

FINAL TERMS DATED AS OF 1 DECEMBER 2022

BNP Paribas Issuance B.V.
(incorporated in The Netherlands)
(as Issuer)

Legal entity identifier (LEI): 7245009UXRIGIRYOBR48

BNP Paribas
(incorporated in France)
(as Guarantor)

Legal entity identifier (LEI): R0MUWSFPU8MPRO8K5P83

(Note, Warrant and Certificate Programme)

"European Style" Warrants relating to a Share

SSPA product type: Warrant Vanilla (2100)

BNP Paribas Arbitrage S.N.C.
(as Manager)

PART A - CONTRACTUAL TERMS

Terms used herein shall be deemed to be defined as such for the purposes of the Conditions set forth in the Base Prospectus dated 23 September 2022, each Supplement to the Base Prospectus published and approved on or before the date of these Final Terms (copies of which are available as described below) and any other Supplement to the Base Prospectus which may have been published and approved before the issue of any additional amount of Securities (the "**Supplements**") (provided that to the extent any such Supplement (i) is published and approved after the date of these Final Terms and (ii) provide for any change to the Conditions of the Securities such changes shall have no effect with respect to the Conditions of the Securities to which these Final Terms relate) (the Base Prospectus and the Supplements, together the "**Base Prospectus**").

The Base Prospectus has been approved by SIX Exchange Regulation AG ("**SIX Exchange Regulation**") in its capacity as Swiss Prospectus Office (the "**Swiss Prospectus Office**") as of 23 September 2022 and constitutes a base prospectus pursuant to article 45 of the Swiss Financial Services Act ("**FinSA**").

This document constitutes the Final Terms of the Securities described herein and must be read in conjunction with such Base Prospectus.

For the purpose of public offering in Switzerland and/or the admission to trading on SIX Swiss Exchange, these Final Terms will be or have been registered with the Swiss Prospectus Office and are or will be published pursuant to FinSA prior to the public offering of the Securities in Switzerland or the admission to trading of the Securities on SIX Swiss Exchange and the Base Prospectus and these Final Terms together will constitute the prospectus pursuant to FinSA.

Full information on BNP Paribas Issuance B.V. (the "**Issuer**") and the offer of the Securities is only available on the basis of the combination of these Final Terms and the Base Prospectus. The Base Prospectus, any Supplement(s) to the Base Prospectus and these Final Terms are available free of charge during normal business hours from Principal Security Agent. Written or oral requests for such documents should be directed to the Principal Security Agent at its principal office set out at the end of the Base Prospectus or may be obtained by telephone (+41 58 212 6394) or fax (+41 58 212 6360). In addition, copies of any documents incorporated by reference will be made available, along with this Base Prospectus, for viewing on the website of BNPP at the following address www.bnpparibasmarkets.ch or any other website specified in the applicable Final Terms.

References herein to numbered Conditions are to the terms and conditions of the relevant series of Securities and words and expressions defined in such terms and conditions shall bear the same meaning in these Final Terms in so far as they relate to such series of Securities, save as where otherwise expressly provided.

These Final Terms relate to the series of Securities as set out in "Specific Provisions for each Series" below. References herein to "**Securities**" shall be deemed to be references to the relevant Securities that are the subject of these Final Terms and references to "**Security**" shall be construed accordingly.

The Securities issued pursuant to these Final Terms may be considered structured products in Switzerland pursuant to article 70 FinSA and do not constitute collective investment schemes in the meaning of the Swiss Federal Act on Collective Investment Schemes ("**CISA**"). Accordingly, holders of the Securities do not benefit from protection under the CISA or supervision by the Swiss Financial Market Supervisory Authority ("**FINMA**"). Further, investors are exposed to the Issuer's and the Guarantor's insolvency risk.

The Securities may be offered, sold or advertised, directly or indirectly, in Switzerland to retail clients (*Privatkundinnen und -kunden*) within the meaning of FinSA ("**Retail Clients**") in accordance with FinSA.

SPECIFIC PROVISIONS FOR EACH SERIES

Series Number / ISIN Code	No. of Securities issued	No. of Securities	No. of Warrants per Unit	Issue Price per Security	Call / Put	Exercise Price	Exercise Date / Valuation Date	Settlement Date	Parity
CH1232651419	10,000,000	10,000,000	1	CHF 0.10	Call	CHF 31	17 March 2023	24 March 2023	10
CH1232651427	10,000,000	10,000,000	1	CHF 0.13	Call	CHF 30	17 March 2023	24 March 2023	10
CH1232651435	10,000,000	10,000,000	1	CHF 0.18	Call	CHF 29	17 March 2023	24 March 2023	10
CH1232651443	10,000,000	10,000,000	1	CHF 0.24	Call	CHF 28	17 March 2023	24 March 2023	10
CH1232651450	10,000,000	10,000,000	1	CHF 0.10	Call	CHF 32	16 June 2023	23 June 2023	10
CH1232651468	10,000,000	10,000,000	1	CHF 0.11	Call	CHF 31	16 June 2023	23 June 2023	10
CH1232651476	10,000,000	10,000,000	1	CHF 0.15	Call	CHF 30	16 June 2023	23 June 2023	10
CH1232651484	10,000,000	10,000,000	1	CHF 0.20	Call	CHF 29	16 June 2023	23 June 2023	10
CH1232651492	10,000,000	10,000,000	1	CHF 0.25	Call	CHF 28	16 June 2023	23 June 2023	10
CH1232651500	10,000,000	10,000,000	1	CHF 0.13	Call	CHF 32	15 September 2023	22 September 2023	10
CH1232651518	10,000,000	10,000,000	1	CHF 0.20	Call	CHF 30	15 September 2023	22 September 2023	10
CH1232651526	10,000,000	10,000,000	1	CHF 0.24	Call	CHF 29	15 September 2023	22 September 2023	10
CH1232651534	10,000,000	10,000,000	1	CHF 0.30	Call	CHF 28	15 September 2023	22 September 2023	10
CH1232651542	10,000,000	10,000,000	1	CHF 0.24	Call	CHF 30	15 December 2023	22 December 2023	10
CH1232651559	10,000,000	10,000,000	1	CHF 0.29	Call	CHF 29	15 December 2023	22 December 2023	10
CH1232651567	10,000,000	10,000,000	1	CHF 0.11	Put	CHF 28	17 March 2023	24 March 2023	10
CH1232651575	10,000,000	10,000,000	1	CHF 0.14	Put	CHF 29	17 March 2023	24 March 2023	10
CH1232651583	10,000,000	10,000,000	1	CHF 0.19	Put	CHF 30	17 March 2023	24 March 2023	10
CH1232651591	10,000,000	10,000,000	1	CHF 0.23	Put	CHF 29	16 June 2023	23 June 2023	10
CH1232651609	10,000,000	10,000,000	1	CHF 0.28	Put	CHF 30	16 June 2023	23 June 2023	10
CH1232651617	10,000,000	10,000,000	1	CHF 0.15	Put	CHF 26	15 September 2023	22 September 2023	10
CH1232651625	10,000,000	10,000,000	1	CHF 0.22	Put	CHF 28	15 September 2023	22 September 2023	10
CH1232651633	10,000,000	10,000,000	1	CHF 0.27	Put	CHF 29	15 September 2023	22 September 2023	10
CH1232651641	10,000,000	10,000,000	1	CHF 0.32	Put	CHF 30	15 September 2023	22 September 2023	10
CH1232651658	10,000,000	10,000,000	1	CHF 0.30	Put	CHF 29	15 December 2023	22 December 2023	10
CH1232651666	10,000,000	10,000,000	1	CHF 0.35	Put	CHF 30	15 December 2023	22 December 2023	10
CH1232651674	10,000,000	10,000,000	1	CHF 0.90	Call	USD 105	17 March 2023	24 March 2023	5
CH1232651682	10,000,000	10,000,000	1	CHF 1.23	Call	USD 100	17 March 2023	24 March 2023	5
CH1232651690	10,000,000	10,000,000	1	CHF 1.65	Call	USD 95	17 March 2023	24 March 2023	5

Series Number / ISIN Code	No. of Securities issued	No. of Securities	No. of Warrants per Unit	Issue Price per Security	Call / Put	Exercise Price	Exercise Date / Valuation Date	Settlement Date	Parity
CH1232651708	10,000,000	10,000,000	1	CHF 2.16	Call	USD 90	17 March 2023	24 March 2023	5
CH1232651716	10,000,000	10,000,000	1	CHF 2.76	Call	USD 85	17 March 2023	24 March 2023	5
CH1232651724	10,000,000	10,000,000	1	CHF 1.20	Call	USD 110	16 June 2023	23 June 2023	5
CH1232651732	10,000,000	10,000,000	1	CHF 1.50	Call	USD 105	16 June 2023	23 June 2023	5
CH1232651740	10,000,000	10,000,000	1	CHF 1.87	Call	USD 100	16 June 2023	23 June 2023	5
CH1232651757	10,000,000	10,000,000	1	CHF 2.31	Call	USD 95	16 June 2023	23 June 2023	5
CH1232651765	10,000,000	10,000,000	1	CHF 2.82	Call	USD 90	16 June 2023	23 June 2023	5
CH1232651773	10,000,000	10,000,000	1	CHF 3.39	Call	USD 85	16 June 2023	23 June 2023	5
CH1232651781	10,000,000	10,000,000	1	CHF 1.37	Call	USD 115	15 September 2023	22 September 2023	5
CH1232651799	10,000,000	10,000,000	1	CHF 1.65	Call	USD 110	15 September 2023	22 September 2023	5
CH1232651807	10,000,000	10,000,000	1	CHF 1.98	Call	USD 105	15 September 2023	22 September 2023	5
CH1232651815	10,000,000	10,000,000	1	CHF 2.36	Call	USD 100	15 September 2023	22 September 2023	5
CH1232651823	10,000,000	10,000,000	1	CHF 2.81	Call	USD 95	15 September 2023	22 September 2023	5
CH1232651831	10,000,000	10,000,000	1	CHF 3.31	Call	USD 90	15 September 2023	22 September 2023	5
CH1232651849	10,000,000	10,000,000	1	CHF 3.86	Call	USD 85	15 September 2023	22 September 2023	5
CH1232651856	10,000,000	10,000,000	1	CHF 1.74	Call	USD 115	15 December 2023	22 December 2023	5
CH1232651864	10,000,000	10,000,000	1	CHF 2.04	Call	USD 110	15 December 2023	22 December 2023	5
CH1232651872	10,000,000	10,000,000	1	CHF 2.38	Call	USD 105	15 December 2023	22 December 2023	5
CH1232651880	10,000,000	10,000,000	1	CHF 2.77	Call	USD 100	15 December 2023	22 December 2023	5
CH1232651898	10,000,000	10,000,000	1	CHF 3.21	Call	USD 95	15 December 2023	22 December 2023	5
CH1232651906	10,000,000	10,000,000	1	CHF 1.03	Put	USD 85	17 March 2023	24 March 2023	5
CH1232651914	10,000,000	10,000,000	1	CHF 1.37	Put	USD 90	17 March 2023	24 March 2023	5
CH1232651922	10,000,000	10,000,000	1	CHF 1.80	Put	USD 95	17 March 2023	24 March 2023	5
CH1232651930	10,000,000	10,000,000	1	CHF 2.32	Put	USD 100	17 March 2023	24 March 2023	5
CH1232651948	10,000,000	10,000,000	1	CHF 1.45	Put	USD 85	16 June 2023	23 June 2023	5
CH1232651955	10,000,000	10,000,000	1	CHF 1.80	Put	USD 90	16 June 2023	23 June 2023	5
CH1232651963	10,000,000	10,000,000	1	CHF 2.22	Put	USD 95	16 June 2023	23 June 2023	5
CH1232651971	10,000,000	10,000,000	1	CHF 2.71	Put	USD 100	16 June 2023	23 June 2023	5
CH1232651989	10,000,000	10,000,000	1	CHF 3.26	Put	USD 105	16 June 2023	23 June 2023	5
CH1232651997	10,000,000	10,000,000	1	CHF 1.70	Put	USD 85	15 September 2023	22 September 2023	5
CH1232652003	10,000,000	10,000,000	1	CHF 2.06	Put	USD 90	15 September 2023	22 September 2023	5

Series Number / ISIN Code	No. of Securities issued	No. of Securities	No. of Warrants per Unit	Issue Price per Security	Call / Put	Exercise Price	Exercise Date / Valuation Date	Settlement Date	Parity
CH1232652011	10,000,000	10,000,000	1	CHF 2.47	Put	USD 95	15 September 2023	22 September 2023	5
CH1232652029	10,000,000	10,000,000	1	CHF 2.95	Put	USD 100	15 September 2023	22 September 2023	5
CH1232652037	10,000,000	10,000,000	1	CHF 3.47	Put	USD 105	15 September 2023	22 September 2023	5
CH1232652045	10,000,000	10,000,000	1	CHF 1.90	Put	USD 85	15 December 2023	22 December 2023	5
CH1232652052	10,000,000	10,000,000	1	CHF 2.26	Put	USD 90	15 December 2023	22 December 2023	5
CH1232652060	10,000,000	10,000,000	1	CHF 2.67	Put	USD 95	15 December 2023	22 December 2023	5
CH1232652078	10,000,000	10,000,000	1	CHF 3.13	Put	USD 100	15 December 2023	22 December 2023	5
CH1232652086	10,000,000	10,000,000	1	CHF 3.64	Put	USD 105	15 December 2023	22 December 2023	5
CH1232652094	10,000,000	10,000,000	1	CHF 0.55	Call	USD 155	17 March 2023	24 March 2023	10
CH1232652102	10,000,000	10,000,000	1	CHF 0.96	Call	USD 145	17 March 2023	24 March 2023	10
CH1232652110	10,000,000	10,000,000	1	CHF 1.52	Call	USD 135	17 March 2023	24 March 2023	10
CH1232652128	10,000,000	10,000,000	1	CHF 0.98	Call	USD 155	16 June 2023	23 June 2023	10
CH1232652136	10,000,000	10,000,000	1	CHF 1.18	Call	USD 150	16 June 2023	23 June 2023	10
CH1232652144	10,000,000	10,000,000	1	CHF 1.41	Call	USD 145	16 June 2023	23 June 2023	10
CH1232652151	10,000,000	10,000,000	1	CHF 1.67	Call	USD 140	16 June 2023	23 June 2023	10
CH1232652169	10,000,000	10,000,000	1	CHF 1.95	Call	USD 135	16 June 2023	23 June 2023	10
CH1232652177	10,000,000	10,000,000	1	CHF 1.51	Call	USD 150	15 September 2023	22 September 2023	10
CH1232652185	10,000,000	10,000,000	1	CHF 1.74	Call	USD 145	15 September 2023	22 September 2023	10
CH1232652193	10,000,000	10,000,000	1	CHF 2	Call	USD 140	15 September 2023	22 September 2023	10
CH1232652201	10,000,000	10,000,000	1	CHF 2.27	Call	USD 135	15 September 2023	22 September 2023	10
CH1232652219	10,000,000	10,000,000	1	CHF 1.39	Call	USD 160	15 December 2023	22 December 2023	10
CH1232652227	10,000,000	10,000,000	1	CHF 1.80	Call	USD 150	15 December 2023	22 December 2023	10
CH1232652235	10,000,000	10,000,000	1	CHF 2.03	Call	USD 145	15 December 2023	22 December 2023	10
CH1232652243	10,000,000	10,000,000	1	CHF 2.28	Call	USD 140	15 December 2023	22 December 2023	10
CH1232652250	10,000,000	10,000,000	1	CHF 0.55	Put	USD 130	17 March 2023	24 March 2023	10
CH1232652268	10,000,000	10,000,000	1	CHF 0.70	Put	USD 135	17 March 2023	24 March 2023	10
CH1232652276	10,000,000	10,000,000	1	CHF 0.87	Put	USD 140	17 March 2023	24 March 2023	10
CH1232652284	10,000,000	10,000,000	1	CHF 1.08	Put	USD 145	17 March 2023	24 March 2023	10
CH1232652292	10,000,000	10,000,000	1	CHF 0.83	Put	USD 130	16 June 2023	23 June 2023	10
CH1232652300	10,000,000	10,000,000	1	CHF 0.99	Put	USD 135	16 June 2023	23 June 2023	10
CH1232652318	10,000,000	10,000,000	1	CHF 1.17	Put	USD 140	16 June 2023	23 June 2023	10

Series Number / ISIN Code	No. of Securities issued	No. of Securities	No. of Warrants per Unit	Issue Price per Security	Call / Put	Exercise Price	Exercise Date / Valuation Date	Settlement Date	Parity
CH1232652326	10,000,000	10,000,000	1	CHF 1.37	Put	USD 145	16 June 2023	23 June 2023	10
CH1232652334	10,000,000	10,000,000	1	CHF 1.60	Put	USD 150	16 June 2023	23 June 2023	10
CH1232652342	10,000,000	10,000,000	1	CHF 1	Put	USD 130	15 September 2023	22 September 2023	10
CH1232652359	10,000,000	10,000,000	1	CHF 1.16	Put	USD 135	15 September 2023	22 September 2023	10
CH1232652367	10,000,000	10,000,000	1	CHF 1.34	Put	USD 140	15 September 2023	22 September 2023	10
CH1232652375	10,000,000	10,000,000	1	CHF 1.55	Put	USD 145	15 September 2023	22 September 2023	10
CH1232652383	10,000,000	10,000,000	1	CHF 1.77	Put	USD 150	15 September 2023	22 September 2023	10
CH1232652391	10,000,000	10,000,000	1	CHF 1.14	Put	USD 130	15 December 2023	22 December 2023	10
CH1232652409	10,000,000	10,000,000	1	CHF 1.31	Put	USD 135	15 December 2023	22 December 2023	10
CH1232652417	10,000,000	10,000,000	1	CHF 1.49	Put	USD 140	15 December 2023	22 December 2023	10
CH1232652425	10,000,000	10,000,000	1	CHF 1.69	Put	USD 145	15 December 2023	22 December 2023	10
CH1232652433	10,000,000	10,000,000	1	CHF 1.91	Put	USD 150	15 December 2023	22 December 2023	10
CH1232652441	10,000,000	10,000,000	1	CHF 0.19	Call	CHF 3.40	17 March 2023	24 March 2023	1
CH1232652458	10,000,000	10,000,000	1	CHF 0.26	Call	CHF 3.20	17 March 2023	24 March 2023	1
CH1232652466	10,000,000	10,000,000	1	CHF 0.34	Call	CHF 3	17 March 2023	24 March 2023	1
CH1232652474	10,000,000	10,000,000	1	CHF 0.45	Call	CHF 2.80	17 March 2023	24 March 2023	1
CH1232652482	10,000,000	10,000,000	1	CHF 0.28	Call	CHF 3.40	16 June 2023	23 June 2023	1
CH1232652490	10,000,000	10,000,000	1	CHF 0.35	Call	CHF 3.20	16 June 2023	23 June 2023	1
CH1232652508	10,000,000	10,000,000	1	CHF 0.43	Call	CHF 3	16 June 2023	23 June 2023	1
CH1232652516	10,000,000	10,000,000	1	CHF 0.53	Call	CHF 2.80	16 June 2023	23 June 2023	1
CH1232652524	10,000,000	10,000,000	1	CHF 0.26	Call	CHF 3.80	15 September 2023	22 September 2023	1
CH1232652532	10,000,000	10,000,000	1	CHF 0.31	Call	CHF 3.60	15 September 2023	22 September 2023	1
CH1232652540	10,000,000	10,000,000	1	CHF 0.37	Call	CHF 3.40	15 September 2023	22 September 2023	1
CH1232652557	10,000,000	10,000,000	1	CHF 0.44	Call	CHF 3.20	15 September 2023	22 September 2023	1
CH1232652565	10,000,000	10,000,000	1	CHF 0.52	Call	CHF 3	15 September 2023	22 September 2023	1
CH1232652573	10,000,000	10,000,000	1	CHF 0.62	Call	CHF 2.80	15 September 2023	22 September 2023	1
CH1232652581	10,000,000	10,000,000	1	CHF 0.38	Call	CHF 3.60	15 December 2023	22 December 2023	1
CH1232652599	10,000,000	10,000,000	1	CHF 0.45	Call	CHF 3.40	15 December 2023	22 December 2023	1
CH1232652607	10,000,000	10,000,000	1	CHF 0.52	Call	CHF 3.20	15 December 2023	22 December 2023	1
CH1232652615	10,000,000	10,000,000	1	CHF 0.60	Call	CHF 3	15 December 2023	22 December 2023	1
CH1232652623	10,000,000	10,000,000	1	CHF 0.69	Call	CHF 2.80	15 December 2023	22 December 2023	1

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CH1232652631	10,000,000	10,000,000	1	CHF 0.23	Put	CHF 2.50	17 March 2023	24 March 2023	1
CH1232652649	10,000,000	10,000,000	1	CHF 0.33	Put	CHF 2.80	17 March 2023	24 March 2023	1
CH1232652656	10,000,000	10,000,000	1	CHF 0.43	Put	CHF 3	17 March 2023	24 March 2023	1
CH1232652664	10,000,000	10,000,000	1	CHF 0.54	Put	CHF 3.20	17 March 2023	24 March 2023	1
CH1232652672	10,000,000	10,000,000	1	CHF 0.33	Put	CHF 2.50	16 June 2023	23 June 2023	1
CH1232652680	10,000,000	10,000,000	1	CHF 0.45	Put	CHF 2.80	16 June 2023	23 June 2023	1
CH1232652698	10,000,000	10,000,000	1	CHF 0.55	Put	CHF 3	16 June 2023	23 June 2023	1
CH1232652706	10,000,000	10,000,000	1	CHF 0.67	Put	CHF 3.20	16 June 2023	23 June 2023	1
CH1232652714	10,000,000	10,000,000	1	CHF 0.80	Put	CHF 3.40	16 June 2023	23 June 2023	1
CH1232652722	10,000,000	10,000,000	1	CHF 0.40	Put	CHF 2.50	15 September 2023	22 September 2023	1
CH1232652730	10,000,000	10,000,000	1	CHF 0.53	Put	CHF 2.80	15 September 2023	22 September 2023	1
CH1232652748	10,000,000	10,000,000	1	CHF 0.63	Put	CHF 3	15 September 2023	22 September 2023	1
CH1232652755	10,000,000	10,000,000	1	CHF 0.75	Put	CHF 3.20	15 September 2023	22 September 2023	1
CH1232652763	10,000,000	10,000,000	1	CHF 0.88	Put	CHF 3.40	15 September 2023	22 September 2023	1
CH1232652771	10,000,000	10,000,000	1	CHF 0.46	Put	CHF 2.50	15 December 2023	22 December 2023	1
CH1232652789	10,000,000	10,000,000	1	CHF 0.60	Put	CHF 2.80	15 December 2023	22 December 2023	1
CH1232652797	10,000,000	10,000,000	1	CHF 0.70	Put	CHF 3	15 December 2023	22 December 2023	1
CH1232652805	10,000,000	10,000,000	1	CHF 0.82	Put	CHF 3.20	15 December 2023	22 December 2023	1
CH1232652813	10,000,000	10,000,000	1	CHF 0.94	Put	CHF 3.40	15 December 2023	22 December 2023	1
CH1232652821	10,000,000	10,000,000	1	CHF 0.44	Call	CHF 56	17 March 2023	24 March 2023	10
CH1232652839	10,000,000	10,000,000	1	CHF 0.59	Call	CHF 56	16 June 2023	23 June 2023	10

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency	ISIN of Share	Reuters Code of Share / Reuters Screen Page	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settlement Currency
CH1232651419	123265141	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651427	123265142	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency	ISIN of Share	Reuters Code of Share / Reuters Screen Page	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settlement Currency
CH1232651435	123265143	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651443	123265144	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651450	123265145	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651468	123265146	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651476	123265147	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651484	123265148	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651492	123265149	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651500	123265150	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651518	123265151	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651526	123265152	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651534	123265153	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651542	123265154	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651559	123265155	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651567	123265156	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651575	123265157	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651583	123265158	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651591	123265159	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651609	123265160	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency	ISIN of Share	Reuters Code of Share / Reuters Screen Page	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settlement Currency
CH1232651617	123265161	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651625	123265162	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651633	123265163	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651641	123265164	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651658	123265165	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651666	123265166	Registered	ABB Ltd	CHF	CH0012221716	ABBN.S	www.abb.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232651674	123265167	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651682	123265168	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651690	123265169	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651708	123265170	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651716	123265171	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651724	123265172	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651732	123265173	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651740	123265174	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651757	123265175	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651765	123265176	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651773	123265177	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651781	123265178	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency	ISIN of Share	Reuters Code of Share / Reuters Screen Page	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settlement Currency
CH1232651799	123265179	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651807	123265180	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651815	123265181	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651823	123265182	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651831	123265183	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651849	123265184	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651856	123265185	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651864	123265186	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651872	123265187	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651880	123265188	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651898	123265189	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651906	123265190	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651914	123265191	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651922	123265192	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651930	123265193	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651948	123265194	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651955	123265195	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651963	123265196	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency	ISIN of Share	Reuters Code of Share / Reuters Screen Page	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settlement Currency
CH1232651971	123265197	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651989	123265198	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232651997	123265199	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652003	123265200	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652011	123265201	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652029	123265202	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652037	123265203	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652045	123265204	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652052	123265205	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652060	123265206	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652078	123265207	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652086	123265208	Ordinary	Amazon.com Inc	USD	US0231351067	AMZN.OQ	www.amazon.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652094	123265209	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652102	123265210	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652110	123265211	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652128	123265212	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652136	123265213	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652144	123265214	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency	ISIN of Share	Reuters Code of Share / Reuters Screen Page	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settlement Currency
CH1232652151	123265215	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652169	123265216	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652177	123265217	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652185	123265218	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652193	123265219	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652201	123265220	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652219	123265221	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652227	123265222	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652235	123265223	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652243	123265224	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652250	123265225	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652268	123265226	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652276	123265227	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652284	123265228	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652292	123265229	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652300	123265230	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652318	123265231	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652326	123265232	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency	ISIN of Share	Reuters Code of Share / Reuters Screen Page	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settlement Currency
CH1232652334	123265233	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652342	123265234	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652359	123265235	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652367	123265236	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652375	123265237	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652383	123265238	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652391	123265239	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652409	123265240	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652417	123265241	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652425	123265242	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652433	123265243	Ordinary	Apple Inc	USD	US0378331005	AAPL.OQ	www.apple.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232652441	123265244	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652458	123265245	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652466	123265246	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652474	123265247	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652482	123265248	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652490	123265249	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652508	123265250	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency	ISIN of Share	Reuters Code of Share / Reuters Screen Page	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settlement Currency
CH1232652516	123265251	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652524	123265252	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652532	123265253	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652540	123265254	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652557	123265255	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652565	123265256	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652573	123265257	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652581	123265258	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652599	123265259	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652607	123265260	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652615	123265261	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652623	123265262	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652631	123265263	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652649	123265264	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652656	123265265	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652664	123265266	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652672	123265267	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652680	123265268	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency	ISIN of Share	Reuters Code of Share / Reuters Screen Page	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settlement Currency
CH1232652698	123265269	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652706	123265270	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652714	123265271	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652722	123265272	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652730	123265273	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652748	123265274	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652755	123265275	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652763	123265276	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652771	123265277	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652789	123265278	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652797	123265279	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652805	123265280	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652813	123265281	Registered	Credit Suisse Group AG	CHF	CH0012138530	CSGN.S	www.credit-suisse.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652821	123265282	Registered	Logitech International SA	CHF	CH0025751329	LOGN.S	www.logitech.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232652839	123265283	Registered	Logitech International SA	CHF	CH0025751329	LOGN.S	www.logitech.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF

GENERAL PROVISIONS

The following terms apply to each series of Securities:

1. **Issuer:** BNP Paribas Issuance B.V.
2. **Guarantor:** BNP Paribas
3. **Trade Date:** 30 November 2022.
4. **Issue Date:** 1 December 2022.
5. **Consolidation:** Not applicable.
6. **Type of Securities:**
 - (a) Warrants.
 - (b) The Securities are Share Securities.

The Securities are "European Style" Warrants.

Automatic Exercise applies.

The provisions of Annex 2 (*Additional Terms and Conditions for Share Securities*) shall apply.
7. **Form of Securities:** Uncertificated Securities.
8. **Business Day Centre(s):** The applicable Business Day Centre for the purposes of the definition of "Business Day" in Condition 1 is as set out in Specific Provisions for each Series above.
9. **Settlement:** Settlement will be by way of cash payment (Cash Settled Securities).
10. **Variation of Settlement:**
 - (a) **Issuer's option to vary settlement:** The Issuer does not have the option to vary settlement in respect of the Securities.
11. **Relevant Asset(s):** Not applicable.
12. **Entitlement:** Not applicable.
13. **Exchange Rate:** The Exchange Rate equal one if the relevant Share Currency is the same as the Settlement Currency or otherwise the applicable rate of exchange for conversion of any amount into the relevant Settlement Currency for the purposes of determining the Settlement Price (as defined in the relevant Annex to the Terms and Conditions) or the Cash Settlement Amount (as defined in Condition 1).
14. **Settlement Currency:** The settlement currency for the payment of the Cash Settlement Amount is as set out in "Specific Provisions for each Series" above.
15. **Syndication:** The Securities will be distributed on a non-syndicated basis.
16. **Minimum Trading Size:** Not applicable.
17. **Security Agent:** BNP PARIBAS SA, Paris, Zurich Branch.
18. **Calculation Agent:** BNP Paribas Arbitrage S.N.C.
1 rue Laffitte 75009 Paris, France.
19. **Governing law:** French law.
20. **Special conditions or other modifications to the Terms and Conditions:** Not applicable
21. **Masse provisions (Condition 9.4):** Not applicable.

PRODUCT SPECIFIC PROVISIONS (ALL SECURITIES)

22. **Index Securities:** Not applicable.
23. **Share Securities/ETI Share** Applicable.

Securities:	Share Securities: Applicable.
(a) Share(s)/Share Company/Basket Company/GDR/ADR/ETI Interest/Basket of ETI Interests:	In respect of a Series, the share specified in the Type of Share and issued by the Share Company in each case in respect of such Series in "Specific Provisions for each Series" above (each a " Share ").
(b) Relative Performance Basket:	Not applicable.
(c) Share/ETI Interest Currency:	See the "Specific Provisions for each Series" above.
(d) Exchange(s):	See the "Specific Provisions for each Series" above.
(e) Related Exchange(s):	All Exchanges.
(f) Exchange Business Day:	Single Share Basis.
(g) Scheduled Trading Day:	Single Share Basis.
(h) Weighting:	Not applicable.
(i) Settlement Price:	Official closing price.
(j) Disrupted Day:	As per Conditions.
(k) Specified Maximum Days of Disruption:	Twenty (20) Scheduled Trading Days.
(l) Valuation Time:	The Scheduled Closing Time as defined in Condition 1.
(m) Share/ETI Interest Correction Period:	As per Conditions.
(n) Dividend Payment:	Not applicable.
(o) Listing Change:	Applicable.
(p) Listing Suspension:	Applicable.
(q) Illiquidity:	Applicable.
(r) Tender Offer:	Applicable.
(s) Hedging Liquidity Event:	Not applicable.
(t) Other terms or special conditions:	Not applicable.
24. ETI Securities:	Not applicable.
25. Debt Securities:	Not applicable.
26. Commodity Securities:	Not applicable.
27. Inflation Index Securities:	Not applicable.
28. Currency Securities:	Not applicable.
29. Fund Securities:	Not applicable.
30. Futures Securities:	Not applicable.
31. OET Certificates:	Not applicable.
32. Constant Leverage Securities:	Not applicable.
33. Additional Disruption Events:	Applicable.
34. Optional Additional Disruption Events:	(a) The following Optional Additional Disruption Events apply to the Securities: Administrator/Benchmark Event

Increased Cost of Hedging

Currency Event

Loss of Stock Borrow

Insolvency Filing

Increased Cost of Stock Borrow

(b) The Maximum Stock Loan Rate is 25%.

The Initial Stock Loan Rate is 25%.

35. **Knock-in Event:**

Not applicable.

36. **Knock-out Event:**

Not applicable.

PROVISIONS RELATING TO WARRANTS

37. **Provisions relating to Warrants:**

Applicable.

(a) **Units:**

Warrants must be exercised in Units. Each Unit consists of the number of Warrants set out in "Specific Provisions for each Series" above.

(b) **Minimum Exercise Number:**

The minimum number of Warrants that may be exercised (including automatic exercise) on any day by any Holder is one (1) Warrant, and Warrants may only be exercised (including automatic exercise) in integral multiples of one (1) Warrant in excess thereof.

(c) **Maximum Exercise Number:**

Not applicable.

(d) **Exercise Price(s):**

The exercise price(s) per Warrant (which may be subject to adjustment in accordance with Annex 1) is set out in "Specific Provisions for each Series" above.

(e) **Exercise Date:**

The exercise date of the Warrants is set out in "Specific Provisions for each Series" above, provided that, if such date is not an Exercise Business Day, the Exercise Date shall be the immediately succeeding Exercise Business Day.

(f) **Exercise Period:**

Not applicable.

(g) **Valuation Date:**

The Valuation Date shall be the Actual Exercise Date of the relevant Warrant, subject to adjustments in accordance with Condition 20.

(h) **Strike Date:**

Not applicable.

(i) **Averaging:**

Averaging does not apply to the Warrants.

(j) **Observation Dates:**

Not applicable.

(k) **Observation Period:**

Not applicable.

(l) **Cash Settlement Amount:**

A Holder, upon due exercise, will receive from the Issuer on the Settlement Date, in respect of each Warrant, a Cash Settlement Amount calculated by the Calculation Agent (which shall not be less than zero) equal to:

-in respect of *Call* Warrants:

$\text{Max} [0 ; \text{Settlement Price Final} - \text{Exercise Price}] / [\text{Parity} \times \text{Exchange Rate Final}]$

-in respect of *Put* warrants:

$\text{Max} [0 ; \text{Exercise Price} - \text{Settlement Price Final}] / [\text{Parity} \times \text{Exchange}]$

Rate Final]

Where:

Settlement Price Final means the Closing Price on the Valuation Date.

Closing Price is the Settlement Price

Exercise Price means as set out in "Specific Provisions for each Series" above.

Parity means as set out in "Specific Provisions for each Series" above.

Exchange Rate Final means the Exchange Rate on the relevant Valuation Date.

(m) **Settlement Date:** See the "Specific Provisions for each Series" above.

PROVISIONS RELATING TO CERTIFICATES

38. **Provisions relating to Certificates:** Not applicable.
39. **Identification information of Holders:** Not applicable.

DISTRIBUTION AND US SALES ELIGIBILITY (ALL SECURITIES)

40. **Selling Restrictions:**
- (a) **Eligibility for sale of Securities in the United States:** The Securities are not eligible for sale in the United States.
Reg. S Compliance Category 2; TEFRA Not applicable
 - (b) **Other Selling Restrictions:** Not applicable.
41. **Additional U.S. Federal income tax considerations:** The Securities are not Specified Securities for purposes of Section 871(m) of the U.S. Internal Revenue Code of 1986.
42. **Prohibition of Sales to EEA and UK Retail Investors:**
- (a) **Selling Restriction:** Applicable.
 - (b) **Legend:** Applicable.

Responsibility

The Issuer accepts responsibility for the information contained in these Final Terms. To the best of the knowledge of the Issuer (who has taken all reasonable care to ensure that such is the case), the information contained herein is in accordance with the facts and does not omit anything likely to affect the import of such information.

Signed on behalf of BNP Paribas Issuance B.V.
As Issuer:



By:
Duly authorised

PART B - OTHER INFORMATION

1. Listing and Admission to trading

The Securities are unlisted.

2. Governing Law and Jurisdiction

As provided in the Conditions, the Securities are governed by French Law and the Paris Court of Appeal shall have exclusive jurisdiction to settle all disputes that may, directly or indirectly, arise out of or in connection with the Securities.

3. Ratings

The Securities have not been rated.

4. Interests of Natural and Legal Persons Involved in the Issue

Save as discussed in the "*Potential Conflicts of Interest*" paragraph in the "*Risks*" section in the Base Prospectus, so far as the Issuer is aware, no person involved in the issue of the Securities has an interest material to the issue.

5. Performance of Underlying/Formula/Other Variable, Explanation of Effect on Value of Investment and Associated Risks and Other Information concerning the Underlying

The Call or Put Warrant is a leveraged Warrant with a fixed term, which gives investors a level of exposure from moderate to high to the price and performance of the relevant Share as described in Part A "Specific Provisions for each Series" (the "Underlying Share") that is greater than the capital invested. The leveraged nature of the Warrants means that any movement in the value of the Underlying Share will have a magnified effect on the value of the Warrants, both positively and negatively.

The Warrants are "Call" and "Put" Warrants.

With a Call Warrant Holders benefit from excess (if any) of the Settlement Price on the Valuation Date over the Exercise Price (divided by the product of the Exchange Rate Final, if any, and Parity).

With a Put Warrant Holders benefit from excess (if any) of the Exercise Price on the Valuation Date over the Settlement Price (divided by the product of the Exchange Rate Final, if any, and Parity).

On the Settlement Date, Holders will receive an amount, which may be zero, determined by reference to the performance of the Underlying Index and, if applicable, the performance of the Exchange Rate between the Index Currency and the Settlement Currency.

Information on each Share shall be available on the relevant Share Company website as set out in "Specific Provisions for each Series" in Part A.

Past and further performances of each Share are available on the relevant Exchange website as set out in "Specific Provisions for each Series" in Part A and the volatility of each Share may be obtained from the Calculation Agent : markets.ch@bnpparibas.com

The Issuer does not intend to provide post-issuance information.

SHARE DISCLAIMER

The issue of the Securities is not sponsored or promoted by any Share Company and is under the sole responsibility of BNP Paribas. No Share Company makes any representation whatsoever nor promotes the growth of the Securities in relation to their Shares and consequently does not have any financial or legal obligation with respect to the Securities. In addition, Securities do not give the right to dividends distributed by the Share Company or voting rights or any other right with respect of the Share Company.

6. Operational Information

- i. **Relevant Clearing System(s):** SIX SIS Ltd., Olten, Switzerland
- ii. **Intermediary:** SIX SIS Ltd., Olten, Switzerland

SUMMARY OF FINAL TERMS

This shall constitute a summary of the Final Terms (the "**Summary**") pursuant to Art. 56 para. 2 FinSO.

Part A – Introduction					
A.1	Introduction and Warnings	<p>The Securities may only be offered, sold or advertised, directly or indirectly, in Switzerland in accordance with the requirements of the FinSA, as further set out in the Base Prospectus approved by the SIX Exchange Regulation AG in its capacity as Swiss Prospectus Office as of 23 September 2022 and the Final Terms. Terms used in this Summary shall have the same meaning as set forth in the Base Prospectus and the Final Terms.</p> <p>The Securities may be considered structured products in Switzerland pursuant to article 70 FinSA and are neither subject to authorisation nor supervision by FINMA. Investors bear the credit risk of the Issuer and/or the Guarantor. Investors should read the section "Risks" of the Base Prospectus.</p> <p>Investing in the Securities may put Investor's capital at risk. Investors may lose some or all of their investment.</p>			
A.2	Investment Decision	Any decision to invest in any Securities should be based on a consideration of the Base Prospectus and the Final Terms as a whole, including any documents incorporated by reference.			
A.3	Liability	The Issuer or the Guarantor may be liable for the content of this Summary solely when read together with the other parts of the Base Prospectus and the Final Terms or where it does not provide, when read together with the other parts of the Base Prospectus and the Final Terms, key information in order to aid investors when considering whether to invest in the Securities.			
Part B – Securities					
B.1	Issuer/Guarantor	<p>Issuer</p> <p>The legal company name of the Issuer is BNP Paribas Issuance B.V. (the "Issuer"). The domicile of the Issuer is Amsterdam, Netherlands. The registered office of the Issuer is Herengracht 595, 1017 CE Amsterdam, the Netherlands.</p> <p>Guarantor</p> <p>The legal company name of the Guarantor is BNP Paribas (the "Guarantor"). The domicile of the Guarantor is Paris, France. The head office of the Guarantor is 16, boulevard des Italiens – 75009 Paris, France.</p>			
B.2	ISIN	As set out in table below.			
B.3	Nature of Securities	Warrants.			
B.4	Product Name	"European Style" Warrants relating to a Share			
B.5	Issue Date	1 December 2022			
B.6	Settlement Date	As set out in table below.			
B.7	Issue Price	As set out in table below.			
B.8	Underlyings	As set out in table below.			
B.9	Settlement	Settlement type: cash settlement. Settlement currency: As set out in table below.			
Part C – Offer and Admission to Trading					
C.1	Public Offer	The Securities may be offered, sold or advertised, directly or indirectly, in Switzerland to retail clients (<i>Privatkundinnen und -kunden</i>) within the meaning of FinSA (" Retail Clients ") in accordance with FinSA starting from the Issue Date.			
C.2	Admission to Trading/listing	Not applicable. The Securities will be provisionally admitted to trading on the Issue Date.			
C.3	Clearing System	SIX SIS Ltd., Olten, Switzerland			
C.4	Intermediary	SIX SIS Ltd., Olten, Switzerland			
C.5	Selling restrictions	As per the Base Prospectus.			
Series Number / ISIN Code		Share Company / Share	Issue Price per Security	Settlement Currency	Redemption Date
CH1232651419		ABB Ltd	CHF 0.10	CHF	24 March 2023
CH1232651427		ABB Ltd	CHF 0.13	CHF	24 March 2023

Series Number / ISIN Code	Share Company / Share	Issue Price per Security	Settlement Currency	Redemption Date
CH1232651435	ABB Ltd	CHF 0.18	CHF	24 March 2023
CH1232651443	ABB Ltd	CHF 0.24	CHF	24 March 2023
CH1232651450	ABB Ltd	CHF 0.10	CHF	23 June 2023
CH1232651468	ABB Ltd	CHF 0.11	CHF	23 June 2023
CH1232651476	ABB Ltd	CHF 0.15	CHF	23 June 2023
CH1232651484	ABB Ltd	CHF 0.20	CHF	23 June 2023
CH1232651492	ABB Ltd	CHF 0.25	CHF	23 June 2023
CH1232651500	ABB Ltd	CHF 0.13	CHF	22 September 2023
CH1232651518	ABB Ltd	CHF 0.20	CHF	22 September 2023
CH1232651526	ABB Ltd	CHF 0.24	CHF	22 September 2023
CH1232651534	ABB Ltd	CHF 0.30	CHF	22 September 2023
CH1232651542	ABB Ltd	CHF 0.24	CHF	22 December 2023
CH1232651559	ABB Ltd	CHF 0.29	CHF	22 December 2023
CH1232651567	ABB Ltd	CHF 0.11	CHF	24 March 2023
CH1232651575	ABB Ltd	CHF 0.14	CHF	24 March 2023
CH1232651583	ABB Ltd	CHF 0.19	CHF	24 March 2023
CH1232651591	ABB Ltd	CHF 0.23	CHF	23 June 2023
CH1232651609	ABB Ltd	CHF 0.28	CHF	23 June 2023
CH1232651617	ABB Ltd	CHF 0.15	CHF	22 September 2023
CH1232651625	ABB Ltd	CHF 0.22	CHF	22 September 2023
CH1232651633	ABB Ltd	CHF 0.27	CHF	22 September 2023
CH1232651641	ABB Ltd	CHF 0.32	CHF	22 September 2023
CH1232651658	ABB Ltd	CHF 0.30	CHF	22 December 2023
CH1232651666	ABB Ltd	CHF 0.35	CHF	22 December 2023
CH1232651674	Amazon.com Inc	CHF 0.90	CHF	24 March 2023
CH1232651682	Amazon.com Inc	CHF 1.23	CHF	24 March 2023
CH1232651690	Amazon.com Inc	CHF 1.65	CHF	24 March 2023
CH1232651708	Amazon.com Inc	CHF 2.16	CHF	24 March 2023
CH1232651716	Amazon.com Inc	CHF 2.76	CHF	24 March 2023
CH1232651724	Amazon.com Inc	CHF 1.20	CHF	23 June 2023
CH1232651732	Amazon.com Inc	CHF 1.50	CHF	23 June 2023
CH1232651740	Amazon.com Inc	CHF 1.87	CHF	23 June 2023
CH1232651757	Amazon.com Inc	CHF 2.31	CHF	23 June 2023
CH1232651765	Amazon.com Inc	CHF 2.82	CHF	23 June 2023
CH1232651773	Amazon.com Inc	CHF 3.39	CHF	23 June 2023
CH1232651781	Amazon.com Inc	CHF 1.37	CHF	22 September 2023
CH1232651799	Amazon.com Inc	CHF 1.65	CHF	22 September 2023
CH1232651807	Amazon.com Inc	CHF 1.98	CHF	22 September 2023
CH1232651815	Amazon.com Inc	CHF 2.36	CHF	22 September

Series Number / ISIN Code	Share Company / Share	Issue Price per Security	Settlement Currency	Redemption Date
				2023
CH1232651823	Amazon.com Inc	CHF 2.81	CHF	22 September 2023
CH1232651831	Amazon.com Inc	CHF 3.31	CHF	22 September 2023
CH1232651849	Amazon.com Inc	CHF 3.86	CHF	22 September 2023
CH1232651856	Amazon.com Inc	CHF 1.74	CHF	22 December 2023
CH1232651864	Amazon.com Inc	CHF 2.04	CHF	22 December 2023
CH1232651872	Amazon.com Inc	CHF 2.38	CHF	22 December 2023
CH1232651880	Amazon.com Inc	CHF 2.77	CHF	22 December 2023
CH1232651898	Amazon.com Inc	CHF 3.21	CHF	22 December 2023
CH1232651906	Amazon.com Inc	CHF 1.03	CHF	24 March 2023
CH1232651914	Amazon.com Inc	CHF 1.37	CHF	24 March 2023
CH1232651922	Amazon.com Inc	CHF 1.80	CHF	24 March 2023
CH1232651930	Amazon.com Inc	CHF 2.32	CHF	24 March 2023
CH1232651948	Amazon.com Inc	CHF 1.45	CHF	23 June 2023
CH1232651955	Amazon.com Inc	CHF 1.80	CHF	23 June 2023
CH1232651963	Amazon.com Inc	CHF 2.22	CHF	23 June 2023
CH1232651971	Amazon.com Inc	CHF 2.71	CHF	23 June 2023
CH1232651989	Amazon.com Inc	CHF 3.26	CHF	23 June 2023
CH1232651997	Amazon.com Inc	CHF 1.70	CHF	22 September 2023
CH1232652003	Amazon.com Inc	CHF 2.06	CHF	22 September 2023
CH1232652011	Amazon.com Inc	CHF 2.47	CHF	22 September 2023
CH1232652029	Amazon.com Inc	CHF 2.95	CHF	22 September 2023
CH1232652037	Amazon.com Inc	CHF 3.47	CHF	22 September 2023
CH1232652045	Amazon.com Inc	CHF 1.90	CHF	22 December 2023
CH1232652052	Amazon.com Inc	CHF 2.26	CHF	22 December 2023
CH1232652060	Amazon.com Inc	CHF 2.67	CHF	22 December 2023
CH1232652078	Amazon.com Inc	CHF 3.13	CHF	22 December 2023
CH1232652086	Amazon.com Inc	CHF 3.64	CHF	22 December 2023
CH1232652094	Apple Inc	CHF 0.55	CHF	24 March 2023
CH1232652102	Apple Inc	CHF 0.96	CHF	24 March 2023
CH1232652110	Apple Inc	CHF 1.52	CHF	24 March 2023
CH1232652128	Apple Inc	CHF 0.98	CHF	23 June 2023
CH1232652136	Apple Inc	CHF 1.18	CHF	23 June 2023
CH1232652144	Apple Inc	CHF 1.41	CHF	23 June 2023
CH1232652151	Apple Inc	CHF 1.67	CHF	23 June 2023
CH1232652169	Apple Inc	CHF 1.95	CHF	23 June 2023
CH1232652177	Apple Inc	CHF 1.51	CHF	22 September

Series Number / ISIN Code	Share Company / Share	Issue Price per Security	Settlement Currency	Redemption Date
				2023
CH1232652185	Apple Inc	CHF 1.74	CHF	22 September 2023
CH1232652193	Apple Inc	CHF 2	CHF	22 September 2023
CH1232652201	Apple Inc	CHF 2.27	CHF	22 September 2023
CH1232652219	Apple Inc	CHF 1.39	CHF	22 December 2023
CH1232652227	Apple Inc	CHF 1.80	CHF	22 December 2023
CH1232652235	Apple Inc	CHF 2.03	CHF	22 December 2023
CH1232652243	Apple Inc	CHF 2.28	CHF	22 December 2023
CH1232652250	Apple Inc	CHF 0.55	CHF	24 March 2023
CH1232652268	Apple Inc	CHF 0.70	CHF	24 March 2023
CH1232652276	Apple Inc	CHF 0.87	CHF	24 March 2023
CH1232652284	Apple Inc	CHF 1.08	CHF	24 March 2023
CH1232652292	Apple Inc	CHF 0.83	CHF	23 June 2023
CH1232652300	Apple Inc	CHF 0.99	CHF	23 June 2023
CH1232652318	Apple Inc	CHF 1.17	CHF	23 June 2023
CH1232652326	Apple Inc	CHF 1.37	CHF	23 June 2023
CH1232652334	Apple Inc	CHF 1.60	CHF	23 June 2023
CH1232652342	Apple Inc	CHF 1	CHF	22 September 2023
CH1232652359	Apple Inc	CHF 1.16	CHF	22 September 2023
CH1232652367	Apple Inc	CHF 1.34	CHF	22 September 2023
CH1232652375	Apple Inc	CHF 1.55	CHF	22 September 2023
CH1232652383	Apple Inc	CHF 1.77	CHF	22 September 2023
CH1232652391	Apple Inc	CHF 1.14	CHF	22 December 2023
CH1232652409	Apple Inc	CHF 1.31	CHF	22 December 2023
CH1232652417	Apple Inc	CHF 1.49	CHF	22 December 2023
CH1232652425	Apple Inc	CHF 1.69	CHF	22 December 2023
CH1232652433	Apple Inc	CHF 1.91	CHF	22 December 2023
CH1232652441	Credit Suisse Group AG	CHF 0.19	CHF	24 March 2023
CH1232652458	Credit Suisse Group AG	CHF 0.26	CHF	24 March 2023
CH1232652466	Credit Suisse Group AG	CHF 0.34	CHF	24 March 2023
CH1232652474	Credit Suisse Group AG	CHF 0.45	CHF	24 March 2023
CH1232652482	Credit Suisse Group AG	CHF 0.28	CHF	23 June 2023
CH1232652490	Credit Suisse Group AG	CHF 0.35	CHF	23 June 2023
CH1232652508	Credit Suisse Group AG	CHF 0.43	CHF	23 June 2023
CH1232652516	Credit Suisse Group AG	CHF 0.53	CHF	23 June 2023
CH1232652524	Credit Suisse Group AG	CHF 0.26	CHF	22 September 2023
CH1232652532	Credit Suisse Group AG	CHF 0.31	CHF	22 September

Series Number / ISIN Code	Share Company / Share	Issue Price per Security	Settlement Currency	Redemption Date
				2023
CH1232652540	Credit Suisse Group AG	CHF 0.37	CHF	22 September 2023
CH1232652557	Credit Suisse Group AG	CHF 0.44	CHF	22 September 2023
CH1232652565	Credit Suisse Group AG	CHF 0.52	CHF	22 September 2023
CH1232652573	Credit Suisse Group AG	CHF 0.62	CHF	22 September 2023
CH1232652581	Credit Suisse Group AG	CHF 0.38	CHF	22 December 2023
CH1232652599	Credit Suisse Group AG	CHF 0.45	CHF	22 December 2023
CH1232652607	Credit Suisse Group AG	CHF 0.52	CHF	22 December 2023
CH1232652615	Credit Suisse Group AG	CHF 0.60	CHF	22 December 2023
CH1232652623	Credit Suisse Group AG	CHF 0.69	CHF	22 December 2023
CH1232652631	Credit Suisse Group AG	CHF 0.23	CHF	24 March 2023
CH1232652649	Credit Suisse Group AG	CHF 0.33	CHF	24 March 2023
CH1232652656	Credit Suisse Group AG	CHF 0.43	CHF	24 March 2023
CH1232652664	Credit Suisse Group AG	CHF 0.54	CHF	24 March 2023
CH1232652672	Credit Suisse Group AG	CHF 0.33	CHF	23 June 2023
CH1232652680	Credit Suisse Group AG	CHF 0.45	CHF	23 June 2023
CH1232652698	Credit Suisse Group AG	CHF 0.55	CHF	23 June 2023
CH1232652706	Credit Suisse Group AG	CHF 0.67	CHF	23 June 2023
CH1232652714	Credit Suisse Group AG	CHF 0.80	CHF	23 June 2023
CH1232652722	Credit Suisse Group AG	CHF 0.40	CHF	22 September 2023
CH1232652730	Credit Suisse Group AG	CHF 0.53	CHF	22 September 2023
CH1232652748	Credit Suisse Group AG	CHF 0.63	CHF	22 September 2023
CH1232652755	Credit Suisse Group AG	CHF 0.75	CHF	22 September 2023
CH1232652763	Credit Suisse Group AG	CHF 0.88	CHF	22 September 2023
CH1232652771	Credit Suisse Group AG	CHF 0.46	CHF	22 December 2023
CH1232652789	Credit Suisse Group AG	CHF 0.60	CHF	22 December 2023
CH1232652797	Credit Suisse Group AG	CHF 0.70	CHF	22 December 2023
CH1232652805	Credit Suisse Group AG	CHF 0.82	CHF	22 December 2023
CH1232652813	Credit Suisse Group AG	CHF 0.94	CHF	22 December 2023
CH1232652821	Logitech International SA	CHF 0.44	CHF	24 March 2023
CH1232652839	Logitech International SA	CHF 0.59	CHF	23 June 2023