

PRESS RELEASE – January 2021

## **THIN FILM PRODUCTS joins SERMA MICROELECTRONICS**

**22 December 2020 - SERMA Microelectronics, a subsidiary of SERMA Group, finalised the purchase of TFP (THIN FILM PRODUCTS), the French leader in the manufacturing of thin-film microwave circuits for space, military and civil applications.**

This acquisition broadens SERMA Microelectronics' expertise in the production of ceramic electronic circuits, adding thin-film technology to thick-film technology already mastered by the company. It also reinforces SERMA Microelectronics' strategic positioning as a strategic player in the French defense industrial base.

The synergy and complementarities between the two companies shall allow SERMA Microelectronics to propose new global offers in the design and production of microwave hybrid subassemblies on thin-film substrates. Moreover, this acquisition completes SERMA Microelectronics' industrial set-up with a new site near Toulouse, which is an important area of activity in the space sector.

"SERMA Microelectronics is very excited about the integration of TFP. The thin-film technology fits perfectly in our development strategy: it allows us to strengthen our position in the integration of RF/HF microelectronic functions for stringent environment, but also to secure on the long term the excellence of this French industry related to the production of high added value circuits developed so far by Mr MECA at TFP, whom I thank warmly for his support in this transition phase" said Maxence LEVEQUE, CEO of SERMA Microelectronics.

SERMA Microelectronics was supported in this operation by:

- Apollo Avocats (Florence Savouré ; Maria Bermudez-Montoya ; Delphine Dillemann) for the legal, tax and social aspects,
- PwC (Carole Toniutti ; Rudy Pariaud ; Guillaume Lévèque) for the financial audits.

Thin Film Products was supported in this operation by:

- CIC Conseil (Romain Mercier ; Xavier Coulon) as M&A Council,
- Squadra Avocats (Stéphanie Gerard) for the legal aspects.

**ABOUT THIN FILM PRODUCTS (TFP)**

Based in Pinsaguel (31), THIN FILM PRODUCTS is a French manufacturer of hybrid microwave circuits in thin-film technology for space, military and civil applications.

To meet its customers' requirements, TFP has developed special processes for laser cutting, vacuum deposition, electrolytic recharging, photolithography/engraving, resistor adjustment and diamond saw cutting to produce high performance and quality circuits.

All of these processes are mastered in-house and TFP is able to produce and deliver circuits within a week from receipt of the manufacturing files.

**ABOUT SERMA MICROELECTRONICS**

SERMA Microelectronics is a subsidiary of SERMA Group. The company was born in 2013 from the merger of the two companies HCM (Hybritech Composants Microelectronique) and SYSTREL, both with more than 30 years of experience in the field of chip supply and semiconductor assembly for high reliability markets (defence, space, medical).

SERMA Microelectronics develops and supplies special processes for substrate manufacturing and semiconductor integration. The company employs 80 persons gathered since 2019 in a single production site in Périgny (La Rochelle). It is equipped with a clean room of more than 1000 sqm.

With a solid experience in the assembly of hermetic components, mainly on ceramic and metal base, SERMA Microelectronics assists its customers in the development of integration processes allowing the use of the best technology in relation to a mission profile.

The variety of processes available within the company allows SERMA Microelectronics to address various markets and technologies. Thus SERMA Microelectronics operates in MCO (Maintenance in Operational Conditions) by maintaining proven processes and ensuring their lifetime, as well as in the development of technological building blocks allowing the integration of more recent technologies (MEMS, High pin count devices, MMIC, BGA...), and thus mixing its microelectronics and SMD transfer capabilities for the manufacturing of SiP (System In Package).

[www.serma-microelectronics.com](http://www.serma-microelectronics.com)

**ABOUT SERMA GROUP**

SERMA is an independent platform of expertise, consulting and testing for electronic technologies, embedded systems and information systems. It is particularly involved in the design, security and reliability of products and data.

Specialized in sectors with severe environmental, reliability and security constraints, SERMA is characterised by its culture of technical excellence and its network of experts. SERMA serves its customers throughout the product life cycle: from R&D and design phases to maintenance in operational conditions.

SERMA Group supports system designers and users in the mastering of their strategic challenges and is organised around the following 5 complementary businesses:

- Microelectronics
- Energy
- Electronics technologies
- Safety and cybersecurity of systems
- Embedded system engineering

1200 engineers and technicians are the strength of the Group operating in 12 industrial sites in France, Germany and Tunisia. It had a turnover of more than €140M in 2019.

The SERMA Group's business is supported by the following subsidiaries: SERMA Technologies, SERMA Ingénierie, AW2S, SERMA Safety and Security, SERMA Energy, SERMA Microelectronics, Thin Film Products, SERMA ID MOS, SERMA Productivity Engineering and SERMA International.

[www.serma.com](http://www.serma.com)

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