Stellantis Implements Multifaceted Semiconductor Strategy to Ensure Supply Security, Drive Innovation

* Stellantis strategy combines agreements with chip makers for critical semiconductors, purchase of parts, and full visibility of future chip needs
* Semiconductors play key roles in delivering capabilities and features in upcoming Stellantis BEV-centric STLA vehicle platforms and STLA AI-powered software platforms
* Secure supply of powerful, innovative semiconductors helps Stellantis vehicles deliver on the bold goals of the Dare Forward 2030 strategic plan

AMSTERDAM, July 18, 2023 – Semiconductors are the linchpin to the performance, safety, and customer features of Stellantis vehicles today and in the new state-of-the-art, BEV-centric STLA vehicle and technology platforms arriving soon. As the auto industry’s demand for semiconductors accelerates, Stellantis is implementing a multifaceted strategy designed to manage and secure the long-term supply of vital microchips. Developed by a cross-functional team, the strategy was created through a rigorous assessment of customer desires for advanced technology features and a keen focus on delivering the objectives laid out in the Stellantis [Dare Forward 2030](https://www.stellantis.com/en/company/dare-forward-2030) plan.

The robust strategy, which is refined continuously, includes:

* implementation of a semiconductor database to provide full transparency on the semiconductor content;
* systematic risk assessment to avoid and proactively remove legacy parts;
* long-term chip level demand forecasting to support capacity securitization agreements with chip makers and Silicon Foundries;
* implementation and enforcement of a Green List to reduce chip diversity and – in case of future chip shortages – to put Stellantis in control of the allocation; and,
* the purchasing of mission-critical parts at chip makers including a long-term securitization of chip supply.

Stellantis has started to engage with strategic semiconductor providers like Infineon, NXP® Semiconductors, onsemi, and Qualcomm to further improve its all-new, state-of-the-art STLA platforms and technologies. In addition, Stellantis is working with aiMotive and SiliconAuto to develop its own differentiating semiconductors in the future.

“An effective semiconductor strategy requires a deep understanding of semiconductors and the semiconductor industry,” said Maxime Picat, Chief Purchasing and Supply Chain Officer at Stellantis. “We have hundreds of very different semiconductors in our cars. We have built a comprehensive ecosystem to mitigate the risk that one missing chip can stop our lines. At the same time, key vehicle capabilities directly depend on the innovation and performance of single devices. SiC MOSFETS extend the range of our electric vehicles while the computation performance of a leading-edge SoC is essential for the customer experience and safety.”

To date, Stellantis has entered into direct agreements for semiconductors with a purchasing value of more than €10 billion through 2030. The supply agreements cover a variety of vital microchips, including:

* Silicon Carbide (SiC) MOSFETS, which are fundamental to the range of EVs.
* Microcontroller Unit (MCU), a key part of the computing zones for the STLA Brain electrical architecture.
* System-on-a-chip (SoC), where performance is essential for the high-performance computing (HPC) units that deliver the in-vehicle infotainment and autonomous driving assist functions.

Semiconductors play key roles in the vehicles that are driving the Stellantis transformation into a sustainable mobility tech company, as outlined in Dare Forward 2030. This includes enabling features and functions in the BEV-native STLA global platforms (Small/Medium/Large/Frame) and the seamless connectivity, remote upgradability, and the flexible service-oriented electrical/electronic architecture that underpins the STLA Brain, STLA SmartCockpit, and STLA AutoDrive artificial intelligence-powered platforms.

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About Stellantis

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 *Actual results may differ materially from those expressed in forward-looking statements as a result of a variety of factors, including: the impact of the COVID-19 pandemic, the ability of Stellantis to launch new products successfully and to maintain vehicle shipment volumes; changes in the global financial markets, general economic environment and changes in demand for automotive products, which is subject to cyclicality; changes in local economic and political conditions, changes in trade policy and the imposition of global and regional tariffs or tariffs targeted to the automotive industry, the enactment of tax reforms or other changes in tax laws and regulations; Stellantis’ ability to expand certain of their brands globally; its ability to offer innovative, attractive products; its ability to develop, manufacture and sell vehicles with advanced features including enhanced electrification, connectivity and autonomous-driving characteristics; various types of claims, lawsuits, governmental investigations and other contingencies, including product liability and warranty claims and environmental claims, investigations and lawsuits; material operating expenditures in relation to compliance with environmental, health and safety regulations; the intense level of competition in the automotive industry, which may increase due to consolidation; exposure to shortfalls in the funding of Stellantis’ defined benefit pension plans; the ability to provide or arrange for access to adequate financing for dealers and retail customers and associated risks related to the establishment and operations of financial services companies; the ability to access funding to execute Stellantis’ business plans and improve its businesses, financial condition and results of operations; a significant malfunction, disruption or security breach compromising information technology systems or the electronic control systems contained in Stellantis’ vehicles; Stellantis’ ability to realize anticipated benefits from joint venture arrangements; disruptions arising from political, social and economic instability; risks associated with our relationships with employees, dealers and suppliers; increases in costs, disruptions of supply or shortages of raw materials, parts, components and systems used in Stellantis’ vehicles; developments in labor and industrial relations and developments in applicable labor laws; exchange rate fluctuations, interest rate changes, credit risk and other market risks; political and civil unrest; earthquakes or other disasters; risks and other items described in the Company’s Annual Report on Form 20-F for the year ended December 31, 2022 and Current Reports on Form 6-K and amendments thereto filed with the SEC; and other risks and uncertainties.*

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