



PRESS RELEASE – January 2023

THIN FILM PRODUCTS merges with SERMA MICROELECTRONICS

1st January 2023 - Thin Film Products, the French leader in the manufacturing of thin-film microwave circuits for space, military and civil applications, merges with SERMA Microelectronics.

Since its acquisition in 2020 by SERMA Microelectronics, a subsidiary of SERMA Group specialized in the development of semiconductor integration processes and the manufacture of technical ceramic substrates, TFP (Thin Film Products) has been keen to capitalize on its in-house processes in manufacturing of thin-film ceramic substrates, to strengthen its quality system (which notably enabled it to obtain ISO9001 certification in July 2022) and to develop technical gateways towards SERMA Microelectronics.

These breakthrough allow SERMA Microelectronics to provide its customers more integrated services with higher added value (new processes, new materials, semiconductor integration through die attach on the substrates, test and qualification, technological mix...).

In order to pursue the development of those activities, the right time seems here to go further with the integration of TFP to SERMA Microelectronics, through a merge of the companies.

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).

Since 2021, SERMA Microelectronics offers through its subsidiary TFP (Thin Film Products) based in Pinsaguel (Toulouse) ceramic circuits in thin film technology. Internalized sputtering and photolithography/photogravure processes allow TFP to manufacture on demand and in very short lead times circuits for microwave, photonic or laser applications with high reliability.

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

1300 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 €170M in 2021.

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

www.serma.com

CONTACT

Florie BOUSQUIE | SERMA Group Communication Manager | f.bousquie@serma.com