

Form 604

**Corporations Act 2001
Section 671B**

Notice of change of interests of substantial holder

To Company Name/Scheme NANOSONICS LTD

ACN/ARSN/ABN 110 950 768 96

1. Details of substantial holder (1)

Name JPMorgan Chase & Co. and its affiliates

ACN/ARSN (if applicable) NA

There was a change in the interests of the substantial holder on 05/12/2022

The previous notice was given to the company on 06/12/2022

The previous notice was dated 02/12/2022

2. Previous and present voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
Ordinary	15,590,044	5.16%	19,100,834	6.32%

3. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation to change (7)	Class and number of securities	Person's votes affected
See Appendix	JPMORGAN CHASE BANK,N.A	Securities on Loan as Agent Lender	See Appendix	3,503,976 (Ordinary)	3,503,976 (Ordinary)
See Appendix	J.P. MORGAN SECURITIES LLC	Rehypothecation of client securities under a Prime Brokerage Agreement	See Appendix	379 (Ordinary)	379 (Ordinary)
See Appendix	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Purchase and sales of securities in its capacity as Principal/Proprietary	See Appendix	7,193 (Ordinary)	7,193 (Ordinary)

4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
JPMORGAN CHASE BANK,N.A	JPM Nominees Australia Pty Limited	Various Borrowers under the Securities Lending Agreement	Securities on Loan as Agent Lender	10,810,889 (Ordinary)	10,810,889 (Ordinary)
JPMORGAN ASSET MANAGEMENT (ASIA PACIFIC) LIMITED	HSBC International Trustee Limited - Hong Kong	Various Clients and Custodians	In its capacity as investment manager or in various other related capacities	51,160 (Ordinary)	51,160 (Ordinary)
J.P. MORGAN SECURITIES PLC	JPM Nominees Australia Pty Limited	JPM Nominees Australia Pty Limited	Holder of securities subject to an obligation to return under a securities lending agreement	3,555,248 (Ordinary)	3,555,248 (Ordinary)
J.P. MORGAN SECURITIES PLC	JPM Nominees Australia Pty Limited	J.P. MORGAN SECURITIES PLC	Purchase and sales of securities in its capacity as Principal/Proprietary	27,495 (Ordinary)	27,495 (Ordinary)
J.P. MORGAN SECURITIES LLC	Citi Australia	Various Clients and Custodians	Rehypothecation of client securities under a Prime Brokerage Agreement	3,071 (Ordinary)	3,071 (Ordinary)
J.P. MORGAN SECURITIES LLC	Citi Australia	Citi Australia	Holder of securities subject to an obligation to return under a securities lending agreement	925,000 (Ordinary)	925,000 (Ordinary)
J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Ecapital Nominees Pty Ltd	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Purchase and sales of securities in its capacity as Principal/Proprietary	695,498 (Ordinary)	695,498 (Ordinary)
J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Ecapital Nominees Pty Ltd	Ecapital Nominees Pty Ltd	Holder of securities subject to an obligation to return under a securities lending agreement	3,016,653 (Ordinary)	3,016,653 (Ordinary)
J.P. MORGAN INVESTMENT MANAGEMENT INC.	STATE STREET GLOBAL MARKETS LLC	Various Clients and Custodians	In its capacity as investment manager or in various other related capacities	15,820 (Ordinary)	15,820 (Ordinary)

5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN/ARSN (if applicable)	Nature of association
J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Subsidiary of JPMorgan Chase & Co.
JPMORGAN CHASE BANK, N.A.	Subsidiary of JPMorgan Chase & Co.
J.P. MORGAN SECURITIES LLC	Subsidiary of JPMorgan Chase & Co.

6. Addresses

The addresses of persons named in this form are as follows:

Name	Address
JPMorgan Chase & Co.	383 Madison Avenue, New York, New York, NY, 10179, United States
J.P. MORGAN SECURITIES LLC	383 Madison Ave., New York, New York, NY, 10179, United States
J.P. MORGAN SECURITIES PLC	25 Bank Street, Canary Wharf, London, E14 5JP, England
J.P. MORGAN SECURITIES AUSTRALIA LIMITED	LEVEL 18, 83-85 CASTLEREAGH STREET, SYDNEY, NSW 2000, Australia
JPMORGAN CHASE BANK, N.A.	1111 Polaris Parkway, Columbus, Delaware, OH, 43240, United States
JPMORGAN ASSET MANAGEMENT (ASIA PACIFIC) LIMITED	19 & 20/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong
J.P. MORGAN INVESTMENT MANAGEMENT INC.	383 Madison Avenue, New York, New York, NY, 10179, United States

Signature

print name Vasim Pathan

capacity Compliance Officer

sign here



date 07/12/2022

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 6 of the form.
 - (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
 - (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
 - (4) The voting shares of a company constitute one class unless divided into separate classes.
 - (5) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
 - (6) Include details of:
 - (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
 - (7) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
 - (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
 - (9) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.
-

TRADES FOR RELEVANT PERIOD						Appendix
Transaction Date	Entity	Product Type	Type of Transaction	Quantity	Price (AUD)	Consideration
Balance at start of relevant period				15,590,044		
5-Dec-22	J.P. MORGAN SECURITIES LLC	Equity	On-Lend Return	(379)	-	\$ -
5-Dec-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(224)	4.82	\$ 1,079.68
5-Dec-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,461	4.89	\$ 7,140.02
5-Dec-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,702)	4.86	\$ 8,271.72
5-Dec-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(9)	4.86	\$ 43.74
5-Dec-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,122)	4.89	\$ 5,486.58
5-Dec-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,345	4.89	\$ 6,577.05
5-Dec-22	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	7,444	4.87	\$ 36,274.78
5-Dec-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(20,931)	-	\$ -
5-Dec-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(94)	-	\$ -
5-Dec-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	13,443	-	\$ -
5-Dec-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	2,921,608	-	\$ -
5-Dec-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow	948,392	-	\$ -
5-Dec-22	JPMORGAN CHASE BANK, N.A.	Equity	Borrow Return	(358,442)	-	\$ -
Balance at end of relevant period				19,100,834		

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Overseas Securities Lending Agreement ("OSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Barclays Capital Securities Limited ("Borrower")
Transfer date	<u>Settlement date</u> 07-Mar-2022 29-Sep-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4(B)(vi) of the standard form OSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Global Master Securities Lending Agreement ("GMSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and BNP Paribas Arbitrage SNC (Borrower)
Transfer date	<u>Settlement Date</u> 06-Dec-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 6.6 of the standard form GMSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Global Master Securities Lending Agreement ("GMSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Citigroup Global Markets Limited (Borrower)
Transfer date	<u>Settlement Date</u> 24-Nov-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 6.6 of the standard form GMSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Overseas Securities Lending Agreement ("OSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Credit Suisse AG, Singapore Branch ("Borrower")
Transfer date	<u>Settlement date</u> 05-Dec-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4(B)(vi) of the standard form OSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Global Master Securities Lending Agreement ("GMSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Merrill Lynch International(Borrower)
Transfer date	<u>Settlement Date</u> 09-Oct-2019 21-Dec-2020 22-Dec-2020 19-Jan-2021 20-Jan-2021 11-Mar-2021 30-Mar-2021 31-Mar-2021 07-May-2021 16-Jun-2021 17-Jun-2021 13-Jan-2022 15-Feb-2022 29-Mar-2022 23-May-2022 21-Oct-2022 11-Nov-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 6.6 of the standard form GMSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes

If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Australian Master Securities Lending Agreement ("AMSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Morgan Stanley Australia Securities Limited (Borrower)
Transfer date	Settlement Date 07-Dec-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4.3 of the standard form AMSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Master Securities Lending Agreement ("MSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and SG AMERICAS SECURITIES, LLC ("Borrower")
Transfer date	<u>Settlement date</u> 08-Nov-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out as per the rights of the borrower as stated in the MSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Australian Master Securities Lending Agreement ("AMSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and UBS Securities Australia Ltd (Borrower)
Transfer date	<u>Settlement Date</u> 27-Sep-2021 08-Sep-2022 27-Sep-2022 28-Sep-2022 29-Sep-2022 12-Oct-2022 14-Oct-2022 11-Nov-2022 02-Dec-2022 05-Dec-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4.3 of the standard form AMSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending arrangement disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Global Master Securities Lending Agreement ("GMSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Morgan Stanley & Co. International PLC (Borrower)
Transfer date	<u>Settlement Date</u> 24-Feb-2022 17-Mar-2022 18-Mar-2022 28-Mar-2022 27-Jul-2022 05-Aug-2022 09-Aug-2022 12-Aug-2022 15-Aug-2022 17-Aug-2022 18-Aug-2022 19-Aug-2022 25-Aug-2022 26-Aug-2022 29-Aug-2022 21-Sep-2022 28-Sep-2022 29-Sep-2022 03-Oct-2022 04-Oct-2022 10-Oct-2022 11-Oct-2022 24-Oct-2022 02-Nov-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 6.6 of the standard form GMSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes

If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending transaction disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Institutional Account Agreement
Parties to agreement	JP Morgan Securities LLC for itself and as agent and trustee for the other J.P. Morgan Entities and Blackrock and State Street Bank and Trust Co (As Agent) (herein referred to as " JPMS "). " J.P. Morgan Entities" means, as the context may require or permit, any and all of JPMSL, JPMorgan Chase Bank, N.A., J.P. Morgan Securities LLC., J.P. Morgan Markets Limited, J.P. Morgan Securities Australia Limited, J.P. Morgan Securities (Asia Pacific) Limited, J.P. Morgan Securities Japan Co., Ltd and J.P. Morgan Prime Nominees Limited and any additional entity notified to the Company from time to time.
Transfer date	<u>Settlement Date:</u> 09-Nov-2022
Holder of voting rights	JPMS is the holder of the voting rights from the time at which it exercises its right to borrow. Notwithstanding this, please note that the Company has the right to recall equivalent securities if it wishes to exercise its voting rights in respect of the securities.
Are there any restriction on voting rights	Yes
If yes, detail	JPMS will not be able to exercise voting rights in circumstances where the Company has recalled equivalent securities from JPMS before the voting rights have been exercised. In these circumstances, JPMS must return the securities to the Company and the Company holds the voting rights.
Scheduled return date (if any)	N/A. There is no term to the loan of securities.
Does the borrower have the right to return early?	Yes.
If yes, detail	JPMS has the right to return all and any securities or equivalent securities early at any time.
Does the lender have the right to recall early?	Yes.
If yes, detail	The Company has the right to recall all or any equivalent securities on demand.
Will the securities be returned on settlement?	Yes. Settlement of the loan will occur when JPMS returns equivalent securities to the Company. There is no term to the loan of securities.
If yes, detail any exceptions	
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending transaction disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Global Master Securities Lending Agreement ("GMSLA")
Parties to agreement	ABU DHABI INVESTMENT AUTHORITY (HSBC GULF FUND (TP EQ) 2021) ('lender'), J.P. Morgan Securities PLC ('borrower')
Transfer date	<u>Settlement date</u> 10-Feb-2022 07-Jul-2022
Holder of voting rights	Party holding collateral that has the voting rights.
Are there any restriction on voting rights	No, unless separately agreed to the contrary.
If yes, detail	NA
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	This right is subject to the requirement that the borrower deliver alternative collateral acceptable to the lender and also to the mark to market requirements of ss 5.4 and 5.5 of this agreement.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities on any business day by giving such notice as agreed by the parties. The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Equivalent Securities must be returned.
If yes, detail any exceptions	Absent default, there are no exceptions.
Statement	No

Appendix: Prescribed information pursuant to securities lending transaction disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Exclusive Securities Lending Agreement dated November 17, 2020 to the Global Master Securities Lending Agreement
Parties to agreement	SFT ("lending agent") - CALIFORNIA STATE TEACHERS' RETIREMENT SYSTEM ("lender") and J.P. Morgan Securities Plc ("borrower")
Transfer date	<u>Settlement date</u> 15-Aug-2022 23-Sep-2022 28-Sep-2022 30-Sep-2022 10-Nov-2022 18-Nov-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower shall have no obligation to arrange for voting rights to be exercised in accordance with the instructions of the other party, unless otherwise agreed between the parties.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has the right to terminate a loan and redeliver all and any equivalent securities due and outstanding to the lender in accordance with lender's instructions and lender shall accept such redelivery.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered. The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending transaction disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Overseas Securities Lender's Agreement ("OSLA")
Parties to agreement	J.P. Morgan Securities Plc ("borrower") and Citibank N.A. acting as Agent ("lender")
Transfer date	Settlement Date: 23-Sep-2022 28-Sep-2022 04-Oct-2022 06-Oct-2022 07-Oct-2022 11-Nov-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavours to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavours to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4(B)(vi) of the standard form OSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered. The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending transaction disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Global Master Securities Lending Agreement ("GMSLA")
Parties to agreement	J.P. Morgan Securities plc ("borrower") and State St Bank and Trust Company as agent ("lender")
Transfer date	<u>Settlement Date:</u> 10-Feb-2022 11-Feb-2022 08-Sep-2022 12-Sep-2022 06-Oct-2022 07-Oct-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower shall have no obligation to arrange for voting rights to be exercised in accordance with the instructions of the other party, unless otherwise agreed between the parties.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has the right to terminate a loan and redeliver all and any equivalent securities due and outstanding to the lender in accordance with lender's instructions and lender shall accept such redelivery.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered. The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending transaction disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Overseas Securities Lender's Agreement ("OSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") J.P. Morgan Securities plc ("borrower")
Transfer date	Settlement date 10-Feb-2022 11-Feb-2022 03-Mar-2022 25-Apr-2022 07-Oct-2022 31-Oct-2022 11-Nov-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4(B)(vi) of the standard form OSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending transaction disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Global Master Securities Lending Agreement ("GMSLA")
Parties to agreement	RBC Investor Services Trust ("lender") and J.P. Morgan Securities Plc ("borrower")
Transfer date	<u>Settlement Date:</u> 28-Sep-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower shall have no obligation to arrange for voting rights to be exercised in accordance with the instructions of the other party, unless otherwise agreed between the parties.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has the right to terminate a loan and redeliver all and any equivalent securities due and outstanding to the lender in accordance with lender's instructions and lender shall accept such redelivery on a business day if notice of redelivery has been given within the standard market settlement period.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time provided notification is given by the lender within standard market settlement period for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered. The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exception
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending transaction disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Australian Master Securities Lending Agreement ("AMSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender"), J.P. Morgan Securities Australia Limited ('borrower')
Transfer date	<u>Settlement Date</u> 29-Sep-2022 05-Oct-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavours to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavours to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4.3 of the standard form AMSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any securities or equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities on any business day by giving such notice as agreed by the parties. The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exception
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Appendix: Prescribed information pursuant to securities lending transaction disclosed under the substantial shareholding notice filed with ASX.

Date:	07-Dec-2022
Company's name:	NANOSONICS LTD
ISIN:	AU000000NAN9
Date of change of relevant interests:	05-Dec-2022
Schedule	
Type of agreement	Global Master Securities Lending Agreement ("GMSLA")
Parties to agreement	State Street Bank and Trust Company ("lender") and J.P. Morgan Securities Australia Limited ("borrower")
Transfer date	<u>Settlement Date:</u> 06-Sep-2022 08-Sep-2022 09-Nov-2022 11-Nov-2022
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower shall have no obligation to arrange for voting rights to be exercised in accordance with the instructions of the other party, unless otherwise agreed between the parties.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has the right to terminate a loan and redeliver all and any equivalent securities due and outstanding to the lender in accordance with lender's instructions and lender shall accept such redelivery.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities on any business day by giving such notice as agreed by the parties. The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.