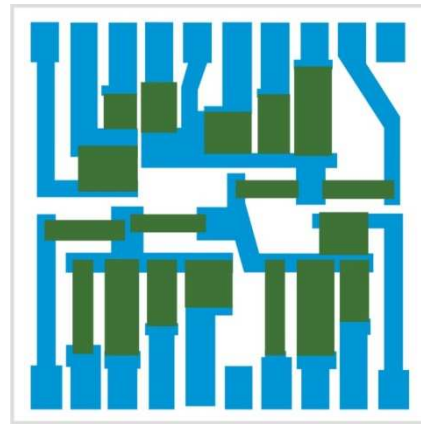


AUREL



COMPANY PROFILE





AUREL Group



AUREL SpA develops and manufactures both proprietary and custom electronic circuits using the most appropriate technology (thick film, SMD, IMS) for the purpose of better reliability and efficiency production. AUREL RF designs wireless modules, electronic circuits for automotive, biomedical, home automation and telecommunications

www.aurelwireless.com
www.aurel-zigbee.com



AUREL Automation SpA manufactures machines and automation systems for electronics production in the range of sensing, energy and electronic modules. The production program includes screen printing machines, laser systems for calibration, marking and cutting, Ovens for drying, curing, reflow and firing. Custom equipment for thick film, solar cells, sensors and new technologies. The main sectors are: automotive, industrial, space, defense and research

www.aurelautomation.com



TEKMEDIA Srl designs devices and accessories for the treatment of satellite and terrestrial television signals, analog and digital. AV extenders, exchanges high-bandwidth systems, fiber optic transmission and reception.

www.tekmedia.it
www.fiber-tekmedia.com

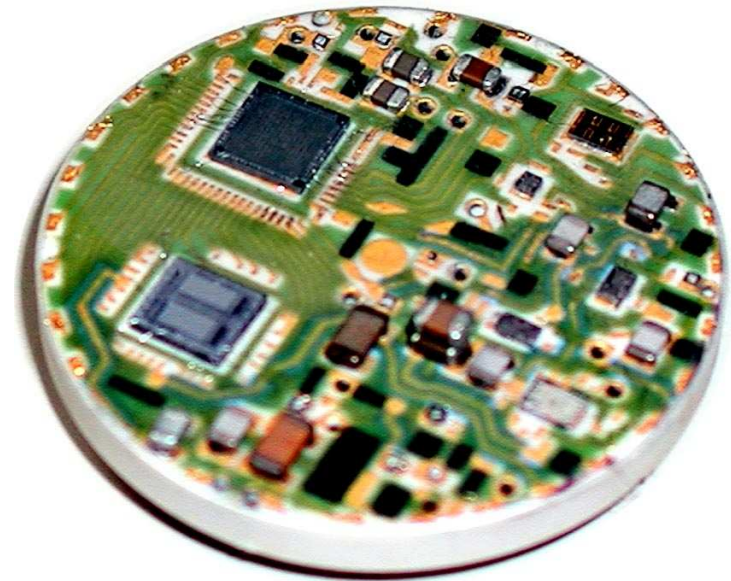


Aurel Spa

AUREL SPA was founded in 1970 by developing the technology of the "thick film" for the production of electronic microcircuits.

Currently a team of specialists dedicated to the several phases of the project is able to offer assistance on best use of Thick Film and SMD(Surface Mounting Device) technology , ensuring a full-service custom design.

A strong commitment and investment in research & development are the main reasons for AUREL's success.



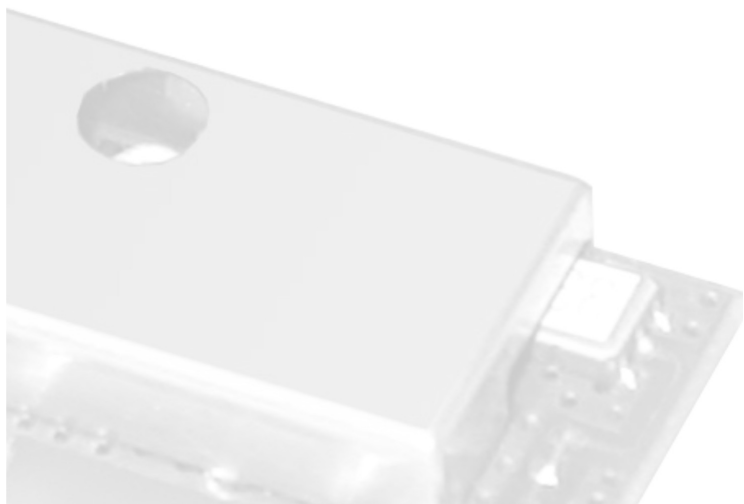
AUREL



Mission



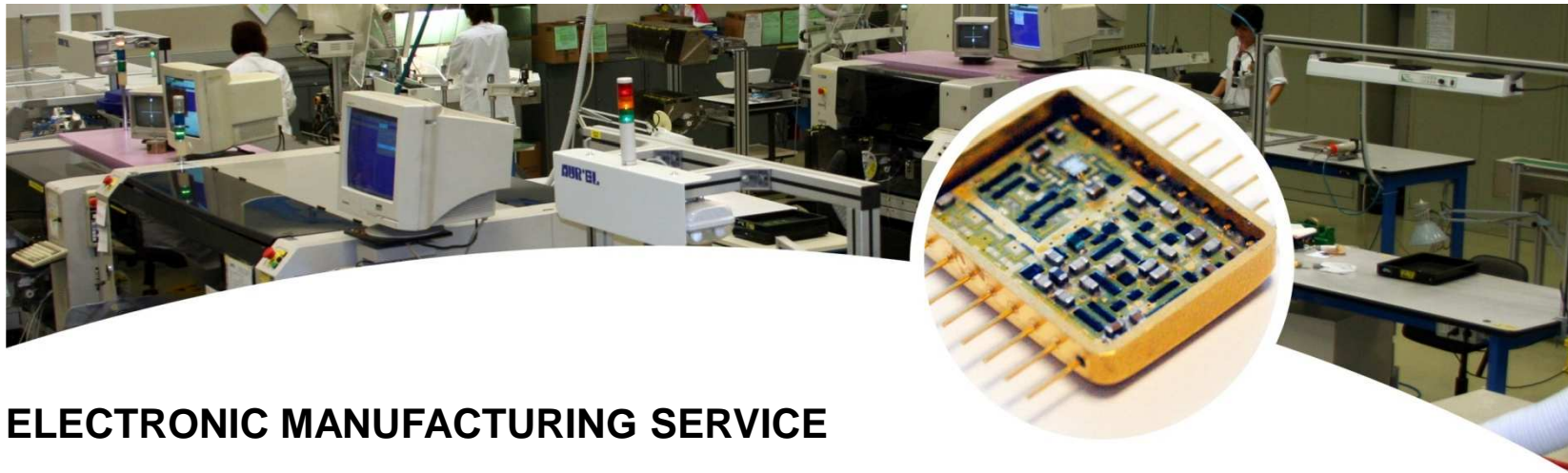
- The high versatility and reliability allows both custom and standard solutions for high volume production.
- AUREL can offer you: design assistance, quality assurance and excellent support service. A dedicated team of design experts offers an efficient answer to both experienced and inexperienced hybrid users and a comprehensive custom design service.



AUREL



Microelectronic area



ELECTRONIC MANUFACTURING SERVICE

- AUREL provides to their customer a full service, supplying both engineering samples and a full production:
- SMD electronic modules.
- Thick film hybrid circuits.
- IMS power modules.

This can be inclusive of full design, purchasing activities for necessary components and complete test of delivered product. Aurel production lines are suitable for **SMD** technology cards (or mixed technology) or multi-strate printed circuit boards, rigid or flexible, metal-core, handling components with case as small as 0201, **BGA** and **micro BGA**, also placed on both side. Production quality is assured via **AOI** (Automatic Optical Inspection), Xray inspection, functional testing, coating.

AUREL



Microelectronic area



ELECTRONIC MANUFACTURING SERVICE

Aurel can provide at any desired manufacturing step: from electronic circuit only up to full finished product, assembled and even placed in full delivery packing.

Since **40 years**, Aurel is leader in thick film technology and can design mass produce Thick Film Hybrid circuits on Alumina and Aluminium Nitride on complex geometry substrates, also provided with laser made metal coated pass-thru holes. Thick Film Technology versatility is offering economical solution in several application fields as automotive, avionics, consumer products, information technology, sensors, biomedical, telecommunications, research, etc...

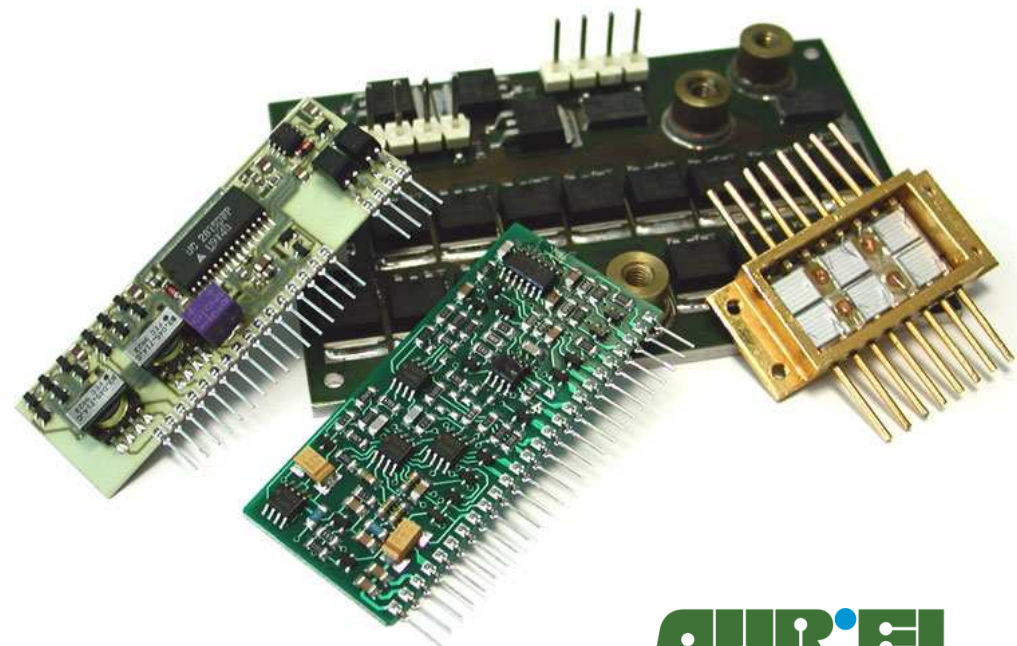


AUREL



Microelectronic area

In the 90's the technology is extended to circuits IMS (Insulated Metal Substrate) to meet the needs of the power circuits (drivers for electric motors, inverters) that require both electrical insulation and thermal conductivity.



AUREL



Wireless area

During the same period was introduced a production of RF circuits using proprietary technologies that enable the company to produce large-scale circuits while minimizing size and optimizing the market price





Microelectronic solutions

The Microelectronic area designs and realizes:

SMT custom hybrid circuits.

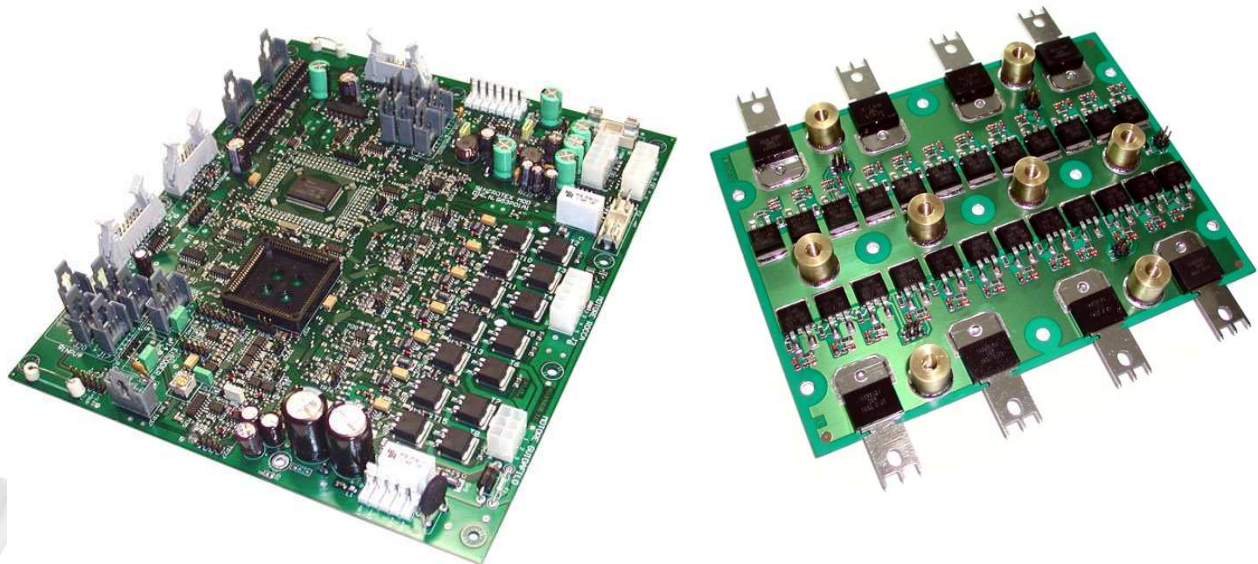
Tailored power circuit on IMS

Lighting through power LED on dissipating substrate.

Modules for scientific applications.

Professional circuits carried out with bonding technical in inert atmosphere.

Heating elements on stainless steel or alumina substrates.



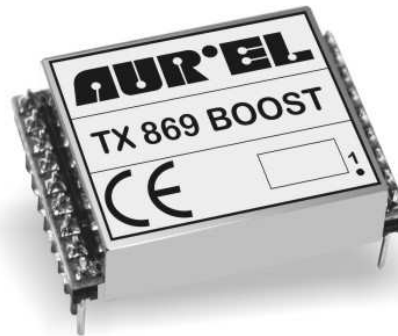
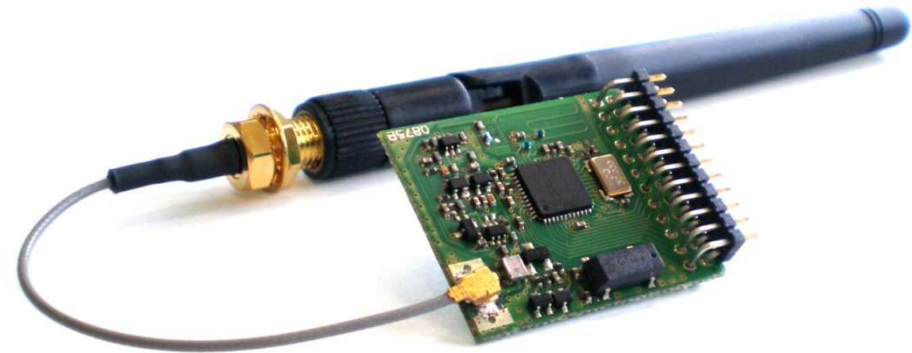
AUREL



Wireless solutions

The highly skilled research laboratory of the RF Wireless division designs and develops a complete line of RF modules SRD (short range device) in accordance with European Standards:

OOK and FSK receivers.
OOK and FSK hybrid transmitters.
Handheld transmitters
Transceivers.
Radiomodem.
Decoding, CATV modules
Outdoor antenna
Modules for ZigBee network.



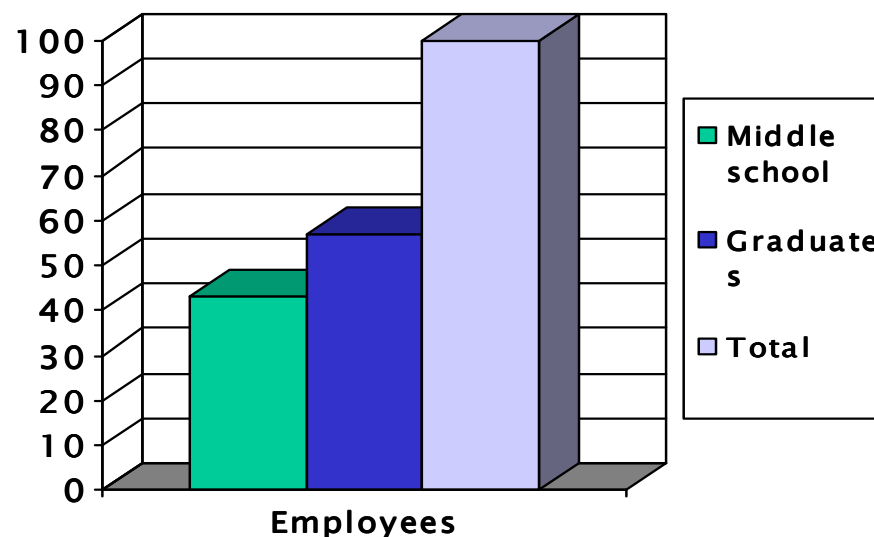
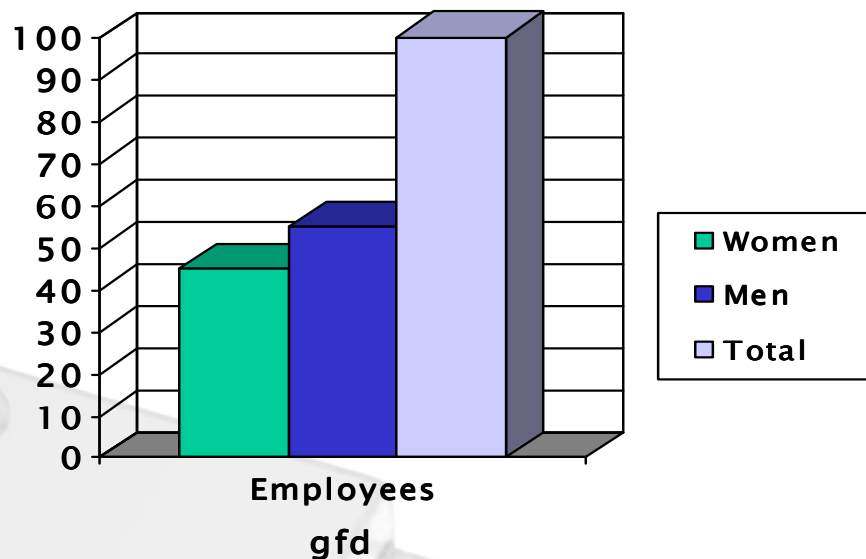
AUREL



Gruppo AUREL Oggi

Organico

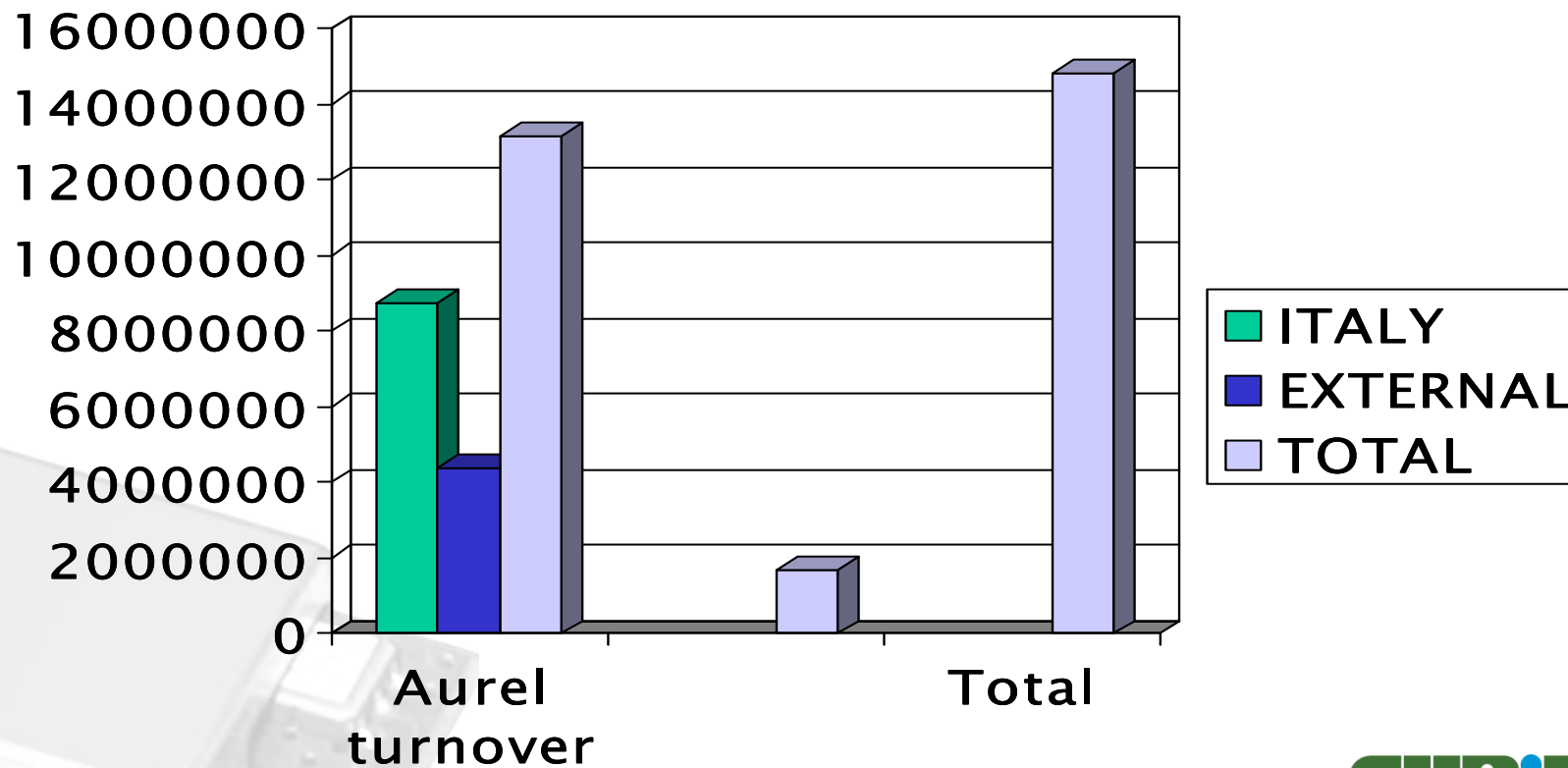
Nowadays Aurel group consists in 100 employees, 45% of them are woman. From several years, Aurel have invested on the expertise of its employees reaching 57% of graduates.





AUREL Group

Aurel turnover : 13.150.000 €
Turnover of allied industries : 1.700.000 €
Total turnover: 14.850.000 €



Certificazione ISO



AUREL Spa is globally certified by ISO 9001 Ed 2000 and has a total system of quality control on all stages of development and production.

Our research labs are "highly qualified " according to DM 18/02/2000 and certified by the Ministry of University and Scientific and Technological Research (MURST).





See you soon