

Transversal competencies



Thin Film Products has more than 30 years heritage in the production of ceramics microwave circuits. In its 1200 m² workshop and clean room, Thin Film Products uses custom processes to manufacture, control and deliver hi-reliability circuits, starting from a custom design.

Well known for its know-how and product quality, Thin Film Products is further recognized for its high reactivity. The company provides very competitive lead times for recurrent volume production, and has a very fast track for prototyping.

COMPETENCIES & CAPABILITIES

Laser substrate drilling and cutting:

- Alumina 99.6% / Ferrite / Quartz / organic

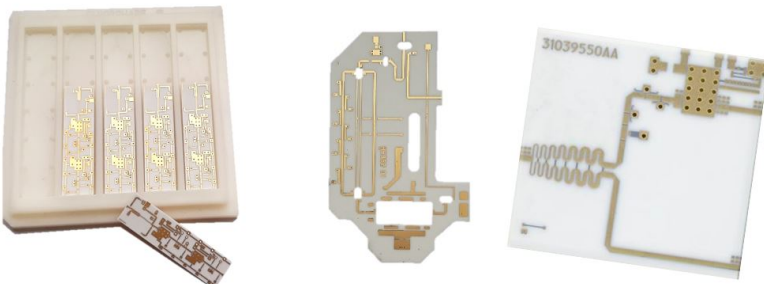
Thin film sputtering (PVD):

- Resistive NiCr / Ta₂N, metal TiW / Pd / Au / Ni / Cr / Cu

Photolithography:

- 15µm features / Photo etching Au / Ni / Cu

Laser trimming / Dicing:



THIN FILM PRODUCTS

PRODUCTS & SERVICES

Thin Film Products offer process services for sputtering and metallization over substrates, with a very strong focus on Rf and microwave circuits on alumina.

These processes can also be applied on various materials for heat sink applications (on AlN for instance) or over glass (optical applications).

Since 2021, Thin Film Products is a subsidiary of SERMA MICROELECTRONICS.

MAJOR SPACE PROJECTS & REFERENCES

Thin film Products circuits were embedded in various satellites programs such as Rosetta, Metop, MTG, and qualified as flight models for OneSat and SpainSat.

Thin Film Products circuits have decades of flight.

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TURNOVER 2 M€

WORK FORCE 10 employees

SPACE TURNOVER 0.5 M€

SPACE WORK FORCE 10 employees