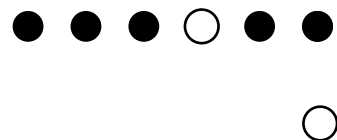
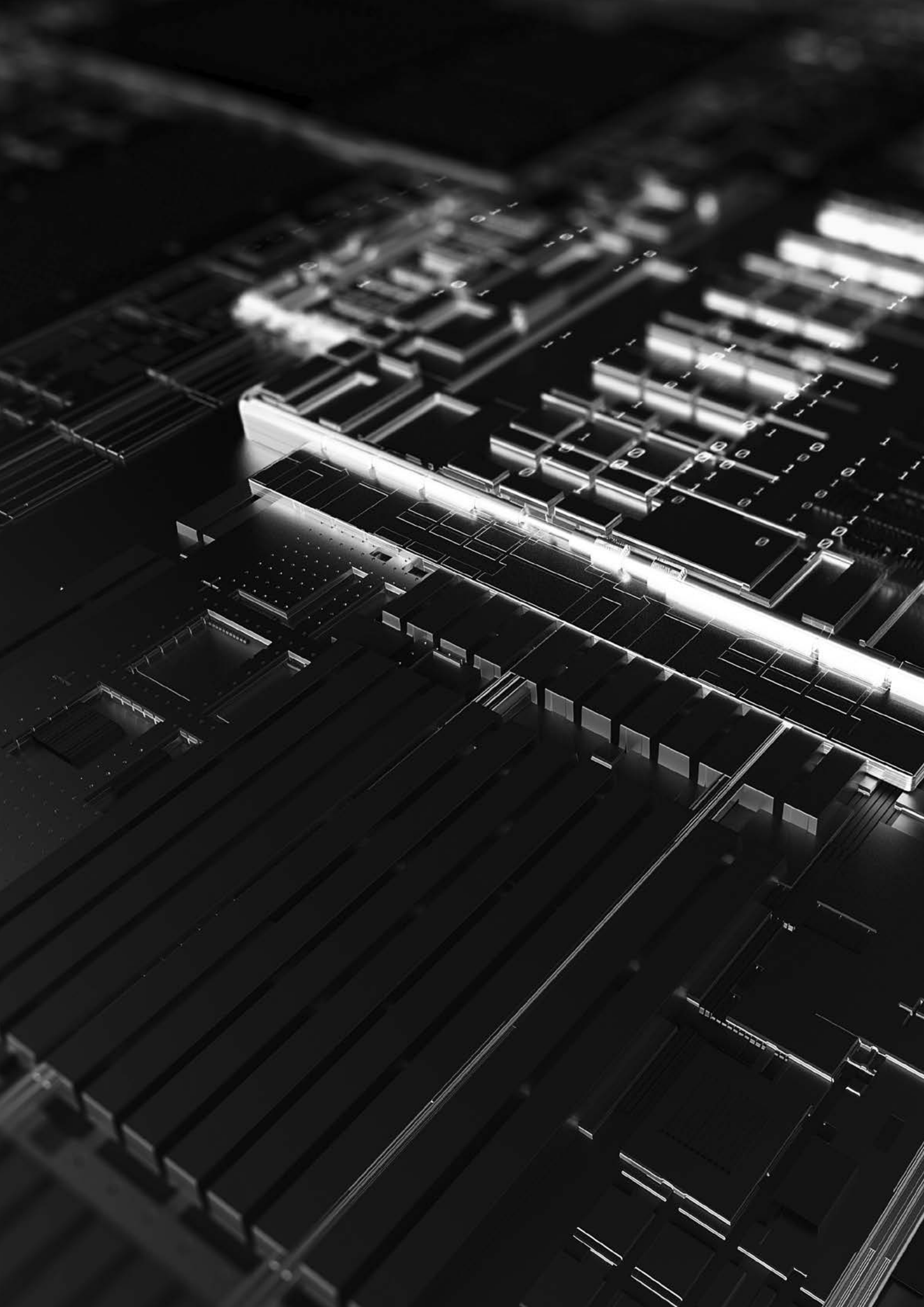


The heart of electronics



ELETRONICA®





ELECTRONIC BOARDS
CUSTOMISED

WITH UNIMAGINABLE
TECHNOLOGY AND RESULT

OUR PHILOSOPHY

THE HEART OF ELECTRONICS

DDS Elettronica was established in 1992 to design electronic applications in the industrial sector.

...our philosophy is to control 100% of the process, starting from research and development up to production.

PROVEN COMPETENCE

It is what we have done in each of the 1500 and more customised projects we have fulfilled. Customised project created using state of the art technology and tools.

COMPLETE CYCLE OF CERTAINTIES

Design, prototyping, pre-compliance EMC tests and commissioning. The entire design and production process is carried out in Italy, at the headquarters in Modena.

...Electronics lives on boards. And we create them. For any application and industrial sector.





PROVEN COMPETENCE

We like to innovative. Always.

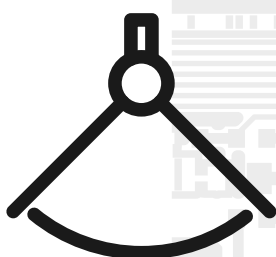
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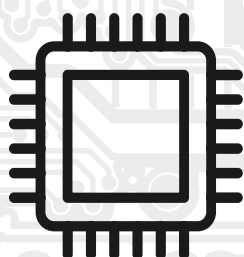
VERIFICATION, TESTING AND CERTIFICATION

The boards produced can be type-approved according to the customer's specific requirements (for example the UL marking). Functional tests and thermographic analysis of the electronic board.



1500

Custom Projects



120K

Production Capacity
Components/hour



1700MQ

Production Area

WHY CHOOSING US

Electronics live on boards. And we create them. For any application and industrial sector. It all starts from the customer's specific requirements. The challenge is to find the best solution possible to bring an idea to life.

DESIGN OF MASTER

Design of master electronics and hardware with latest generation 3D CAD

MECHANICAL DESIGN

Mechanical design of the board or electronic subset with 3D CAD.

RAPID PROTOTYPING

Rapid prototyping to consign test samples to the customer very quickly. We develop the master and write the wiring diagram.

VERIFICATION, CERTIFICATION

Functional test and thermographic analysis of the electronic board to guarantee excellent qualitative standards.

The background of the entire page is a stylized, high-contrast black and white graphic of a circuit board. It features various components like resistors, capacitors, and intricate traces, creating a technical and modern aesthetic.

DESIGN

Analysis of customer needs requests

Development of schematics with modern CAD systems Hardware

Design and printed circuit engineering

Firmware and software development

Creation of prototypes and pre-series

Laboratory tests

Assistance for the design of mechanical and plastic parts

Development of the production process

Series production

Mechanical Development



PRODUCTION

Material management with automatic warehouses

SMT assembly

Wave soldering with Lead Free or Sn-Pb alloys

Automatic selective welding with Lead Free or Sn-Pb alloys

Manual shooting operations

Electrical and functional tests

Conformal coating and silicone coating treatments



SMT Line 45 CM



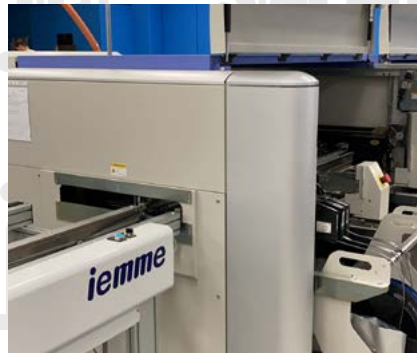
SCREEN 1,5 MT



SMT 1,5 MT



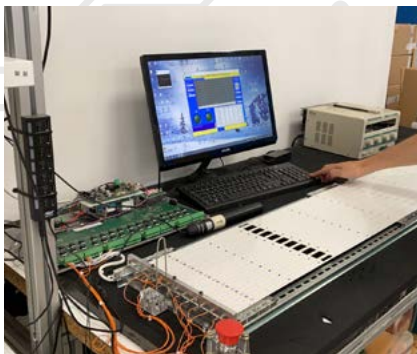
SMT 1,5 MT



SMT 1,5 MT



1,5 MT PCB ASSEMBLED



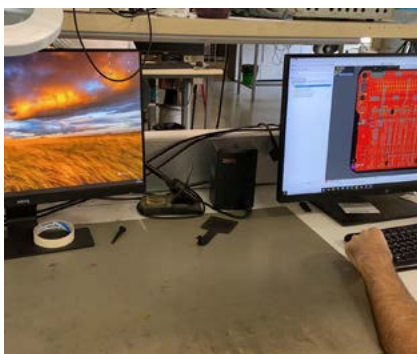
1,5 MT AUTOMATIC TESTING



LASER CUT & MARK



XRAY MACHINE



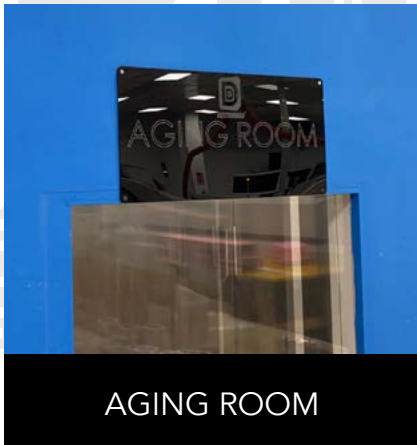
PCB MASTER DEVELOPMENT



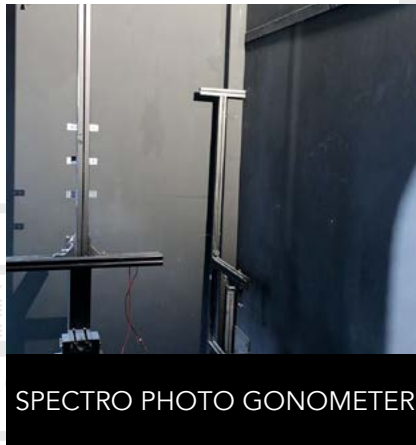
FAST PCB PROTOTYPING



RESIN DISPENSER



AGING ROOM



SPECTRO PHOTO GONOMETER



FIRMWARE JUNIOR



FIRMWARE SENIOR



AUTOMATIC TESTING



ECC TESTING



REFLOW OVEN



DATA CENTER



FLEX STRIP MADE IN ITALY



LED CONTROLLER



CUSTOM & OEM MODULE



AUTOMATIC STORAGE



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