), Repair & Rework and Automatic tester development. We also offer OEM solutions for RFID Tags & Inlays, high frequency magnetic components and electro mechanicals for all Industries. We serve over 270 OEMs in 20+ destinations and have supplied several hundreds of Mn. Units in the last decade.

Syrma SGS, a turnkey electronics manufacturer, delivers high precision products with the highest quality standards spanning multiple vertical markets including Automotive, Consumer, Defence, Industrial, Information Technology, IoT, Medical, Power and Telecom.

Services Offered

- Electronic design services
- Quick prototyping
- PCB assemblies
- Box build products
- Repair & Rework services
- Test development services

Certificates

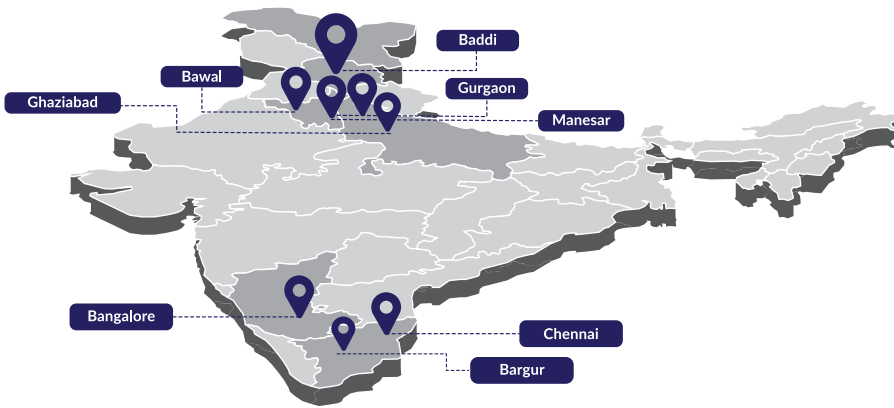
- AS9100D (Aerospace & Defence)
- IATF16949 (Automotive)
- ISO13485 (Medical)
- ISO27001 (Information Security)
- ISO9001
- ISO14001
- ISO45001

Products

- RFID
- High frequency magnetic Components
- Electro-mechanicals



Plant Locations



Haryana
Gurgaon Infocity,
Manesar (Unit 1 & 2),
Bawal

HP Baddi
UP Ghaziabad

Karnataka
Bengaluru

Tamil Nadu
Chennai (Unit 1, 2 & 3), Bargur

Germany
System Integration,
Schwaikheim

PCB Assembly & Box Buid

Our manufacturing infrastructure is equipped with State-of-the-art facilities, powered by a team of highly experienced technocrats, engineers and management teams. Combined with decades of manufacturing expertise and a vast network of trusted materials suppliers, this uniquely positions to deliver exceptional quality at significant cost savings for every customer.

- Fine pitch placement upto 12mil
- Component ranges from 01005 to BGA and uBGA, CSP upto 55mm square
- ± 25 micron placement accuracy with 3-Sigma capability
- Board Size: 534 x 610mm
- PCB Laser Printing-AMT
- Automatic Conformal Coating Machine-JTU
- Automatic Potting Machine-JAL
- Barcode based MES System for product and process traceability
- Integrated SAP S4 HANA ERP System, covering all functional areas & all plant locations
- Board Types: Rigid, Flex, Ceramic Substrate
- SMT Assembly in dust free climate controlled zone
- N2 enabled reflow soldering machines to produce high reliable solder joints for medical & automotive products
- End-to-end traceability systems

600
k sqft
Total
Plant Area

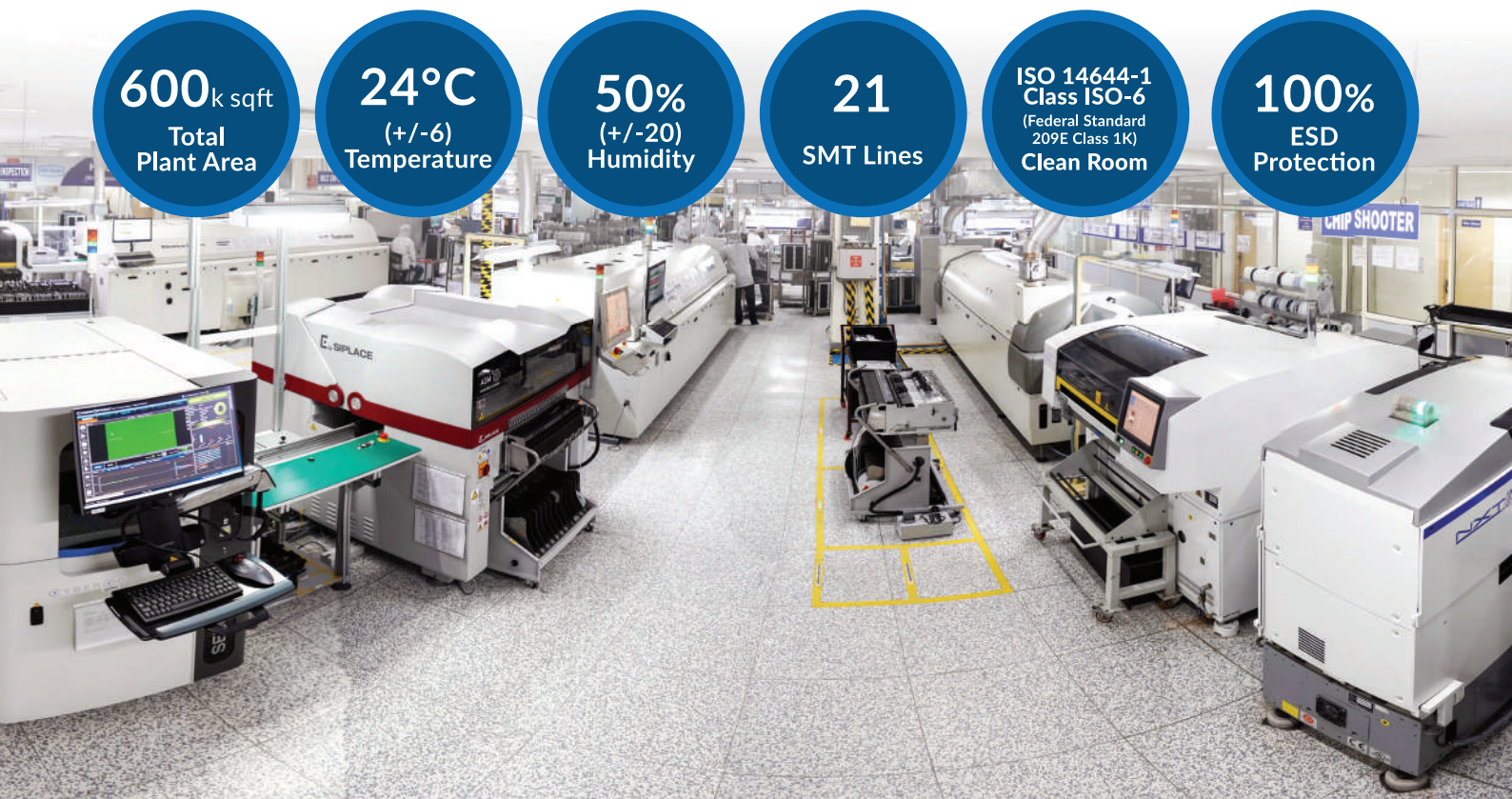
24°C
(+/-6)
Temperature

50%
(+/-20)
Humidity

21
SMT Lines

ISO 14644-1
Class ISO-6
(Federal Standard
209E Class 1K)
Clean Room

100%
ESD
Protection



Embedded System Design

Design & Development Capabilities

We add value at each stage of your design process, from concept to co-creation, to production and complete product life cycle management. Our team can help you turn your concepts into durable, high-performing products without compromising quality or price competitiveness. Our design resources and methodology can help you in every step of the way in order to adapt the product to its target market.

Our design services includes

Concept Co-creation

- Define requirements with your product team
- Develop specifications
- Gather market data
- Select technology
- Develop firmware and software
- Analyze costs
- Build the first prototype

Product Realization

- Ready product for mass production via NPI
- Evaluate for design robustness, manufacturability, and other key attributes for success of long-term product, BOM Optimization

Lifecycle Management

- Manage the product life cycle with re-engineering and cost reduction
- Ensure lasting performance without compromising cost competitiveness or quality

Verticals

- Customer Appliances
- Industrial Electronics
- Smart Devices
- Automotive Electronics
- Sensors Solutions
- IOT based solution
- Electrical Vehicles

Design Solution

- Power Electronics
- Air Conditioners
- Water Purifier (RO, UV, RO+UV)
- Motor Control Solutions (BLDC / Induction / Universal)
- Air Purifier & Vacuum Cleaner
- Electrical Vehicles (ECU , MCU, BMS)
- Power Adapters
- IoT Based Designs

Competence

- System Architecture
- Electrical Simulation
- Design Calculation
- Component Selection
- Schematic & Layout Design
- Software Programming
- Prototyping, Validation
- Mass Production



OEM Products

Radio Frequency Identification (RFID)

We offer a full catalog of high performance LF/HF/UHF/NFC epoxy silicon and label tags. The wide range of sizes and form factors offers the perfect choice for embedded or external tagging of any asset or product. We also provide custom tags, readers and software for a wide range of applications

- Design, engineer and manufacture industry standard tags and inlays in different form factors for applications in LF, HF and UHF
- Support complex IoT implementation by empowering assets to Communicate with each other and reduce complexities inherent to Manual application.
- Dedicated state-of-the-art manufacturing facility for RFID labels. Our RFID label manufacturing services include Antenna designing, Color printing on labels and providing customized RFID labels

Magnetics

We offer high precision magnetic components manufacturing services with superior capabilities from concept to completion for sustainable long-term product and mass production. Our products include transformers, inductors, chokes and coils to several industry segments. We specialize in a wide-range of manufacturing processes including epoxy potting, UV curing, laser marking and conformal coating.

- Design and manufacture of custom high-performance precision magnetic coils, inductors, transformers, and line filters for many industries.
- Powered by highly qualified electronics engineers with 20+ years Experience at the fore front of analog and RF design.
- Support entire life cycle of magnetic product development from prototyping to high-volume production.
- OEM magnetic components designed to perform with little or no maintenance for extended periods of time.

Electromechanical

We have dedicated sheet metal manufacturing as a vertical Integration to support turn key manufacturing for electronics manufacturing services. Our services include sheet metal, stamped parts, casting, machined parts and surface treatment.

Quality you can trust

Our clients benefit from the highest quality manufacturing services in the industry, including customized automated test equipment, X-ray inspection systems, environmental and thermal shock chambers. Our certified assembly technicians are experienced with sophisticated lead and PCB assembly inspections, and our quality control managers and production experts are certified IPC-A610 specialists. We meet the highest quality assurance specifications in the industry, such as IPC610 Class 3 and several ISO industrial and commercial standards.

Your Global Manufacturing Partner

Whether your requirements are for domestic consumption or exports Syrma SGS is your reliable and trusted partner. Reach out to the team at Syrma SGS for your design or manufacturing requirements.

Information Technology



DDR Modules



SSD

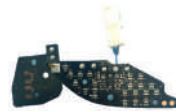


Motherboard

Automotive



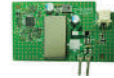
LED module for Head & Tail lamp



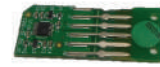
Cluster



ECU



LED Driver module for commercial vehicle



Fuel dispensing controller for Automotive

Consumer



BLDC Fan



Airconditioner



Water Purifier

Tele Communication



Multiport GSM antenna



Controller Boards



Power Supply Boards

Industrial



X-ray Machine Control & Power Board

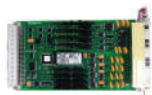


Industrial Washing System

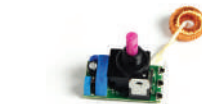
Railways



CPU Board



DO Generic



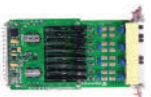
Light Dimmer Control



Boards Detection Device



Processor Module (IAF)



WBI Boards



Electronic Interlocking



Smart Water Meter



Glaucoma WBI



Radar Target Tracker (Indian Navy)

Smart Homes

Railways

Medical

Defence

Box Products



Hybrid Set top Box



Solar Row Controllers



Power supply



POS Printer



Interlocking System (Railways)



GPONS



Gateways



Awards

Syrma SGS, one of the leading electronics manufacturers, has been awarded with more than 50+ prestigious industrial awards.

ELCINA-EFY 2020-21

1st Place in Business Excellence (SME)

ELCINA-EFY 2022

Large Category Business Excellence (SME) for year FY22

ELCINA-EFY 2022

2nd Place in Quality Excellence (SME category)

ELCINA-EFY 2021-22

Excellence in Quality Large Scale

ELCINA-EFY 2022

Outstanding Achievements in Exports Large Category

ELCINA-EFY 2021-22

Certificate of Merit in Export Large Scale

ELCINA-EFY 2022

Certificate of Merit in Environment Management Large Scale

ELCINA-EFY 2020

Outstanding Achievements in R&D

Membership



Registered Office

Unit No. 601, 6th Floor,
Floral Deck Plaza,
MIDC, Andheri (East),
Mumbai 400 093.
Maharashtra INDIA.

Chennai

Plot No. B15 & C4, Phase I,
MEPZ-SEZ, Tambaram,
Chennai 600 045.
TamilNadu, INDIA.

Manesar

Plot no 22, Sector 5,
IMT Manesar, Haryana 122 050.
Gurgaon, INDIA.

Bengaluru

Survey No. 27/4,
A3, JR Tech Park, Yarandahalli,
Jigani Link Road, Bommasandra,
Indl Area, Phase 4,
Bengaluru 560 099.
Karnataka, INDIA.



Manufacturing Facilities Manesar | Bawal | Gurgaon | Baddi | Ghaziabad | Chennai | Bengaluru | Bargur
R & D Centers Chennai | Gurgaon | Winnenden (Germany)