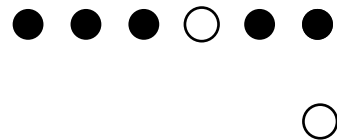


The heart of electronics



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.

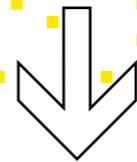
PROVEN COMPETENCE

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.

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

COMPLETE CYCLE OF CERTAINS

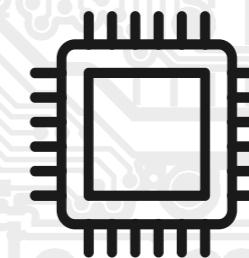
The entire design and production is carried out in Italy, at the headquarters in Modena. Design, prototyping, precompliance EMC tests and commissioning.

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.

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



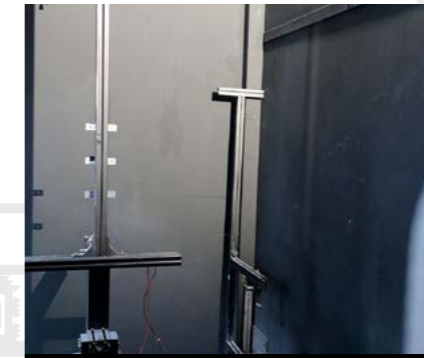
SCREEN 1,5 MT



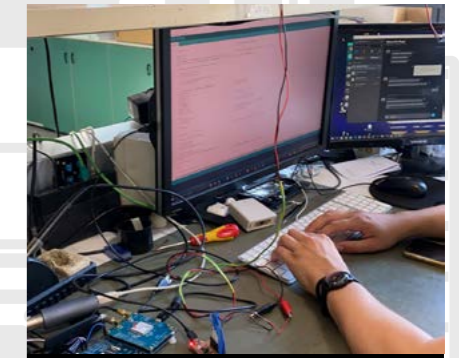
SMT 1,5 MT



AGING ROOM



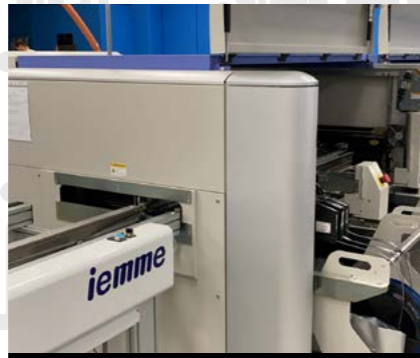
SPECTRO PHOTO GONOMETER



FIRMWARE JUNIOR



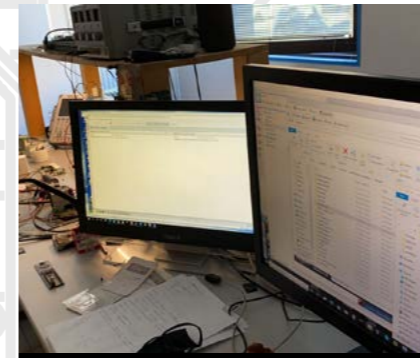
SMT 1,5 MT



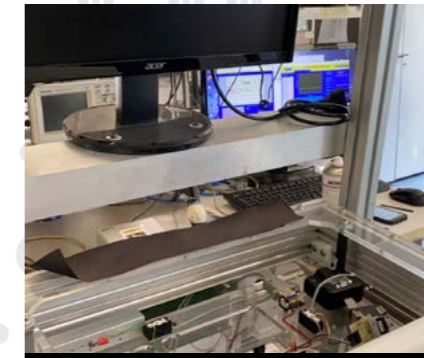
SMT 1,5 MT



1,5 MT PCB ASSEMBLED



FIRMWARE SENIOR



AUTOMATIC TESTING



ECC TESTING



1,5 MT AUTOMATIC TESTING



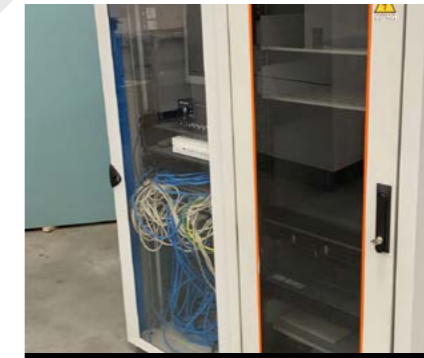
LASER CUT & MARK



XRAY MACHINE



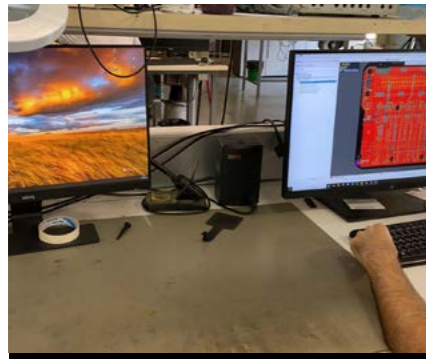
REFLOW OVEN



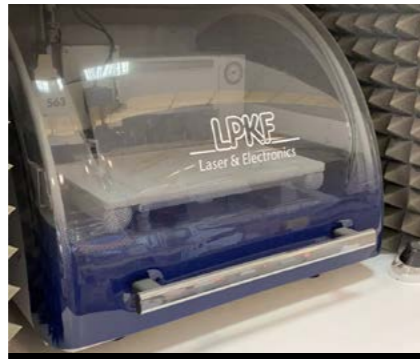
DATA CENTER



FLEX STRIP MADE IN ITALY



PCB MASTER DEVELOPMENT



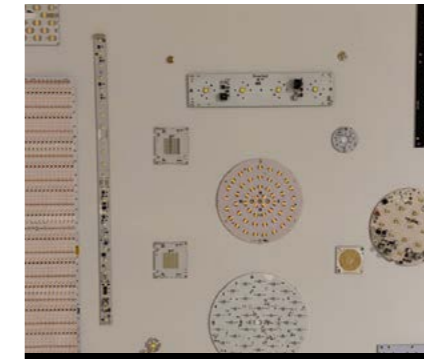
FAST PCB PROTOTYPING



RESIN DISPENSER



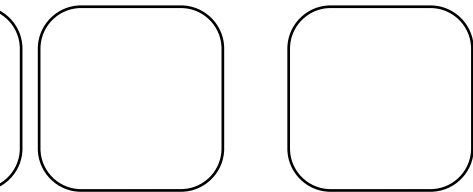
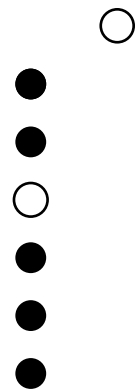
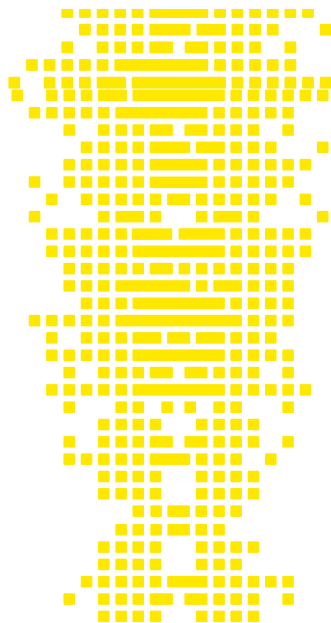
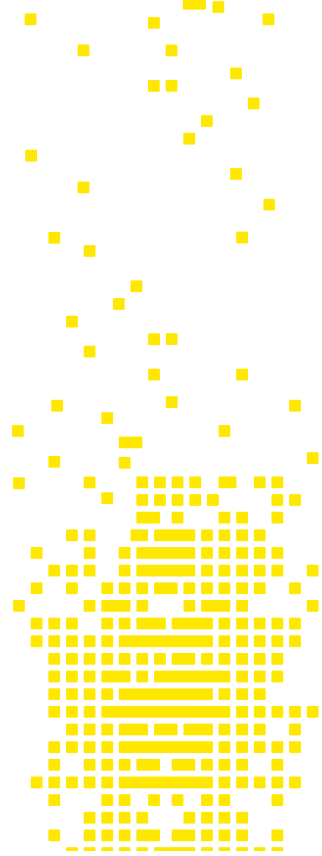
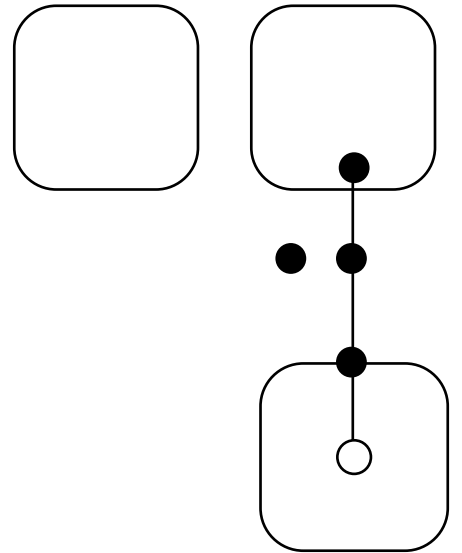
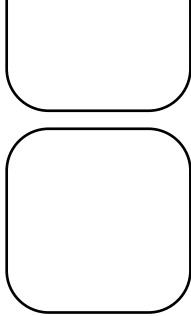
LED CONTROLLER



CUSTOM & OEM MODULE



AUTOMATIC STORAGE



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