UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

GLOBALFOUNDRIES Inc.
(Name of Issuer)
Ordinary Shares, \$0.02 par value per share
(Title of Class of Securities)
G39387108
(CUSIP Number)
December 31, 2021
(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)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)					
_	Mubadala Investment Company PJSC					
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)						
2 (a) \square						
3	(b) □ SEC USE ON	LY				
4	CITIZENSHII	OR PL	ACE OF ORGANIZATION			
4	The Emirate of	f Abu Dl	nabi, United Arab Emirates			
NUMBER OF SHARES BENEFICIALLY		5	SOLE VOTING POWER			
		3	Not applicable			
		6	SHARED VOTING POWER			
OWNED BY			469,501,994			
EACH		7	SOLE DISPOSITIVE POWER			
	PORTING ERSON	1111110	Not applicable			
_	WITH 8	8	SHARED DISPOSITIVE POWER			
			469,501,994			
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 469,501,994					
10	CHECK IF TH	IE AGG	REGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)			
11	PERCENT OF	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
11	88.3% ⁽¹⁾	$3.3\%^{(1)}$				
10		TYPE OF REPORTING PERSON (See Instructions)				
12	CO	20				

(1) The information set forth herein regarding percentages of beneficial ownership is based upon information obtained from GLOBALFOUNDRIES Inc. (the "Issuer") regarding the 531,845,744 ordinary shares, \$0.02 par value per share ("Ordinary Shares") disclosed as outstanding by the Issuer in its prospectus on Form 424B4 as of October 27, 2021, filed with the Securities and Exchange Commission (the "Commission") on October 29, 2021.

		3			
· · · · · · · · · · · · · · · · · · ·					
(b) □					
SEC USE ONLY					
CITIZENSHIP OR	PLACE OF	FORGANIZATION			
The Emirate of Ab	ı Dhabi, Un	ited Arab Emirates			
UMBER OF	F	SOLE VOTING POWER			
SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON		Not applicable			
		SHARED VOTING POWER			
		469,501,994			
		SOLE DISPOSITIVE POWER			
		Not applicable			
		SHARED DISPOSITIVE POWER			
WITH	8	469,501,994			
AGGREGATE AM	OUNT BE	NEFICIALLY OWNED BY EACH REPORTING PERSON			
469,501,994					
CHECK IF THE A	GGREGAT	E AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)			
PERCENT OF CL					
88.3% ⁽²⁾		• •			
	TING PERS	ON (See Instructions)			
CO					
	I.R.S. IDENTIFICA Mamoura Diversifi CHECK THE APP (a) □ (b) □ SEC USE ONLY CITIZENSHIP OR The Emirate of About UMBER OF SHARES NEFICIALLY WNED BY EACH EPORTING PERSON WITH AGGREGATE AM 469,501,994 CHECK IF THE A PERCENT OF CLA 88.3%(2) TYPE OF REPORT	I.R.S. IDENTIFICATION NOS Mamoura Diversified Global F CHECK THE APPROPRIATE (a) □ (b) □ SEC USE ONLY CITIZENSHIP OR PLACE OF The Emirate of Abu Dhabi, Un UMBER OF SHARES NEFICIALLY WNED BY EACH EPORTING PERSON WITH AGGREGATE AMOUNT BEI 469,501,994 CHECK IF THE AGGREGAT PERCENT OF CLASS REPRI 88.3%(2) TYPE OF REPORTING PERS	SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION The Emirate of Abu Dhabi, United Arab Emirates UMBER OF SHARES Not applicable NEFICIALLY 6 SHARED VOTING POWER WNED BY EACH 6 SOLE DISPOSITIVE POWER EPORTING PERSON WITH 8 SHARED DISPOSITIVE POWER 469,501,994 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 469,501,994 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW(9) 88.3%(2) TYPE OF REPORTING PERSON (See Instructions)		

(2) The information set forth herein regarding percentages of beneficial ownership is based upon information obtained from the Issuer regarding the 531,845,744 Ordinary Shares disclosed as outstanding by the Issuer in its prospectus on Form 424B4 as of October 27, 2021, filed with the Commission on October 29, 2021.

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 469,501,994				
CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)				
PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
_				

(3) The information set forth herein regarding percentages of beneficial ownership is based upon information obtained from the Issuer regarding the 531,845,744 Ordinary Shares disclosed as outstanding by the Issuer in its prospectus on Form 424B4 as of October 27, 2021, filed with the Commission on October 29, 2021.

1	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Mubadala Technology Investment Company				
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 Cayman Islands				
	UMBER OF SHARES	5	SOLE VOTING POWER Not applicable		
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		6	SHARED VOTING POWER 355,199,925		
		7	SOLE DISPOSITIVE POWER Not applicable		
		8	SHARED DISPOSITIVE POWER 355,199,925		
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 355,199,925				
10	CHECK IF THE A	GGREGA	TE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 66.8% ⁽⁴⁾				
12	TYPE OF REPOR	TING PER	SON (See Instructions)		

(4) The information set forth herein regarding percentages of beneficial ownership is based upon information obtained from the Issuer regarding the 531,845,744 Ordinary Shares disclosed as outstanding by the Issuer in its prospectus on Form 424B4 as of October 27, 2021, filed with the Commission on October 29, 2021.

	NAME OF REPORTING PERSONS				
1	I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)				
	MTI Internation	al Invest	ment Company LLC		
	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)				
2	(a) □		, , ,		
	(b) □				
3	SEC USE ONL	Y			
4	CITIZENSHIP	OR PLA	CE OF ORGANIZATION		
4	The Emirate of	Abu Dha	bi, United Arab Emirates		
NUM	UMBER OF 5 SOLE VOTING POWER				
SH	ARES	5	Not applicable		
BENE	FICIALLY	6	SHARED VOTING POWER		
OWI	NED BY	б	114,302,069		
E	EACH		SOLE DISPOSITIVE POWER		
REPORTING 7 Not applicable		Not applicable			
PE	PERSON SHARED DISPOSITIVE POWER				
V	VITH	8	114,302,069		
9	AGGREGATE .	AMOUN	T BENEFICIALLY OWNED BY EACH REPORTING PERSON		
9	114,302,069				
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)				
PERCENT OF CLAS		CLASS I	REPRESENTED BY AMOUNT IN ROW (9)		
11	21.5% ⁽⁵⁾				
12	TYPE OF REPO	ORTING	PERSON (See Instructions)		
12	00				

(5) The information set forth herein regarding percentages of beneficial ownership is based upon information obtained from the Issuer regarding the 531,845,744 Ordinary Shares disclosed as outstanding by the Issuer in its prospectus on Form 424B4 as of October 27, 2021, filed with the Commission on October 29, 2021.

Item 1.

(a) Name of Issuer:

GLOBALFOUNDRIES Inc.

(b) Address of Issuer's Principal Executive Offices:400 Stonebreak Road Extension, Malta, New York 12020

Item 2.

- (a) Name of Person Filing:
 - (i) Mubadala Investment Company PJSC
 - (ii) Mamoura Diversified Global Holding PJSC
 - (iii) Mubadala Technology Investments LLC
 - (iv) Mubadala Technology Investment Company
 - (v) MTI International Investment Company LLC
- (b) Address of Principal Business Office or, if none, Residence:
 - (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.
- (d) Title of Class of Securities:
 Ordinary Shares, \$0.02 par value per share
- (e) CUSIP Number: G39387108

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:

Not applicable.

Item 4. Ownership.

Information with respect to the Reporting Persons' ownership as of December 31, 2021 is incorporated by reference to items (5) – (9) and (11) of the cover page for each Reporting Person.

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

Not applicable.

Item 6. Ownership of More than Five 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.

Not applicable.

Item 8	Identification and	Classification	of Member of	the Groun
item o.	TUCHUHCAUVH AHU	Ciassilication	OI MICHIDEL OF	i uie Group.

Not applicable.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

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				
February 11, 2022				
Date				
/s/ Andre Namphy				
Signature				
Andre Namphy / Authorized Signatory				
Name/Title				
MAMOURA DIVERSIFIED GLOBAL HOLDING PJSC				
February 11, 2022				
Date				
/s/ Andre Namphy				
Signature				
Andre Namphy / Authorized Signatory				
Name/Title				
MUBADALA TECHNOLOGY INVESTMENTS LLC				
February 11, 2022				
Date				
/s/ Andre Namphy				
Signature				
Andre Namphy / Authorized Signatory				
Name/Title				
MUBADALA TECHNOLOGY INVESTMENT COMPANY				
T. 1 44 0000				
February 11, 2022 Date				
/s/ Andre Namphy				
Signature				
Andre Namphy / Authorized Signatory				
Name/Title				
MTI INTERNATIONAL INVESTMENT COMPANY LLC				
February 11, 2022				
Date				
/s/ Andre Namphy				
Signature				
Andre Namphy / Authorized Signatory				
Andre Paliipity / Authorized Signatory				
Name/Title				

AGREEMENT OF JOINT FILING

Pursuant to Rule 13d-1(k)(1) of the Securities and Exchange Commission under the Securities Exchange Act of 1934, as amended, each of the undersigned agrees that the statement on Schedule 13G filed herewith shall be filed on behalf of each of the undersigned.

MUBADALA INVESTMENT COMPANY PJSC

February 11, 2022						
Date						
//A] N]						
/s/ Andre Namphy Signature						
oignature						
Andre Namphy / Authorized Signatory						
Name/Title						
MAMOURA DIVERSIFIED GLOBAL HOLDING PJSC						
February 11, 2022						
Date						
/s/ Andre Namphy						
Signature						
Andre Namphy / Authorized Signatory						
Name/Title						
MUBADALA TECHNOLOGY INVESTMENTS LLC						
February 11, 2022						
Date						
/s/ Andre Namphy						
Signature						
A 1 N 1 /A 1 1 161						
Andre Namphy / Authorized Signatory Name/Title						
Name/ Hue						
MUBADALA TECHNOLOGY INVESTMENT COMPANY						
February 11, 2022						
Date						
/s/ Andre Namphy						
Signature						
S						
Andre Namphy / Authorized Signatory						
Name/Title						
MTI INTERNATIONAL INVESTMENT COMPANY LLC						
MIT INTERNATIONAL INVESTMENT COMPANT LLC						
February 11, 2022						
Date						
/s/ Andre Namphy						
Signature						
- 0						
Andre Namphy / Authorized Signatory						
Name/Title						