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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

**FORM 6-K**

**REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES  
EXCHANGE ACT OF 1934**

For the month of October, 2025

Commission File Number: 1-13546

**STMicroelectronics N.V.**

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(Name of Registrant)

WTC Schiphol Airport  
Schiphol Boulevard 265  
1118 BH Schiphol Airport  
The Netherlands

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(Address of Principal Executive Offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F  Form 40-F

Enclosure: A press release dated October 20, 2025, announcing the results of trading in STMicroelectronics' own shares as part of the previously announced share buy-back program for the period from October 13, 2025, to October 17, 2025.

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Press release  
Communiqué de presse  
Comunicato stampa  
新闻稿 / 新聞稿  
プレスリリース  
보도자료

PR N°C3363C

## STMicroelectronics announces status of common share repurchase program

*Disclosure of Transactions in Own Shares – Period from October 13, 2025 to October 17, 2025*

**AMSTERDAM – October 20, 2025** -- STMicroelectronics N.V. (the “Company” or “STMicroelectronics”), a global semiconductor leader serving customers across the spectrum of electronics applications, announces full details of its common share repurchase program (the “Program”) disclosed via a press release dated June 21, 2024. The Program was approved by a shareholder resolution dated May 22, 2024 and by the supervisory board.

STMicroelectronics N.V. (registered with the trade register under number 33194537) (LEI: 213800Z8NOHIKRI42W10) announces the repurchase (by a broker acting for the Company) on the regulated market of Euronext Paris, in the period between October 13, 2025 to October 17, 2025 (the “Period”), of 292,850 ordinary shares (equal to 0.03% of its issued share capital) at the weighted average purchase price per share of EUR 24.5472 and for an overall price of EUR 7,188,651.84.

The purpose of these transactions under article 5(2) of Regulation (EU) 596/2014 (the Market Abuse Regulation) was to meet obligations arising from share option programmes, or other allocations of shares, to employees or to members of the administrative, management or supervisory bodies of the issuer or of an associate company.

The shares may be held in treasury prior to being used for such purpose and, to the extent that they are not ultimately needed for such purpose, they may be used for any other lawful purpose under article 5(2) of the Market Abuse Regulation.

Below is a summary of the repurchase transactions made in the course of the Period in relation to the ordinary shares of STMicroelectronics (ISIN: NL0000226223), in detailed form.

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## Transactions in Period

Dates of transaction	Number of shares purchased	Weighted average purchase price per share (EUR)	Total amount paid (EUR)	Market on which the shares were bought (MIC code)
13-Oct-25	38,811	24.4637	949,460.66	XPAR
14-Oct-25	80,242	24.2808	1,948,339.95	XPAR
15-Oct-25	70,000	24.6847	1,727,929.00	XPAR
16-Oct-25	23,797	24.8718	591,874.22	XPAR
17-Oct-25	80,000	24.6381	1,971,048.00	XPAR
Total for Period	292,850	24.5472	7,188,651.84	

Following the share buybacks detailed above, the Company holds in total 19,940,503 treasury shares, which represents approximately 2.2% of the Company's issued share capital.

In accordance with Article 5(1)(b) of the Market Abuse Regulation and Article 2(3) of Commission Delegated Regulation (EU) 2016/1052, a full breakdown of the individual trades in the Program are disclosed on the ST website (<https://investors.st.com/stock-and-bond-information/share-buyback>).

### About STMicroelectronics

At ST, we are 50,000 creators and makers of semiconductor technologies mastering the semiconductor supply chain with state-of-the-art manufacturing facilities. An integrated device manufacturer, we work with more than 200,000 customers and thousands of partners to design and build products, solutions, and ecosystems that address their challenges and opportunities, and the need to support a more sustainable world. Our technologies enable smarter mobility, more efficient power and energy management, and the wide-scale deployment of cloud-connected autonomous things. We are on track to be carbon neutral in all direct and indirect emissions (scopes 1 and 2), product transportation, business travel, and employee commuting emissions (our scope 3 focus), and to achieve our 100% renewable electricity sourcing goal by the end of 2027. Further information can be found at [www.st.com](http://www.st.com).

### For further information, please contact:

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