

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

(Amendment No. 3)*

GLOBALFOUNDRIES Inc.

(Name of Issuer)

Ordinary Shares, \$0.02 par value per share

(Title of Class of Securities)

(CUSIP Number)

06/30/2026

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- ☐ Rule 13d-1(b)
- ☐ Rule 13d-1(c)
- ☒ Rule 13d-1(d)

SCHEDULE 13G

CUSIP No.

1

Names of Reporting Persons

Mubadala Investment Company PJSC

Check the appropriate box if a member of a Group (see instructions)

2

☐ (a)

☐ (b)

3

Sec Use Only

Citizenship or Place of Organization

4

UNITED ARAB EMIRATES

Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power
	0.00	
		Shared Voting Power
	6	
	399,573,756.00	
		Sole Dispositive Power
	7	
	0.00	
		Shared Dispositive Power
	8	
	399,573,756.00	

9	Aggregate Amount Beneficially Owned by Each Reporting Person
	399,573,756.00
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
	☐
11	Percent of class represented by amount in row (9)
	72.82 %
12	Type of Reporting Person (See Instructions)
	CO

Comment for Type of Reporting Person: The information set forth herein regarding percentages of beneficial ownership is based upon the 548,700,833 ordinary shares, \$0.02 par value per share ("548,700,833 Ordinary Shares") outstanding as of June 1, 2026, as reported by the Issuer in its Report on Form 6-K furnished to the Securities and Exchange Commission on June 15, 2026 in connection with the Issuer's 2026 annual general meeting.

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons
	Mamoura Diversified Global Holding PJSC
	Check the appropriate box if a member of a Group (see instructions)
2	☐ (a)
	☐ (b)
3	Sec Use Only
4	Citizenship or Place of Organization
	UNITED ARAB EMIRATES
	Sole Voting Power
	5
	0.00
Number of Shares Beneficially Owned by Each Reporting Person With:	6
	399,573,756.00
	Sole Dispositive Power
	7
	0.00
	Shared Dispositive Power
	8
	399,573,756.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person

	399,573,756.00
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
	☐
11	Percent of class represented by amount in row (9)
	72.82 %
12	Type of Reporting Person (See Instructions)
	CO

Comment for Type of Reporting Person: The information set forth herein regarding percentages of beneficial ownership is based upon 548,700,833 Ordinary Shares outstanding as of June 1, 2026, as reported by the Issuer in its Report on Form 6-K furnished to the Securities and Exchange Commission on June 15, 2026 in connection with the Issuer's 2026 annual general meeting.

SCHEDULE 13G

CUSIP No.

	Names of Reporting Persons
1	Mubadala Technology Investments (Mubadala Technology) LLC
	Check the appropriate box if a member of a Group (see instructions)
2	☐ (a)
	☐ (b)
3	Sec Use Only
4	Citizenship or Place of Organization
	UNITED ARAB EMIRATES
	Sole Voting Power
5	0.00
	Shared Voting Power
6	399,573,756.00
	Sole Dispositive Power
7	0.00
	Shared Dispositive
8	Power
	399,573,756.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person
	399,573,756.00
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
	☐
11	Percent of class represented by amount in row (9)
	72.82 %
12	Type of Reporting Person (See Instructions)
	OO

Comment for Type of Reporting Person: The information set forth herein regarding percentages of beneficial ownership is based upon 548,700,833 Ordinary Shares outstanding as of June 1, 2026, as reported by the Issuer in its Report on Form 6-K

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons
	Mubadala Technology Investment Company
	Check the appropriate box if a member of a Group (see instructions)
2	☐ (a)
	☐ (b)
3	Sec Use Only
	Citizenship or Place of Organization
4	CAYMAN ISLANDS
	Sole Voting Power
5	0.00
Number of	Shared Voting Power
Shares	6
Beneficially	285,271,687.00
Owned by	Sole Dispositive Power
Each	7
Reporting	0.00
Person	Shared Dispositive
With:	Power
	8
	285,271,687.00
	Aggregate Amount Beneficially Owned by Each Reporting Person
9	285,271,687.00
	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
10	☐
	Percent of class represented by amount in row (9)
11	51.99 %
	Type of Reporting Person (See Instructions)
12	OO

Comment for Type of Reporting Person: The information set forth herein regarding percentages of beneficial ownership is based upon 548,700,833 Ordinary Shares outstanding as of June 1, 2026, as reported by the Issuer in its Report on Form 6-K furnished to the Securities and Exchange Commission on June 15, 2026 in connection with the Issuer's 2026 annual general meeting.

SCHEDULE 13G

CUSIP No.

	Names of Reporting Persons
1	MTI International Investment Company LLC
2	Check the appropriate box if a member of a Group (see instructions)

- ☐ (a)
☐ (b)

3 Sec Use Only
 4 Citizenship or Place of Organization

UNITED ARAB EMIRATES

Sole Voting Power

5

0.00

Number of
 Shares
 Beneficially
 Owned by
 Each
 Reporting
 Person
 With:

6

Shared Voting Power

114,302,069.00

Sole Dispositive Power

7

0.00

Shared Dispositive

8

Power

114,302,069.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

114,302,069.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10



Percent of class represented by amount in row (9)

11

20.83 %

Type of Reporting Person (See Instructions)

12

OO

Comment for Type of Reporting Person: The information set forth herein regarding percentages of beneficial ownership is based upon 548,700,833 Ordinary Shares outstanding as of June 1, 2026, as reported by the Issuer in its Report on Form 6-K furnished to the Securities and Exchange Commission on June 15, 2026 in connection with the Issuer's 2026 annual general meeting.

SCHEDULE 13G

Item 1.

Name of issuer:

(a)

GLOBALFOUNDRIES Inc.

Address of issuer's principal executive offices:

(b)

400 Stonebreak Road Extension, Malta, New York 12020

Item 2.

Name of person filing:

(a)

(i) Mubadala Investment Company PJSC (ii) Mamoura Diversified Global Holding PJSC (iii) Mubadala Technology Investments (Mubadala Technology) LLC (iv) Mubadala Technology Investment Company (v) MTI International Investment Company LLC

Address or principal business office or, if none, residence:

(b)

(i) Mamoura A Building Abu Dhabi, 45005 United Arab Emirates (ii) Mamoura A Building Abu Dhabi, 45005 United Arab Emirates (iii) Mamoura A Building Abu Dhabi, 45005 United Arab Emirates (iv) Maples Corporate Services Limited, PO Box 309, Ugland House, Grand Cayman, KY1-1104, Cayman Islands (v) Mamoura A Building Abu Dhabi, 45005 United Arab Emirates

(c)

Citizenship:

(i) Please refer to Item 4 on each cover page for each Reporting Person.

Title of class of securities:

(d)

Ordinary Shares, \$0.02 par value per share

(e)

CUSIP No.:

Item 3. If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) ☐ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
- (b) ☐ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c) ☐ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d) ☐ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e) ☐ An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);
- (f) ☐ An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);
- (g) ☐ A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h) ☐ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) ☐ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) ☐ A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:
- (k) ☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

Amount beneficially owned:

- (a) Information with respect to the Reporting Persons' ownership as of June 30, 2026 is incorporated by reference to Item 9 of the cover page for each Reporting Person.
Percent of class:
- (b) See responses to Item 11 on each cover page. %
- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote:
See responses to Item 5 on each cover page.
 - (ii) Shared power to vote or to direct the vote:
See responses to Item 6 on each cover page.
 - (iii) Sole power to dispose or to direct the disposition of:
See responses to Item 7 on each cover page.
 - (iv) Shared power to dispose or to direct the disposition of:
See responses to Item 8 on each cover page.

Item 5. Ownership of 5 Percent or Less of a Class.

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications:
Not Applicable

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Mubadala Investment Company PJSC

Signature: /s/ Hernan Daniel Pellegrini
Name/Title: Hernan Daniel Pellegrini / Authorized Signatory
Date: 08/10/2026

Mamoura Diversified Global Holding PJSC

Signature: /s/ Hernan Daniel Pellegrini
Name/Title: Hernan Daniel Pellegrini / Authorized Signatory
Date: 08/10/2026

Mubadala Technology Investments (Mubadala Technology)
LLC

Signature: /s/ Hernan Daniel Pellegrini
Name/Title: Hernan Daniel Pellegrini / Authorized Signatory
Date: 08/10/2026

Mubadala Technology Investment Company

Signature: /s/ Hernan Daniel Pellegrini
Name/Title: Hernan Daniel Pellegrini / Authorized Signatory
Date: 08/10/2026

MTI International Investment Company LLC

Signature: /s/ Hernan Daniel Pellegrini
Name/Title: Hernan Daniel Pellegrini / Authorized Signatory
Date: 08/10/2026

Exhibit Information

Exhibit Index Exhibit 1 Agreement of Joint Filing as required by Rule 13d-1(k)(1) under the Act.* * Incorporated by reference to the Agreement of Joint Filing by Mubadala Investment Company PJSC, Mamoura Diversified Global Holding PJSC, Mubadala Technology Investments LLC, Mubadala Technology Investment Company and MTI International Investment Company LLC dated February 11, 2022, which was previously filed with the Commission as Exhibit to Schedule 13G filed by Mubadala Investment Company PJSC, Mamoura Diversified Global Holding PJSC, Mubadala Technology Investments LLC, Mubadala Technology Investment Company and MTI International Investment Company LLC on February 11, 2022 with respect to the shares of GLOBALFOUNDRIES Inc.