

Visa Approved Chip Cards - Nov 22, 2024

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Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Advanced Card Systems Ltd	LBADVA03075A	ACOSJ-V v2.00	03 Jul 2018	Y	24 Apr 2027	Dual	ST31G480 Revision H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Alioth LLC	LBALIO02961B	SCOne C40 VIS 1.5.4	31 Jul 2018	N	28 Oct 2028	Contact	S3K250A	ID1 Card	1.5.4		VIS 1.5.4	10, 18		N
Alioth LLC	LBALIO03068A	SCOne D80 MIR 1.1 VIS 1.5.4	26 Jul 2018	N	09 Dec 2028	Dual	IFX_ECL_Fh[1h-4h] H13	ID1 Card	1.5.4	2.1.3	VIS 1.5.4	10, 18	10, 17, 18	N
Alioth LLC	LBALIO04283A	ALIO-UBJ31-VSDC2.8.1g ver 1.0	29 Mar 2021	N	09 Dec 2028	Dual	IFX_ECL_Fh, H13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Alioth LLC	LBALIO04432B	SCOne D20 VIS 1.6.3 W ver.1.1	18 Oct 2021	N	03 Apr 2032	Dual	IFX_ECL_53h [01h-1Eh] S11	ID1 Card	1.6.3	2.2.4	VIS1.6.3 ver 1.1	10, 18, 22	10, 17, 18, 22	Y
Alioth LLC	LBALIO04779A	SCOne D20 VIS 1.6.3 W ver.1.2	07 Feb 2022	N	03 Apr 2032	Dual	IFX_ECL_53h [01h-1Eh] S11	ID1 Card	1.6.3	2.2.4	VIS1.6.3 ver 1.1	10, 18, 22	10, 17, 18, 22	Y
Alioth LLC	LBALIO2857A	ALIO-V0-J3H0XX-MVA3 1.0	27 Sep 2017	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	VIDI 1.0	10, 18	10, 17, 18	N
Allcard Inc.	LBALLC05666A	ACC_JCOP4.5_VSDC_2.9.2_MF_DESFire_EV3	29 Feb 2024	N	07 Apr 2034	Dual	N7122 A1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Allcard Inc.	LBALLC05861A	TMCOS V4.0	09 Jul 2024	N	03 Feb 2034	Dual	THD89-F350A Rev. 1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Allcard Inc.	LBALLC05871A	SLJ26P D1 VISA V2.9.2	11 Jul 2024	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
allpay Ltd	LBALLP03570A	allpay_ML4 CoM v1	07 Jan 2019	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	Y
allpay Ltd	LBALLP03960A	V0/1x-J3Rxxx-2.8.1g1 2.0	30 Jan 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
allpay Ltd	LBALLP03961A	V1/1x-J3Rxxx-2.8.1g1 2.0	30 Jan 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
allpay Ltd	LBALLP03962A	V0/1x-J3Rxxx-2.9 2.0	30 Jan 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
allpay Ltd	LBALLP03963A	V1/1x-J3Rxxx-2.9 2.0	30 Jan 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N

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allpay Ltd	LBALLP2832A	allpay_LogOS DI v1	19 Jun 2017	N	19 Dec 2025	Dual	S3FT9MS	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
American Banknote Corporation	LBABAU2504A	ABnote CL J3H0XX MVA3	06 Jun 2016	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
American Banknote Corporation	LBABAU2561A	ABnote CL J3H0XX MVA3 2.1	16 Jun 2016	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
American Banknote Corporation	LBABAU2578A	ABnote CL J3H0XX EP MVA3 2.1	12 Jul 2016	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
American Banknote Corporation	LBABNA2612A	ABNNA-EMV-CT-D-X4-NX v1.0	03 Apr 2017	N	14 Feb 2026	Contact	P40C072 VE	ID1 Card	1.5.4		VSDC 2.8.1f1	10, 18		N
American Banknote Corporation	LBABNA2780A	ABNNA-EMV-CT-D-AS-ST v1.0	10 Apr 2017	N	13 Jul 2027	Contact	ST31H320 (K8N0)	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
American Banknote Corporation	LBABNC02997A	ABC CL J3H0XX EPN 2.1	17 Jan 2018	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
American Banknote Corporation	LBABNC03464A	ABC CL J3H0XX MVA3 G1 D6 2.1	19 Nov 2018	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
American Banknote Corporation	LBABNC03532A	ABC CL J3H0XX MVA3 G1 FD6 2.1	21 Dec 2018	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
American Banknote Corporation	LBABNC03608A	ABC CL IFX SLJ32PD G1 D6 v1.0	05 Mar 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
American Banknote Corporation	LBABNC03630A	ABC CL CosmoIy6.0-1X D6 v 1.0	29 Apr 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
American Banknote Corporation	LBABNC03631A	ABC CL CosmoIy6.0-4X D6 v 1.0	07 Mar 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
American Banknote Corporation	LBABNC03741A	ABC CL J3Rxxx 2.9 D6 v 1.0	28 May 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
American Banknote Corporation	LBABNC03748A	ABC CL J3Rxxx 2.8.1g1 D6 v 1.0	28 May 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
American Banknote Corporation	LBABNC05190A	SECORA" Pay SLJ37P D1 VISA V2.8.1G1	08 Jun 2023	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
American Banknote Corporation	LBABNC05561A	ABC CL KONA2384 292 D6	14 Nov 2023	N	22 Jun 2032	Dual	S3D384C Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
American Banknote Corporation	LBABNC05577A	ABC CL SLJ26P 281G1	04 Mar 2024	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
American Banknote Corporation	LBABNC2901A	ABC DI STPAY-IVORY v1.0	03 Nov 2017	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18	10, 17, 18	N
AMF Medios Transaccionales S.A.	LBAMFM03817A	JcopP71 Dual6 V1.0	13 Sep 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y

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AMF Medios Transaccionales S.A.	LBAMFM2896A	JcopP60 V1.0	12 Oct 2017	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	VIDI 1.0	10, 18	10, 17, 18	N
AMF Medios Transaccionales S.A.	LBAMFM2897A	STPAYNYP V1.0	06 Oct 2017	N	30 Apr 2025	Dual	ST31-K330A (SR31Z052)	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
Archivert S.A.	LBARC03335A	SECORA" Pay SLJ32PD D1 VISA V2.8.1G1	11 Sep 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Archivert S.A.	LBARC03917A	STPAY Tiger-1.3b v1.0	08 Nov 2019	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Archivert S.A.	LBARC03931A	STPAY Tiger-2.1 V1.0	08 Nov 2019	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Arroweye Solutions, Inc.	LBARRO03170B	Arroweye Contactless, Version 1	04 Feb 2019	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Arroweye Solutions, Inc.	LBARRO04258A	ASI DI005_P71, Version 1	30 Oct 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Arroweye Solutions, Inc.	LBARRO04479A	ASI-DI032_Topaz, Version 2	20 Jul 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Arroweye Solutions, Inc.	LBARRO04714A	ASI-Topaz_SPS, Version 1	11 Oct 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Arroweye Solutions, Inc.	LBARRO05325A	ASI_Toppan_Topaz 1.3, Version 1	13 Apr 2023	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Arroweye Solutions, Inc.	LBARRO05470A	ASI_Toppan Foil_Topaz 1.3, Version 1	27 Nov 2023	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Arroweye Solutions, Inc.	LBARRO2848A	STPay-C1	25 Apr 2017	N	13 Jul 2027	Contact	ST31H320 (K8N0)	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST03225A	ACE-V 2000 Dual Interface v.24.8c	31 May 2018	N	09 Dec 2028	Dual	IFX_ECL_12h / H13	ID1 Card	1.5.4	2.1.3	VIS/VCPS Application, v4.0	10, 18	10, 17, 18	N
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST03664A	ACE-V Dual S1 v1.0	10 Jul 2019	N	09 Dec 2028	Dual	IFX_ECL_12h / H13	ID1 Card	1.6.2	2.2.3	VIS/VCPS Application v5.0	10, 18, 22	10, 17, 18, 22	Y
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST03943A	ACE-V Dual AX M1	14 Oct 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST04182A	ACE-V Dual S1 v2.0	20 Jul 2020	N	09 Dec 2028	Dual	IFX_ECL_12h / H13	ID1 Card	1.6.2	2.2.3	VIS/VCPS Application v5.0	10, 18, 22	10, 17, 18, 22	Y
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST04284B	ACE-V Dual S3 v1.0	21 Jul 2021	N	03 Apr 2032	Dual	IFX_ECL_54h	ID1 Card	1.6.2	2.2.3	VIS/VCPS Application v6.0	10, 18, 22	10, 17, 18, 22	Y
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST04922A	ACE-V Dual S4 v2.0	03 Mar 2022	N	06 Sep 2031	Dual	ST31P320 Rev. C	ID1 Card	1.6.3	2.2.4	VIS/VCPS Application v7.0	10, 18, 22	10, 17, 18, 22	Y
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST05242A	SECORA" Pay SLJ37P D1 VISA V2.9.2	12 Dec 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y

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Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST05304A	ACE-V Dual S5 v1.0	03 Jul 2023	N	30 Nov 2034	Dual	IFX_ECL_75h	ID1 Card	1.6.3	2.2.4	VIS/VCPS Application v8.0	10, 18, 22	10, 17, 18, 22	Y
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST05392A	AC V0_4x_J3Rxxx_2.9.2_5.0	31 Mar 2023	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST05393A	AC V0_4x_J3Rxxx_2.8.1G1_2.0	31 Mar 2023	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST05527A	ACE-V Advanced S5 v1.0	30 Aug 2023	N	30 Nov 2034	Contact	IFX_ECL_75h	ID1 Card	1.6.3		VIS/VCPS Application v8.0	10, 18, 22		Y
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST05917A	AC SLJ26P D1 VISA V2.9.2 LED v1.0	23 Sep 2024	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card (Electronic Components)	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST05944A	AC V0_4x_J3Rxxx_2.9.2_MF+_5.0	10 Sep 2024	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST06018A	AC SLJ39B D1 VBOC BCoM	14 Nov 2024	N	22 Mar 2035	Dual	IFX_ECL_6Eh (0x09) S12	ID1 Card (Biometric)	1.6.3	2.2.4	SLJ39B D1 VBOC v01.00.00002	10, 18, 22	10, 17, 18, 22	Y
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST2590A	ACE-V 2000 Advanced v.8.3	08 Nov 2016	N	14 Feb 2026	Contact	P40C012 VE	ID1 Card	1.5.4		VIS Application v3.0	10, 18		N
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST2591A	ACE-V 2000 Advanced v.8.3	21 Nov 2016	N	14 Feb 2026	Contact	P40C012 VE	ID1 Card	1.5.4		VIS Application v3.0	10, 18		N
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST2739A	ACE-V 2000 Advanced v.8.3	12 Jan 2017	N	14 Feb 2026	Contact	P40C012 VE	ID1 Card	1.5.4		VIS Application v3.0	10, 18		N
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST2747A	ACE-V 2000 Advanced v.8.3s	13 Jan 2017	N	14 Feb 2026	Contact	P40C012 VE	ID1 Card	1.5.4		VIS Application v3.0	10, 18		N
Austria Card Plastikkarten und Ausweissysteme GmbH	LBAUST2843B	ACE-V 2000 Dual Interface v.24.8	24 Nov 2017	N	09 Dec 2028	Dual	IFX_ECL_12h / H13	ID1 Card	1.5.4	2.1.3	VIS/VCPS Application, v4.0	10, 18	10, 17, 18	N
Banner Plasticard, Inc.	LBBANN03942A	Banner SecureA V1.0	05 Dec 2019	N	09 Dec 2028	Dual	IFX_ECL_Fh[1h-4h] H13	ID1 Card	1.5.4	2.1.3	VIS 1.5.4	10, 18	10, 17, 18	N
Banner Plasticard, Inc.	LBBANN03977A	Banner SecureI V1.0	09 Dec 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Banner Plasticard, Inc.	LBBANN04616A	Banner SecureUSPS v.1.0	06 Oct 2021	N	09 Dec 2028	Dual	IFX_ECL_Fh, H13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Banner Plasticard, Inc.	LBBANN04888A	BANNER SECURESBP v1.0	17 Feb 2022	N	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N

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Banner Plasticard, Inc.	LBBANN05098A	Banner SecureWT v1.0	28 Jul 2022	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Banner Plasticard, Inc.	LBBANN05382A	Banner SecureAACF v1.0	05 May 2023	N	03 Apr 2032	Dual	FX_ECL_53h [01h-1Eh] S11	ID1 Card	1.6.3	2.2.4	VIS1.6.3 ver 1.1	10, 18, 22	10, 17, 18, 22	Y
Banner Plasticard, Inc.	LBBANN05408A	Banner SecureXACF v1.0	28 Apr 2023	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
Beautiful Card Corporation	LBBEAU03462A	Contactless R9 v2.0	16 May 2019	N	09 Dec 2028	Dual	SLC32PD - IFX_ECL_12h	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Beautiful Card Corporation	LBBEAU03476A	KONA2 D2320	24 Apr 2019	N	02 Jul 2027	Dual	S3FT9MG	ID1 Card	1.5.3	2.1.3	VSDC 2.8.1f1	10, 18	10, 17, 18	N
Beautiful Card Corporation	LBBEAU03953A	KONA2 D2350	05 Dec 2019	N	28 Oct 2028	Dual	S3D350A	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
Beautiful Card Corporation	LBBEAU04077A	Valid Logos Exolvo A1-1 v1.2	23 Mar 2020	N	24 Apr 2027	Dual	ST31G480 FW v2.1.0 (Rev H)	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Beautiful Card Corporation	LBBEAU04078A	Valid Logos Exolvo A1-1 v1.2	24 Mar 2020	N	24 Apr 2027	Dual	ST31G480 FW v2.1.0 (Rev H)	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Beautiful Card Corporation	LBBEAU04079A	Valid Logos Exolvo A1-1 v1.2	24 Mar 2020	N	24 Apr 2027	Dual	ST31G480 FW v2.1.0 (Rev H)	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Beautiful Card Corporation	LBBEAU04221A	Valid Minitag Secora Pay VISA V2.8.1G1	12 Aug 2020	N	09 Dec 2028	Contactless	IFX_ECL_12h [4Ch]	Micro-tag		2.1.3	VSDC 2.8.1g1		10, 17, 18	N
Beautiful Card Corporation	LBBEAU04311A	BCC VSDC R5 on ML4-P18 CoM v1.1	08 Dec 2020	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	Y
Beautiful Card Corporation	LBBEAU04513A	BCC/M-J3RXXX-MA 1.0	03 May 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Beautiful Card Corporation	LBBEAU04836A	SECORA" Pay SLJ37P D1 VISA V2.9.2	29 Dec 2021	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Beautiful Card Corporation	LBBEAU04837A	SECORA" Pay SLJ37P D1 VISA V2.9.2	29 Dec 2021	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Beautiful Card Corporation	LBBEAU04844A	KONA2 D6306 v1.0	28 Apr 2022	N	12 Mar 2032	Dual	CIU9872B_01	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Beautiful Card Corporation	LBBEAU04859A	Valid Advantis Contactless Trio Plus CPACE ver 1.0	01 Aug 2022	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	Advantis VISA Applet v1	10, 18	10, 17, 18	N
Beautiful Card Corporation	LBBEAU05267A	UranusMVP-Multi V2.7 (HB-Huada)	21 Mar 2023	N	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
Beautiful Card Corporation	LBBEAU05277A	BCC/V0/1x-J3Rxxx-2.9.1.0	20 Apr 2023	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Beautiful Card Corporation	LBBEAU05585A	BCC UBJ31-G33 (S3D384C), 1.0	08 Jan 2024	N	22 Jun 2032	Dual	S3D384C, Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Beautiful Card Corporation	LBBEAU05683A	Advantis Contactless TRIO PLUS 28 ver 1.0	03 May 2024	N	30 Nov 2034	Dual	FX_ECL_75h (0x1A) H11	ID1 Card	1.5.4	2.1.3	Advantis VISA Applet v1	10, 18	10, 17, 18	Y
Beautiful Card Corporation	LBBEAU05701A	BCC-LXS-Pay-TOPAZ 01-04-02 1.0	07 Mar 2024	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Beautiful Card Corporation	LBBEAU05703A	STPAY TopazBioF1.2 v1.0	23 Jul 2024	N	22 Oct 2033	Dual	ST31N600	ID1 Card (Biometric)	1.6.3	2.2.4	VSDC 2.9.2 CFS Build 240229	10, 18, 22	10, 17, 18, 22	Y
Beijing RT.hitech Microelectronics Technology Co., Ltd.	LBRTM2881A	RTPay-EMV-DI v1.0	20 Nov 2017	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
Biosmart Co., Ltd.	LBBIOS04152A	NEW PPC VOYAGE METAL V2.0	08 Jun 2020	N	09 Dec 2028	Contact	SLC32PD - IFX_ECI_12h	ID1 Card (Metal)	1.5.4		VSDC 2.8.1g	10, 18		N
Biosmart Co., Ltd.	LBBIOS05390A	V0/1x-J3Rxxx-2.9 1.0	22 May 2023	N	22 Nov 2030	Dual	N7121 B1	ID1 Card (Metal)	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Biosmart Co., Ltd.	LBBIOS05934A	Hybrid metal card	31 Oct 2024	N	03 Apr 2032	Dual	SLC36PDL352, IFX ECI 54 [1h-14h]	ID1 Card (Metal)	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Cellfie Global Co., Ltd.	LBICKC04989A	SECORA PAY_SLJ32PD_LED Card	10 Aug 2022	N	09 Dec 2028	Dual	IFX_ECI_12h [4Ch]	ID1 Card (Electronic Components)	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Chan Wanich Security Printing Co., Ltd.	LBCWSP03362A	CSP WAVE SLJ32PD D1 VISA V2.9	27 Aug 2018	N	09 Dec 2028	Dual	IFX_ECI_12h [4Ch]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Chan Wanich Security Printing Co., Ltd.	LBCWSP03601A	CSP Wave SLJ32PD D1 VISA VSDC2.8.1.G1	27 Mar 2019	N	09 Dec 2028	Dual	IFX_ECI_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Chan Wanich Security Printing Co., Ltd.	LBCWSP03619A	CSP_CosmoFV6_SPS_2.8.1g	20 Mar 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Chan Wanich Security Printing Co., Ltd.	LBCWSP03639A	CSP_CosmoFV6_SPS_2.9	22 Jul 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Chan Wanich Security Printing Co., Ltd.	LBCWSP03743A	CSP DI Conventional P71 1.0	10 Sep 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Chan Wanich Security Printing Co., Ltd.	LBCWSP03753A	CSP DI Conventional GFCX9 2.0	16 Aug 2019	N	09 Dec 2028	Dual	SLC32PD - IFX_ECI_12h	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Chan Wanich Security Printing Co., Ltd.	LBCWSP03778A	CSP DI Conventional P71 1.0	06 Feb 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card (Electronic Components)	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Chan Wanich Security Printing Co., Ltd.	LBCWSP04095A	CSP DI Conventional P71 1.0	24 Jun 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Chan Wanich Security Printing Co., Ltd.	LBCWSP05065A	CSPVCTBSECO (W/O NRG) Version 1.0	15 Sep 2022	N	03 Apr 2032	Dual	IFX_ECI_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Chan Wanich Security Printing Co., Ltd.	LBCWSP05066A	CSPVCTBSECO (NRG)	15 Sep 2022	N	03 Apr 2032	Dual	IFX_ECI_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Chan Wanich Security Printing Co., Ltd.	LBCWSP05457A	CSP DI UBIVELOX UCARD UBJ3LG33	20 Oct 2023	N	22 Jun 2032	Dual	S3D384C, Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Chutian Dragon Co., Ltd.	LBGCD03322A	CTD K80Vf1 1.0	13 Sep 2018	N	10 Jan 2025	Dual	P60D080MVC	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
Chutian Dragon Co., Ltd.	LBGCD03611A	Chutian Dragon Financial IC Card V1.0.0	22 Jul 2019	N	09 Dec 2028	Dual	IFX_ECI_12h, H13	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Chutian Dragon Co., Ltd.	LBGCDS03705A	CTDfJT04 V1.0.0	01 Aug 2019	N	05 Mar 2030	Dual	THD89 Rev.1.0	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Chutian Dragon Co., Ltd.	LBGCDS03757A	Chutian Dragon Financial Micro Tag V1.0.0	28 Jul 2020	N	09 Dec 2028	Contactless	IFX_ECL_12h, H13	Micro-tag		2.2.3	VSDC 2.9.1		10, 17, 18, 22	N
Chutian Dragon Co., Ltd.	LBGCDS04020B	CTDfJH20 V1.0.0	30 Oct 2020	N	21 Nov 2028	Dual	CIU9872B_01 C11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Chutian Dragon Co., Ltd.	LBGCDS04272A	CTDfJH20PL V1.0.0	13 Jan 2021	N	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
Chutian Dragon Co., Ltd.	LBGCDS2786A	CTD U100V1g 1.0	07 Mar 2017	N	13 Jul 2027	Contact	ST31H320	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
CompoSecure LLC	LBCOMP03894A	Metal Veneer DI v2/ CosmoFly V6.0	04 Mar 2020	Y	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
CompoSecure LLC	LBCOMP03934A	Metal Veneer DI Etched Antenna / INF SLJ32PD VSDC2.8.1g1	27 Apr 2020	Y	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
CompoSecure LLC	LBCOMP03936A	Metal Veneer DI Etched Antenna / SPS NXP P71	08 Jun 2020	Y	22 Nov 2030	Dual	N7121 B1	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
CompoSecure LLC	LBCOMP04191A	Metal Veneer DI / MULTOS ML4-P18	24 Aug 2020	Y	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card (Metal)	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	Y
CompoSecure LLC	LBCOMP05020A	Metal Veneer DI / SPS NXP P71 V0/1x-J3Rxxx-2.9 1.0	18 Jul 2022	Y	22 Nov 2030	Dual	N7121 B1	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
CompoSecure LLC	LBCOMP05404A	Metal Veneer DI Etched Antenna / SPS NXP P71 D321 Arculus	29 Aug 2023	Y	22 Nov 2030	Dual	N7121 B1	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
CompoSecure LLC	LBCOMP05504A	Metal Hybrid DI / Thales GFCX R13 v1.0 Zen 8 NL	19 Mar 2024	Y	03 Apr 2032	Dual	SLC36PDL352, IFX ECI 54 [1h-14h]	ID1 Card (Metal)	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
CompoSecure LLC	LBCOMP05673A	Full Metal Contact Only / SECORA" Pay SLJ37P D1 VISA V2.8.1G1	21 Feb 2024	N	03 Apr 2032	Contact	IFX_ECL_4Ah (0x0C) T11	ID1 Card (Metal)	1.5.4		VSDC 2.8.1g1	10, 18		Y
CompoSecure LLC	LBCOMP05874A	Metal Veneer DI Etched Antenna / SPS NXP P71 D600 Arculus VSDC 2.9.2	04 Oct 2024	Y	07 Apr 2034	Dual	N7122 A1	ID1 Card (Metal)	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Coregate Co. Ltd.	LBCORE02972A	COMET412 V1.0	13 Mar 2018	N	29 Mar 2025	Contact	S3FT9PF REV.0	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Coregate Co. Ltd.	LBCORE2391B	COMET411 v1.0	13 Feb 2017	N	13 Jul 2027	Contact	ST31H320 Rev 2	ID1 Card	1.5.3		VSDC 2.8.1f1	10, 18		N
Coregate Co. Ltd.	LBCORE2607A	COMET504 V1.0	16 Jan 2017	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1am2s	10, 18	10, 17, 18	N
Coregate Co. Ltd.	LBCORE2899A	COMET504 V2.0	09 Oct 2017	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
CPI Card Group-Colorado Inc.	LBCPIC03332A	CPI Secora Pay SLJ32PD D1 - Foil - v2.8.1G1	10 Aug 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
CPI Card Group-Colorado Inc.	LBCPIC03333A	CPI Secora Pay SLJ32PD D1 - PVC - v2.8.1G1	10 Aug 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
CPI Card Group-Colorado Inc.	LBCPIC03467A	CPI Cosmo Fly 6.0	20 Nov 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
CPI Card Group-Colorado Inc.	LBCPIC03536A	CPI_NXP P60 2.8.1G1	13 Feb 2019	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
CPI Card Group-Colorado Inc.	LBCPIC03576A	CPI_NXP P60 2.8.1G1_Foil	13 Feb 2019	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
CPI Card Group-Colorado Inc.	LBCPIC03638A	CPI Encased Metal v1.0	16 May 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
CPI Card Group-Colorado Inc.	LBCPIC03646A	Recovered Ocean Plastic	13 Mar 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
CPI Card Group-Colorado Inc.	LBCPIC03842A	CPI Multos ML4-P18 VSDC R5 - Holofoil	16 Aug 2019	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	Y
CPI Card Group-Colorado Inc.	LBCPIC03909A	CPI Kona 2350	03 Feb 2020	N	28 Oct 2028	Dual	S3D350A	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
CPI Card Group-Colorado Inc.	LBCPIC04099A	CPI NXP P71 v1.0	10 Mar 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
CPI Card Group-Colorado Inc.	LBCPIC04100A	CPI NXP P71 v1.0 - Foil	10 Mar 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
CPI Card Group-Colorado Inc.	LBCPIC04122A	Recovered Ocean Bound Plastic	08 May 2020	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	Y
CPI Card Group-Colorado Inc.	LBCPIC04147A	High Upcycled Content rPETG DI Gen1	27 Apr 2020	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
CPI Card Group-Colorado Inc.	LBCPIC04148A	Upcycled Content PVC DI Gen1	08 May 2020	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
CPI Card Group-Colorado Inc.	LBCPIC04149A	Upcycled ROBP DI Gen2	27 Apr 2020	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
CPI Card Group-Colorado Inc.	LBCPIC04171A	CPI Secora Pay VSDC 2.9.1 - IFX-4	09 Jun 2020	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
CPI Card Group-Colorado Inc.	LBCPIC04173A	High Upcycled Content rPETG DI Gen1 - VSDC 291	09 Jun 2020	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
CPI Card Group-Colorado Inc.	LBCPIC04232A	CPI Upcycled ROBP DI Gen3	03 Aug 2020	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
CPI Card Group-Colorado Inc.	LBCPIC04449A	CPI Upcycled ROBP DI Gen3 - P71	25 Mar 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
CPI Card Group-Colorado Inc.	LBCPIC04563A	CPI Reclaimed Ocean Bound Plastic - Full Body	18 Jun 2021	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
CPI Card Group-Colorado Inc.	LBCPIC04572A	CPI Upcycled ROBP Gen4	01 Jun 2021	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
CPI Card Group-Colorado Inc.	LBCPIC04753A	CPI DI Heavy Card with IFX5	17 Jun 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
CPI Card Group-Colorado Inc.	LBCPIC04783A	CPI IFX5 with High Upcycled Content rPETG	25 May 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
CPI Card Group-Colorado Inc.	LBCPIC04951A	CPI Second Wave ROBP 2.1	15 Mar 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
CPI Card Group-Colorado Inc.	LBCPIC04952A	CPI Second Wave ROBP 2.2	15 Mar 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
CPI Card Group-Colorado Inc.	LBCPIC05088A	CPI DI Heavy Card with LX-IFX5	20 Feb 2023	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
CPI Card Group-Colorado Inc.	LBCPIC2715A	CPI UBJ31-Z52R5 v1.0	06 Mar 2017	N	30 Apr 2025	Dual	ST31-K330A (SR31Z052)	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
CPI Card Group-Colorado Inc.	LBCPIC2909A	CPI UBJ31-Z52R5 Toppan V1.0	17 Jul 2017	N	30 Apr 2025	Dual	ST31-K330A (SR31Z052)	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
Dai Nippon Printing Co. Ltd	LBDNPN03222A	Px1 V1.0	12 Jul 2018	N	30 Mar 2029	Dual	N7021 320	ID1 Card	1.6.1	2.2	VSDC161Dual V1.0	10, 18, 22	10, 17, 18, 22	N
Dai Nippon Printing Co. Ltd	LBDNPN03223A	Px1 V1.0	12 Jul 2018	N	30 Mar 2029	Dual	N7021 320	ID1 Card	1.6.1	2.2	VSDC161Dual V1.0	10, 18, 22	10, 17, 18, 22	N
Dai Nippon Printing Co. Ltd	LBDNPN03451A	FS Sigma402V4	03 Dec 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [43h]/ H13	ID1 Card	1.5.4	2.1.2	FS Sigma payWave c-v1.7.0	10, 18	10, 17, 18	N
Dai Nippon Printing Co. Ltd	LBDNPN03597A	Dx5 Version 1.0.0	30 May 2019	N	22 Nov 2030	Contact	N7121 B1	ID1 Card	1.6.1		VSDC161 Version 1.0.0	10, 18, 22		N
Dai Nippon Printing Co. Ltd	LBDNPN03598A	Dx5 Version 1.0.0	30 May 2019	N	22 Nov 2030	Contact	N7121 B1	ID1 Card	1.6.1		VSDC161 Version 1.0.0	10, 18, 22		N
Dai Nippon Printing Co. Ltd	LBDNPN03686A	F403 V1.0	02 Jul 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Dai Nippon Printing Co. Ltd	LBDNPN04116A	F404V1 v1.0	15 Jun 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Dai Nippon Printing Co. Ltd	LBDNPN04163A	F404V1 v1.0	14 Jan 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Dai Nippon Printing Co. Ltd	LBDNPN04333B	Px2 V1.0.0	25 Aug 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC161Dual V1.0.0	10, 18, 22	10, 17, 18, 22	Y
Dai Nippon Printing Co. Ltd	LBDNPN04735A	STP_T1.5_DI V1.0	15 Feb 2022	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
Dai Nippon Printing Co. Ltd	LBDNPN04813A	Px2 V1.0.0 2EB	03 Mar 2022	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC161Dual V1.0.0	10, 18, 22	10, 17, 18, 22	Y
Dai Nippon Printing Co. Ltd	LBDNPN04839A	FEDJ3 V1.0.0	01 Apr 2022	N	22 Oct 2033	Dual	ST31N600	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Dai Nippon Printing Co. Ltd	LBDNPN04929A	F405V1 v1.0	18 Apr 2022	N	03 Apr 2032	Dual	IFX_ECL_2Fh[9h-Ch]	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Dai Nippon Printing Co. Ltd	LBDNPN05159A	F405V1 v1.0	27 Jan 2023	N	03 Apr 2032	Dual	IFX_ECL_2Fh[9h-Ch]	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Dai Nippon Printing Co. Ltd	LBDNPN05195A	KxCLST1	15 Dec 2022	N	06 Sep 2031	Dual	ST31P450MC	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Dai Nippon Printing Co. Ltd	LBDNPN05279A	KxCLSM1 v1.0 TT	17 Feb 2023	N	22 Jun 2032	Dual	S3D384C Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Dai Nippon Printing Co. Ltd	LBDNPN05370A	KxCLNX1 v1.0	20 Apr 2023	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Dai Nippon Printing Co. Ltd	LBDNPN05710A	F406V v1.0	10 Jun 2024	N	11 Aug 2035	Dual	S3D384E	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Dai Nippon Printing Co. Ltd	LBDNPN05730A	STP_T1.5_DI (6DF) V1.0	29 May 2024	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
Dai Nippon Printing Co. Ltd	LBDNPN05731A	Px3 V1.0.0	02 Sep 2024	N	30 Nov 2034	Dual	IFX_ECL_75h	ID1 Card	1.6.3	2.2.4	VSDC163Dual V1.0	10, 18, 22	10, 17, 18, 22	Y

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Dai Nippon Printing Co. Ltd	LBDNPN05805A	F406V v1.0	10 Jun 2024	N	11 Aug 2035	Dual	S3D384E	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Dai Nippon Printing Co. Ltd	LBDNPN2468B	Dx4 Version 1.0.1	16 Aug 2016	N	14 Feb 2026	Contact	P40C040 VE	ID1 Card	1.5.4		VSDC154, v1.0.1	10, 18		N
Dai Nippon Printing Co. Ltd	LBDNPN2469B	Dx4 Version 1.0.1	16 Aug 2016	N	14 Feb 2026	Contact	P40C040 VE	ID1 Card	1.5.4		VSDC154, v1.0.1	10, 18		N
DZ Card (Thailand) Ltd.	LBDZTH03024A	STPAY-IVORY v1.0	28 Nov 2017	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18	10, 17, 18	N
DZ Card (Thailand) Ltd.	LBDZTH03035A	dz card J3H NXP DI SPS	07 Feb 2018	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
DZ Card (Thailand) Ltd.	LBDZTH03059A	dz card Exolvo DI SPS 1.0	23 May 2018	N	19 Dec 2025	Dual	S3FT9MS	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
DZ Card (Thailand) Ltd.	LBDZTH03447A	dz card UBJ31-G28 SPS	23 Oct 2018	N	09 Dec 2028	Dual	IFX_ECL_Fh, H13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
DZ Card (Thailand) Ltd.	LBDZTH03450A	dz card Cosmo Fly 6.0 SPS	18 Dec 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
DZ Card (Thailand) Ltd.	LBDZTH03655B	DZ Card A-C-1902 , V1.0	29 Aug 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
DZ Card (Thailand) Ltd.	LBDZTH03690A	DZ Card C-C-1903 , v1.0	26 Apr 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
DZ Card (Thailand) Ltd.	LBDZTH03718A	DZ Card B-C-1905 v1.0	14 Aug 2019	N	09 Dec 2028	Dual	IFX_ECL_Fh, H13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
DZ Card (Thailand) Ltd.	LBDZTH03794A	DZ Card A-S-1904 v1.0	28 Feb 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
DZ Card (Thailand) Ltd.	LBDZTH04047A	DZ Card B-C-1906 V1.0	12 Mar 2020	N	09 Dec 2028	Dual	IFX_ECL_Fh, H13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
DZ Card (Thailand) Ltd.	LBDZTH04096A	DZ Card D-C-2001 V1.0	11 May 2020	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
DZ Card (Thailand) Ltd.	LBDZTH04395A	DZ Card B-C-2101 V1.0	13 Apr 2021	Y	28 Oct 2028	Dual	S3D350A, Rev 2	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
DZ Card (Thailand) Ltd.	LBDZTH04678A	DZ Card A-C-1902 , V1.0	27 Oct 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
DZ Card (Thailand) Ltd.	LBDZTH05633A	DZ V1/4x-J3Rxxx-2.9 1.0	10 May 2024	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
DZ Card (Thailand) Ltd.	LBDZTH05797A	DZ CARD ST 1.2	01 Jul 2024	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
DZ Card (Thailand) Ltd.	LBDZTH2851A	Exolvo 281f1-DDA DI 1.1	12 Jul 2017	N	19 Dec 2025	Dual	S3FT9MS	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
E-KART Elektronik Kart Sistemleri San. ve Tic. A.S.	LBEKRT03852A	V0/1x-J3Rxxx-2.8.1g1 2.0	21 Aug 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
E-KART Elektronik Kart Sistemleri San. ve Tic. A.S.	LBEKRT03853A	V0/4x-J3Rxxx-2.8.1g1 2.0	21 Aug 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
E-KART Elektronik Kart Sistemleri San. ve Tic. A.S.	LBEKRT03854A	V0/1x-J3Rxxx-2.9 2.0	21 Aug 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
E-KART Elektronik Kart Sistemleri San. ve Tic. A.S.	LBEKRT03975A	V1/1x-J3Rxxx-2.8.1g1 3.0	20 Nov 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
E-KART Elektronik Kart Sistemleri San. ve Tic. A.S.	LBEKRT04389A	SPS JCOP4 2.8.1.g1 1X DUAL6 4B219	27 Jan 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
E-KART Elektronik Kart Sistemleri San. ve Tic. A.S.	LBEKRT04429A	SPS JCOP4 2.8.1.g1 1X DUAL6 4B219F11	24 Feb 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
E-KART Elektronik Kart Sistemleri San. ve Tic. A.S.	LBEKRT04430A	SPS JCOP4 2.8.1.g1 1X DUAL6 4S257T	24 Feb 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
E-KART Elektronik Kart Sistemleri San. ve Tic. A.S.	LBEKRT05023A	XH Mirach Gamma 4.0 v1.0	12 Apr 2022	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Eastcompeace Technology Co., Ltd	LBEAST03319B	JCESSIGD V1.0	02 Sep 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [39h,3Eh]/H13 (SLC32PDL348, SLC32PDL268)	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Eastcompeace Technology Co., Ltd	LBEAST03370A	JCESS40D V4.0	16 Oct 2018	N	24 Apr 2027	Dual	ST31G480 Revision H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Eastcompeace Technology Co., Ltd	LBEAST03553B	JCESSIGD V2.0	02 Sep 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [39h,3Eh]/H13 (SLC32PDL348, SLC32PDL268)	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Eastcompeace Technology Co., Ltd	LBEAST03782A	JCESSSGC V1.0	01 Jul 2019	N	29 Mar 2025	Contact	S3FT9PE Rev0	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Eastcompeace Technology Co., Ltd	LBEAST03835A	JCESSSFD V1.0	27 Sep 2019	N	28 Oct 2028	Dual	S3D350A Rev.2	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
Eastcompeace Technology Co., Ltd	LBEAST03954A	JCESSIGC V1.0	11 Nov 2019	N	09 Dec 2028	Contact	IFX_ECL_12h [39h,3Eh]/H13 (SLC32PDL348, SLC32PDL268)	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
Eastcompeace Technology Co., Ltd	LBEAST03978A	JCESSIGD V3.0	12 Feb 2020	N	09 Dec 2028	Dual	IFX_ECL_12h [39h,3Eh]/H13 (SLC32PDL348, SLC32PDL268)	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Eastcompeace Technology Co., Ltd	LBEAST04051A	JCESSIGM V1.0	19 Jun 2020	N	09 Dec 2028	Contactless	IFX_ECL_12h [39h,3Eh]/H13 (SLC32PDL348, SLC32PDL268)	Mini Card		2.2	VSDC 2.9		10, 17, 18, 22	N
Eastcompeace Technology Co., Ltd	LBEAST04063A	JCESSIGD V2.1	18 May 2020	N	09 Dec 2028	Dual	IFX_ECL_12h [39h,3Eh]/H13 (SLC32PDL348, SLC32PDL268)	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
Eastcompeace Technology Co., Ltd	LBEAST04069A	JCESGFID V1.0	03 Jun 2020	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Eastcompeace Technology Co., Ltd	LBEAST04108A	JCESS40D V4.1	05 Oct 2020	N	24 Apr 2027	Dual	ST31G480 Revision H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Eastcompeace Technology Co., Ltd	LBEAST04254A	JCESDHD V1.0	21 Oct 2020	N	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Eastcompeace Technology Co., Ltd	LBEAST04269A	JCESFND V1.0	17 Nov 2020	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
Eastcompeace Technology Co., Ltd	LBEAST04598A	JCESFND V1.1	13 Aug 2021	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
Eastcompeace Technology Co., Ltd	LBEAST04692A	JCESFND V2.0	13 Dec 2021	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
Eastcompeace Technology Co., Ltd	LBEAST04741A	JCESS40D V5.0	13 Dec 2021	N	24 Apr 2027	Dual	ST31G480 Revision H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Eastcompeace Technology Co., Ltd	LBEAST04797A	JCESDHD V2.0	18 May 2022	N	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
Eastcompeace Technology Co., Ltd	LBEAST04852A	JCESIID V1.0	12 Apr 2022	N	03 Apr 2032	Dual	IFX_ECL_54h [0Ah]/S11 (SLC36PDL352)	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Eastcompeace Technology Co., Ltd	LBEAST2437A	JCESS40C V1.0	21 Sep 2016	N	13 Jul 2027	Contact	ST31H320 Rev. D	ID1 Card	1.5.3		VSDC 2.8.1f1	10, 18		N
Eastcompeace Technology Co., Ltd	LBEAST2659A	JCESS40C V2.0	01 Mar 2017	N	13 Jul 2027	Contact	ST31H320 Rev. D	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Eastcompeace Technology Co., Ltd	LBEAST2673A	JCESS40D V1.0	21 Mar 2017	N	24 Apr 2027	Dual	ST31G480 Revision H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Eastcompeace Technology Co., Ltd	LBEAST2728A	JCESG40D V1.0	21 Mar 2017	N	30 Apr 2025	Dual	ST31-K330A (SR31Z052)	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
Editora Alterosa Ltda.	LBALTE05488A	SECORA" Pay SLJ37P D1 VISA V2.8.1G1	22 Jan 2024	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Exceet Card Group	LBEXCT03071A	exceet SLJ 32PDLxxxX1	08 Feb 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch] H13	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Exceet Card Group	LBEXCT03338A	exceet SLJ 32PDxxxxX1 6-pin	24 Jul 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Exceet Card Group	LBEXCT03923A	exceet SLJ 32PDxxxxX8 6-pin	21 Oct 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
Exceet Card Group	LBEXCT04968A	Exceet SECORA" Pay X SLJ37P D1 VISA V2.9.2 NoNRG	23 May 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Exceet Card Group	LBEXCT04984A	exceet SECORA" Pay S SLJ37P D1 VISA V2.9.2	23 May 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Exceet Card Group	LBEXCT04985A	exceet SECORA" Pay X SLJ37P D1 VISA V2.9.2	23 May 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Exceet Card Group	LBEXCT05298A	exceet SECORA" Pay SLJ37P D1 VISA V2.9.2 Premium Wood	03 Jul 2023	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card (Wood)	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Exceet Card Group	LBEXCT05522A	exceet SLJ26P D1 VISA V2.9.2	10 Oct 2023	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Excelsecu Data Technology Co., Ltd	LBEXCE04014A	eSecuCard-B110T V1.0	17 Aug 2020	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card (Electronic Components)	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Federal Card Services, LLC	LBFCSL05662A	STPAY Sapphire-1-v3.0	25 Mar 2024	N	06 Sep 2031	Contact	ST31P450	ID1 Card (Metal)	1.5.4		VSDC 2.8.1g1	10, 18		Y
Feitian Technologies Co., Ltd.	LBFEIT03067B	FT_P6021J VB	07 Dec 2018	N	21 May 2027	Dual	P6021J VB	ID1 Card (dCVV2)	1.5.4	2.1.3	VIDI 1.0	10, 18	10, 17, 18	N
Feitian Technologies Co., Ltd.	LBFEIT03455A	FT-GD-Convego Join 4.80 DI V15-YD-Z10-T1	07 Feb 2019	N	24 Apr 2027	Dual	ST31G480	ID1 Card (dCVV2)	1.5.4	2.1.3	Convego Join V154-612	10, 18	10, 17, 18	N
Feitian Technologies Co., Ltd.	LBFEIT04553A	Secora Pay SLJ32PDE080X4	21 Jun 2021	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Feitian Technologies Co., Ltd.	LBFEIT05597A	SLJ26P D1 VISA V2.8.1G1	28 Dec 2023	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Feitian Technologies Co., Ltd.	LBFEIT05658A	FT-JCOS	30 Jan 2024	N	03 Feb 2034	Dual	THD89-F350A Rev.1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Fiserv Solutions, LLC	LBFISE03910A	FISERV SECORA"PAY S	30 Sep 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Giesecke+Devrient ePayments GmbH	LBGIDE03234A	G+D Prisma CP5 v3 VSDC Plus, v1	03 Jul 2018	N	24 Apr 2027	Dual	ST31G480 rev H	ID1 Card	1.6.1	2.2	VSDC Plus 1.2a	10, 18, 22	10, 17, 18, 22	N
Giesecke+Devrient ePayments GmbH	LBGIDE03235A	G+D Prisma CP5v3 EMV Plus, v1	03 Jul 2018	Y	24 Apr 2027	Dual	ST31G480 rev H	ID1 Card	1.5.4	2.1.3	EMV Plus 3.1d1	10, 18	10, 17, 18	N
Giesecke+Devrient ePayments GmbH	LBGIDE03689A	G+D Multos MC4-P18 VSDC R5 v2.0	09 Apr 2019	N	09 Dec 2028	Contact	M5171 - SLC32PCA version G13	ID1 Card	1.5.4		VSDC R5 v2.0	10, 18		Y
Giesecke+Devrient ePayments GmbH	LBGIDE03772A	Convego Air MT 01 V15-XD-N20	19 Jun 2019	N	09 Dec 2028	Contactless	IFX_ECL_12h [4Ch]	Micro-tag		2.1.3	VSDC 2.8.1g1		10, 17, 18	N
Giesecke+Devrient ePayments GmbH	LBGIDE03982A	Convego Join 5.80 FV0-MD-T10	25 Nov 2019	N	28 Oct 2028	Contact	S3D350A	ID1 Card	1.5.4		Convego Apply V154-320	10, 18		N
Giesecke+Devrient ePayments GmbH	LBGIDE04238A	G+D Secora Pay SLJ32PD D1 VSDC2.8.1G1	30 Oct 2020	N	09 Dec 2028	Dual	IFX_ECL_12h [5Ah]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Giesecke+Devrient ePayments GmbH	LBGIDE04460A	G+D VSDC R5 on ML4-P18 CoM v1.1	26 Mar 2021	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	Y

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Giesecke+ Devrient ePayments GmbH	LBGIDE04814A	G+D Prisma CP6.V v2	24 Jan 2022	N	06 Sep 2031	Dual	ST31P450 Rev C	ID1 Card	1.6.2	2.2.3	Vsdc+ 2.0 - 1.0	10, 18, 22	10, 17, 18, 22	Y
Giesecke+ Devrient ePayments GmbH	LBGIDE05317B	Convego join C.10 r3 vx	14 Feb 2024	N	06 Sep 2031	Dual	ST31P450 Rev C	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Giesecke+ Devrient ePayments GmbH	LBGIDE05318B	Convego Join C.10 r1 vx	14 Feb 2024	N	06 Sep 2031	Dual	ST31P450 Rev C	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Giesecke+ Devrient ePayments GmbH	LBGIDE05431A	Convego YOU 2.0 V163-OAF	04 Jul 2023	N	22 Oct 2033	Dual	ST31N600	ID1 Card (Biometric)	1.6.3	2.2.4	Convego Apply V163-240	10, 18, 22	10, 17, 18, 22	Y
Giesecke+ Devrient ePayments GmbH	LBGIDE05434B	Convego join C.10 r0 vx	11 Dec 2023	N	06 Sep 2031	Dual	ST31P450 Rev C	ID1 Card	1.6.3	2.2.4	Convego Apply V163-250	10, 18, 22	10, 17, 18, 22	Y
Giesecke+ Devrient ePayments GmbH	LBGIDE05759A	Convego Join C.10 r4 vx	28 Jun 2024	N	06 Sep 2031	Dual	ST31P450 Rev C	ID1 Card	1.6.3	2.2.4	Convego Apply V163-310	10, 18, 22	10, 17, 18, 22	Y
Giesecke+ Devrient ePayments GmbH	LBGIDE2414A	CE 7.1 V15-08D-050 (T=1)	23 Sep 2016	N	14 Feb 2026	Contact	P40C040	ID1 Card	1.5.4		VSDC 1.5.4	10, 18		N
Giesecke+ Devrient ePayments GmbH	LBGIDE2420A	CE 7.1 I00-08D-041	23 Sep 2016	N	14 Feb 2026	Contact	P40C040	ID1 Card	1.5.4		VSDC 1.5.4	10, 18		N
Giesecke+ Devrient ePayments GmbH	LBGIDE2421A	CE 7.1 I00-08S-021	26 Sep 2016	N	14 Feb 2026	Contact	P40C040	ID1 Card	1.5.4		VSDC 1.5.4	10, 18		N
Giesecke+ Devrient ePayments GmbH	LBGIDE2667A	CE 7.2 V15-SS-T10	06 Feb 2017	N	22 Jan 2028	Contact	M5074 G11 (SLE77CF1204P)	ID1 Card	1.5.4		VISA 1.5.4	10, 18		N
Giesecke+ Devrient ePayments GmbH	LBGIDE2905B	Convego Join 4.80 DI V16-YD-Z20-T1	21 Feb 2019	N	24 Apr 2027	Dual	ST31G480	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Giesecke+ Devrient ePayments GmbH	LBVALI03003A	VALID-STPAY-Ivory- VSDC2.9-M4	14 Nov 2017	N	24 Apr 2027	Dual	ST31G480 Rev. H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18	10, 17, 18	N
Giesecke+ Devrient ePayments GmbH	LBVALI03358A	VALIDUSAV1-J3HOXX-MVA3-2.1-281g1 M3 PVC	08 Oct 2018	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Giesecke+ Devrient ePayments GmbH	LBVALI03382A	VALIDUSA- IFX-VSDC2.8.1g1- Holofoil- M3	24 Aug 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Giesecke+ Devrient ePayments GmbH	LBVALI03383A	VALIDUSA-IFX-VSDC2.8.1G1-PVC- M3	24 Aug 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N

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Giesecke+ Devrient ePayments GmbH	LBVALI03384A	VALID USA - IFX-VSDC2.8.1G1 - PVC - M4	24 Aug 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Giesecke+ Devrient ePayments GmbH	LBVALI03413A	VALIDUSAV1-J3HOXX-MVA3-2.1-281g1 M3-holofoil- premium	19 Oct 2018	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Giesecke+ Devrient ePayments GmbH	LBVALI03481A	VALID USA-SecoraPayTC-VSDC2.8.1G1-HoloFoil - M3/M4	07 Dec 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [5Ah]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Giesecke+ Devrient ePayments GmbH	LBVALI03486A	VALID USA-SecoraPayTC-VSDC2.8.1G1-PVC - M3/M4	10 Dec 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [5Ah]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Giesecke+ Devrient ePayments GmbH	LBVALI03579A	Valid Cosmo Fly 6.0- 4x -sps	01 Feb 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
Giesecke+ Devrient ePayments GmbH	LBVALI03580A	Valid Cosmo Fly 6.0 1x-sps	01 Feb 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Giesecke+ Devrient ePayments GmbH	LBVALI03642A	VALIDUSA-NXPP71-TeConnect-M3/M4-VSDC281g1-PVC	12 Mar 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Giesecke+ Devrient ePayments GmbH	LBVALI03656A	VALIDUSA-NXPP71-TeConnect-M3/M4-VSDC281g1-Holofoil	28 May 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Giesecke+ Devrient ePayments GmbH	LBVALI04011A	ValidUSA-NXPP71-SPS-M3- foil	03 Jan 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Giesecke+ Devrient ePayments GmbH	LBVALI04012A	ValidUSA-NXPP71-SPS-M3- Nonfoil	03 Jan 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Giesecke+ Devrient ePayments GmbH	LBVALI04097A	VALID-SPS-COSMOFLY6.0-1X foil	19 May 2020	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Giesecke+ Devrient ePayments GmbH	LBVALI04098A	VALID-SPS-COSMOFLY6.0-4x -foil	19 May 2020	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
Giesecke+ Devrient ePayments GmbH	LBVALI04164A	ValidUSA-ST-Topaz-1 v1.0 non foil	23 Apr 2020	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Giesecke+ Devrient ePayments GmbH	LBVALI04165A	ValidUSA-AdvantisJpay-Trio-TeC- non foil	23 Apr 2020	N	24 Apr 2027	Dual	ST31G480	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N

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Giesecke+ Devrient ePayments GmbH	LBVALI04170A	ValidUSA-STPAYTiger1.3S PS	18 May 2020	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Giesecke+ Devrient ePayments GmbH	LBVALI04206A	Valid -SPS-COSMOFLY6.0-1X (GEN4)	23 Oct 2020	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Giesecke+ Devrient ePayments GmbH	LBVALI04207A	Valid -SPS-COSMOFLY6.0-4x (GEN4)	06 Nov 2020	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
Goldpac Limited	LBGPC02989A	Goldpay A7 v3.8	04 Dec 2017	N	22 Mar 2028	Dual	THD88/M2064 Rev.0.1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18	N
Goldpac Limited	LBGPC03111A	Goldpay A7 v3.8	14 Mar 2018	N	20 Mar 2028	Contact	THD88/M2064 Rev.0.1	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
Goldpac Limited	LBGPC03219A	Goldpay A7 v3.D	04 Apr 2018	N	09 Dec 2028	Contact	IFX_ECL_12h [39h]/H13 (SLC32PDL348)	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
Goldpac Limited	LBGPC03280A	Goldpay A7 v3.8	10 Sep 2018	N	22 Mar 2028	Dual	THD88/M2064 Rev.0.1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Goldpac Limited	LBGPC03410A	Goldpay A7 v3.0	09 Jan 2019	N	05 Mar 2030	Dual	THD89 Rev.1.0	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Goldpac Limited	LBGPC03594A	Goldpay A7 v3.0	22 Feb 2019	N	05 Mar 2030	Contact	THD89 Rev.1.0	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
Goldpac Limited	LBGPC03807A	Goldpay A7 v3.0	30 Jan 2020	N	05 Mar 2030	Dual	THD89 Rev.1.0	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Goldpac Limited	LBGPC04058A	Goldpay A7-embedded metal v3.0	26 Jun 2020	N	05 Mar 2030	Dual	THD89 Rev.1.0	ID1 Card (Metal)	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Goldpac Limited	LBGPC04582A	Goldpay A7 V4.0	27 Aug 2021	N	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Goldpac Limited	LBGPC04649A	Goldpay A7 V4.0.1	18 Oct 2021	N	12 Mar 2032	Dual	CIU9872B_01	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Goldpac Limited	LBGPC05790A	Goldpay A7 V3.0	04 Oct 2024	N	03 Feb 2034	Dual	THD89-F350A Rev.1.1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
Goldpac Limited	LBGPC05800A	Goldpay A7 V3.0	31 Oct 2024	N	03 Feb 2034	Dual	THD89-F350A Rev.1.1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Goldpac Limited	LBGPC05992A	Goldpay A7 V3.0	31 Oct 2024	N	03 Feb 2034	Contact	THD89-F350A Rev.1.1	ID1 Card	1.6.3		VSDC 2.9.2	10, 18, 22		N
Gravity Group Ind. L.L.C.	LBENFP2774A	FC-Pay GP DDA	08 Mar 2017	N	13 Jul 2027	Contact	ST31H320	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Gravity Group Ind. L.L.C.	LBENFP2884A	FC-Pay Advantis JCrypto GP DUAL	19 Jun 2017	N	30 Apr 2025	Dual	SR31ZD22 (ST31-K330A)	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
Gravity Group Ind. L.L.C.	LBENFP2890A	FC-Pay GP DUAL v2	24 Jul 2017	N	30 Apr 2025	Dual	ST31-K330A (SR31Z052)	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
Gravity Group Ind. L.L.C.	LBFCIN03027A	FC-Pay Prisma CP5v1	19 Mar 2018	N	24 Apr 2027	Dual	ST31G480 rev H	ID1 Card	1.5.4	2.1.3	EMV Plus 3.1c	10, 18	10, 17, 18	N
Gravity Group Ind. L.L.C.	LBFCIN03471A	FC-Pay GP Dual v3	02 Jan 2019	N	09 Dec 2028	Dual	IFX_ECL_Fh, H13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Gravity Group Ind. L.L.C.	LBFCIN04798A	STPAY Topaz-1 v2.0	10 Dec 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
Gravity Group Ind. L.L.C.	LBGGIN04896A	TFC-Pay GP DUAL-STPAY TOPAZ	13 Apr 2022	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y

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Gravity Group Ind. L.L.C.	LBGGIN04897A	TFC-Pay GP DUAL-ADVANTIS TRIO PLUS	13 Apr 2022	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	Advantis VISA Applet v1	10, 18	10, 17, 18	N
Gravity Group Ind. L.L.C.	LBGGIN05081A	TGL-Pay GP DUAL-UBJ31-G33	25 Aug 2022	N	22 Jun 2032	Dual	S3D384C, Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Gravity Group Ind. L.L.C.	LBGGIN05135A	ToPay GP DUAL - STPay TOPAZ	24 Feb 2023	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
Gravity Group Ind. L.L.C.	LBGGIN05157A	ToPay GP DUAL - SECORA* Pay SLJ37P_SA	24 Nov 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Gravity Group Ind. L.L.C.	LBGGIN05196A	ToPay GP DUAL - SECORA* Pay SLJ37P_SB	24 Nov 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Gravity Group Ind. L.L.C.	LBGGIN05197A	ToPay GP DUAL - SECORA* Pay SLJ37P_XA	24 Nov 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Gravity Group Ind. L.L.C.	LBGGIN05209A	ToPay GP DUAL - FT_JCOS THD89	03 Mar 2023	N	03 Feb 2034	Dual	THD89-F350A Rev.1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Gravity Group Ind. L.L.C.	LBGGIN05307A	ToPay GP DUAL - NXP JCOP4 P71	08 May 2023	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Gravity Group Ind. L.L.C.	LBGGIN05768A	ToPay GP DUAL - SECORA* Pay SLJ26P_SA	05 Jun 2024	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Gravity Group Ind. L.L.C.	LBGGIN05781A	ToPay GP DUAL - SECORA* Pay SLJ26P_XA	05 Jun 2024	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Gravity Group Ind. L.L.C.	LBGGIN05812A	TGL-Pay GP DUAL-UBJ31-G33 SD	02 Oct 2024	N	22 Jun 2032	Dual	S3D384C, Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Hengbao Co. Ltd.	LBHENG03158A	UranusMVP-Multi V2.2	21 Jun 2018	N	09 Dec 2028	Dual	IFX_ECL_Fh[1h-4h]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Hengbao Co. Ltd.	LBHENG03210A	UranusMVP-Multi V2.3	01 Nov 2018	N	09 Dec 2028	Dual	IFX_ECL_Fh[1h-4h]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Hengbao Co. Ltd.	LBHENG03709A	UranusMVP-Multi V2.5	10 Sep 2019	N	21 Nov 2028	Dual	CIU9872B_01 C11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Hengbao Co. Ltd.	LBHENG04242A	UranusMVP-Multi V2.8	10 Nov 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Hengbao Co. Ltd.	LBHENG04316A	UranusMVP-Multi V2.7	03 Feb 2021	N	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
Hengbao Co. Ltd.	LBHENG04710B	UranusMVP-Multi V2.10	06 Sep 2022	N	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Hengbao Co. Ltd.	LBHENG05148A	UranusMVP-Multi V2.12	16 Dec 2022	N	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Hengbao Co. Ltd.	LBHENG05218A	UranusMVP-Multi V2.14	03 Mar 2023	N	03 Feb 2034	Dual	THD89-F350A Rev.1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Hengbao Co. Ltd.	LBHENG2863B	UranusMVP-Multi V2.0	30 Jan 2018	N	09 Dec 2028	Dual	IFX_ECL_Fh[1h-4h]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18	N
Hongbo Co., Ltd.	LBHONG03843A	HBJPCOS V2.1	28 Nov 2019	N	09 Dec 2028	Dual	IFX_ECL_Fh, H13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Idemia France	LBIDEM03386B	Solvo Fly 10	28 Jan 2019	N	28 Oct 2028	Dual	S3D350A / Rev2	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Idemia France	LBIDEM03392B	Solvo Fly 10	28 Jan 2019	N	28 Oct 2028	Dual	S3D350A / Rev2	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Idemia France	LBIDEM03393B	Solvo Fly 10	28 Jan 2019	N	28 Oct 2028	Dual	S3D350A / Rev2	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Idemia France	LBIDEM03398A	Cosmo Fly v6.0 / SmartPrime	02 Oct 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Idemia France	LBIDEM03400A	Cosmo Fly v6.0 / SmartReflect	01 Oct 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Idemia France	LBIDEM03404A	Cosmo Fly v6.0 / SmartReflect	01 Oct 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Idemia France	LBIDEM03417B	Solvo Fly 10	28 Jan 2019	N	28 Oct 2028	Dual	S3D350A / Rev2	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
Idemia France	LBIDEM03418B	Solvo Fly 10	30 Jan 2019	N	28 Oct 2028	Dual	S3D350A / Rev2	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
Idemia France	LBIDEM03419B	Solvo Fly 10	30 Jan 2019	N	28 Oct 2028	Dual	S3D350A / Rev2	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Idemia France	LBIDEM03421A	Cosmo Fly v6.0 / SmartPrime	02 Oct 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
Idemia France	LBIDEM03422A	Cosmo Fly v6.0 / SmartPrime	25 Oct 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Idemia France	LBIDEM03423A	Cosmo Fly v6.0 / SmartPrime	02 Oct 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Idemia France	LBIDEM03432A	SECORA(TM) Pay Fly v1.0	25 Oct 2018	N	09 Dec 2028	Dual	IFX_ECI_12h [5Ah]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Idemia France	LBIDEM03433A	Cosmo Fly v6.0 / SmartPrime	18 Oct 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
Idemia France	LBIDEM03520A	Cosmo Fly v6.0	19 Jun 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
Idemia France	LBIDEM03527A	Solvo Fly 10	19 Feb 2019	N	28 Oct 2028	Dual	S3D350A / Rev2	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
Idemia France	LBIDEM03558A	Cosmo Fly v6.0 / SmartReflect	22 Apr 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Idemia France	LBIDEM03559A	Cosmo Fly v6.0 / SmartReflect	22 Apr 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Idemia France	LBIDEM03560A	Cosmo Fly v6.0	24 Jan 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Idemia France	LBIDEM03574A	Cosmo Fly v6.0	25 Feb 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
Idemia France	LBIDEM03575A	Cosmo Fly v6.0	25 Feb 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Idemia France	LBIDEM03583A	Cosmo Fly v6.0	25 Feb 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
Idemia France	LBIDEM03584A	Cosmo Fly v6.0 / SmartReflect	22 Apr 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
Idemia France	LBIDEM03585A	Cosmo Fly v6.0 / SmartReflect	24 Apr 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
Idemia France	LBIDEM03949A	Cosmo Fly v6.0 SPS Foil	20 Jan 2020	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Idemia France	LBIDEM03973A	Cosmo Fly v6.0 SPS Foil	20 Jan 2020	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
Idemia France	LBIDEM04538A	Smart Prime Foil DI	02 Jul 2021	Y	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Idemia France	LBOBER02948A	Cosmo Fly v6.0	27 Oct 2017	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Idemia France	LBOBER02948D	Cosmo Fly v6.0	26 Mar 2021	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Idemia France	LBOBER02951A	Cosmo Fly v6.0	01 Dec 2017	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Idemia France	LBOBER02991A	Cosmo Fly v6.0	30 Oct 2017	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
Idemia France	LBOBER02993A	Cosmo Fly v6.0	06 Nov 2017	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Idemia France	LBOBER03005A	Cosmo Fly v6.0	14 May 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18	10, 17, 18	N
Idemia France	LBOBER03009A	Cosmo Fly v6.0	27 Oct 2017	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18	10, 17, 18	N
Idemia France	LBOBER03010A	Cosmo Fly v6.0	13 Nov 2017	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
Idemia France	LBOBER03038B	Cosmo RSA V6.0	18 Apr 2018	N	30 Jan 2029	Contact	SLC32PCA300 / G13	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Idemia France	LBOBER03043B	Cosmo RSA V6.0	18 Apr 2018	N	30 Jan 2029	Contact	SLC32PCA300 / G13	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		Y
Idemia France	LBOBER03045B	Cosmo RSA V6.0	18 Apr 2018	N	30 Jan 2029	Contact	SLC32PCA300 / G13	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Idemia France	LBOBER03046B	Cosmo RSA V6.0	18 Apr 2018	N	30 Jan 2029	Contact	SLC32PCA300 / G13	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		Y
Idemia France	LBOBER03053A	Cosmo v6.0	21 Nov 2017	N	09 Dec 2028	Contact	SLC32PDL348 / h13	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Idemia France	LBOBER03057A	Cosmo v6.0	21 Nov 2017	N	09 Dec 2028	Contact	SLC32PDL348 / h13	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Idemia France	LBOBER03088A	Cosmo v6.0	14 Dec 2017	N	09 Dec 2028	Contact	SLC32PDL348 / h13	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
Idemia France	LBOBER03089A	Cosmo v6.0	14 Dec 2017	N	09 Dec 2028	Contact	SLC32PDL348 / h13	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
Idemia France	LBOBER03285A	Cosmo Fly v6.0	09 Aug 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Idemia France	LBOBER03286A	Cosmo Fly v6.0	09 Aug 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
Idemia France	LBOBER03287A	Cosmo Fly v6.0	20 Aug 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Idemia France	LBOBER03288A	Cosmo Fly v6.0	20 Aug 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
Idemia France	LBOBER03289A	Cosmo Fly v6.0	29 Aug 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Idemia France	LBOBER03290A	Cosmo Fly v6.0	29 Aug 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Idemia France	LBOBER2516A	Cosmo S v6.1	25 Aug 2016	N	30 Apr 2026	Contact	S3FT9FA / rev 0	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Idemia France	LBOBER2631A	Cosmo S v6.1	15 Dec 2016	N	30 Apr 2026	Contact	S3FT9FA Rev.0	ID1 Card	1.5.3		VSDC 2.8.1am2s	10, 18		N
Idemia France	LBOBER2891A	Cosmo RSA V6.0	10 Aug 2017	N	30 Jan 2029	Contact	SLC32PCA300 / G13	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Idemia France	LBOBER2892A	Cosmo RSA V6.0	10 Aug 2017	N	30 Jan 2029	Contact	SLC32PCA300 / G13	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
Idemia France	LBOBER2893A	Cosmo RSA V6.0	10 Aug 2017	N	30 Jan 2029	Contact	SLC32PCA300 / G13	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Idemia France	LBOBER2894A	Cosmo RSA V6.0	16 Aug 2017	N	30 Jan 2029	Contact	SLC32PCA300 / G13	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
IDEX Biometrics	LBIDEX05856A	IDX3602-02 v1.0	26 Aug 2024	Y	03 Apr 2032	Dual	IFX_ECI_5Eh (0x07) S11	ID1 Card (Biometric)	1.6.3	2.2.4	VSDC 2.9.2 CFS Build 240229	10, 18, 22	10, 17, 18, 22	Y
Infineon Technologies AG	LBINF102958C	SECORA" Pay SLJ32PC C1 VISA V2.8.1G	21 Jun 2018	N	30 Jan 2029	Contact	IFX_ECI_1Bh [03h]	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Infineon Technologies AG	LBINFI02959C	SECORA" Pay SLJ32PC C1 VISA V2.9	21 Jun 2018	N	30 Jan 2029	Contact	IFX_ECL_1Bh [03h]	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
Infineon Technologies AG	LBINFI03119C	SECORA" Pay SLJ32PD D1 VISA V2.9	11 Mar 2021	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Infineon Technologies AG	LBINFI03218B	SECORA" Pay SLJ32PD D1 VISA V2.9	13 Feb 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Infineon Technologies AG	LBINFI03269B	SECORA" Pay SLJ32PD D1 VISA V2.8.1G1	13 Feb 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Infineon Technologies AG	LBINFI03270E	SECORA" Pay SLJ32PD D1 VISA V2.8.1G1	02 Sep 2021	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Infineon Technologies AG	LBINFI03271A	SECORA" Pay SLJ32PD D1 VISA V2.8.1G1	20 Jul 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Infineon Technologies AG	LBINFI03430A	SECORA" Pay SLJ32PC C1 VISA V2.8.1G1	21 Jan 2019	N	30 Jan 2029	Contact	IFX_ECL_1Bh [03h]	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		N
Infineon Technologies AG	LBINFI03722A	SECORA" Pay SLJ32PD D1 VISA V2.9.1	13 Sep 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
Infineon Technologies AG	LBINFI03724A	SECORA" Pay SLJ32PD D1 VISA V2.9.1	13 Sep 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
Infineon Technologies AG	LBINFI04417B	SECORA" Pay SLJ37P D1 VISA V2.8.1G1	22 Sep 2021	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Infineon Technologies AG	LBINFI04549C	SECORA" Pay SLJ37P D1 VISA V2.9.2	08 Aug 2024	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Infineon Technologies AG	LBINFI04555A	SECORA" Pay SLJ37P D1 VISA V2.9.2	04 Oct 2021	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Infineon Technologies AG	LBINFI04615A	SECORA" Pay SLJ37P CL1 VISA V2.9.2	15 Feb 2022	N	03 Apr 2032	Contactless	IFX_ECL_4Ah (0x0C) T11	Micro-tag		2.2.4	VSDC 2.9.2		10, 17, 18, 22	N
Infineon Technologies AG	LBINFI04771A	SECORA" Pay SLJ37PC C1 VISA V2.8.1G1 PVC	24 Nov 2021	N	03 Apr 2032	Contact	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		Y
Infineon Technologies AG	LBINFI04772A	SECORA" Pay SLJ37PC C1 VISA V2.9.2 PVC	24 Nov 2021	N	03 Apr 2032	Contact	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3		VSDC 2.9.2	10, 18, 22		Y
Infineon Technologies AG	LBINFI04829A	SECORA" Pay SLJ37P CL1 VISA V2.8.1G1	15 Feb 2022	N	03 Apr 2032	Contactless	IFX_ECL_4Ah (0x0C) T11	Micro-tag		2.1.3	VSDC 2.8.1g1		10, 17, 18	N
Infineon Technologies AG	LBINFI04900A	SECORA(TM) Pay SLJ3737P C1 VISA V2.9.2	28 Jan 2022	N	03 Apr 2032	Contact	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3		VSDC 2.9.2	10, 18, 22		Y
Infineon Technologies AG	LBINFI04901A	SECORA" Pay SLJ37P C1 VISA V2.8.1G1	28 Jan 2022	N	03 Apr 2032	Contact	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		Y

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Infinion Technologies AG	LBINFI05102B	SECORA(TM) Pay SLJ37P D1 VISA V2.8.1G1 LED	18 Oct 2023	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card (Electronic Components)	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Infinion Technologies AG	LBINFI05202A	SLJ26P D1 VISA V2.8.1G1	20 Feb 2023	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Infinion Technologies AG	LBINFI05237B	SLJ26P D1 VISA V2.9.2	05 Aug 2024	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Infinion Technologies AG	LBINFI05367A	SLJ26P D1 VISA V2.8.1G1	08 May 2023	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Infinion Technologies AG	LBINFI05384A	SLJ26P D1 VISA V2.8.1G1 Holofoil	07 Jun 2023	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Infinion Technologies AG	LBINFI05385A	SLJ26P D1 VISA V2.9.2 Holofoil	07 Jun 2023	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Infinion Technologies AG	LBINFI05540A	SECORA(TM) Pay SLJ37P D1 VISA V2.9.2 LED	11 Dec 2023	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card (Electronic Components)	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Infinion Technologies AG	LBINFI05598A	SECORA(TM) Pay SLJ37P D1 VISA V2.9.2 CoM10.8	08 Feb 2024	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Infinion Technologies AG	LBINFI05599A	SLJ26P D1 VISA V2.9.2 LED	10 May 2024	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card (Electronic Components)	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Infinion Technologies AG	LBINFI05671A	SLJ26P D1 VISA V2.8.1G1 LED	15 May 2024	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card (Electronic Components)	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Infinion Technologies AG	LBINFI05751A	SLJ26P C1 VISA V2.8.1G1	02 May 2024	N	30 Nov 2034	Contact	IFX_ECL_75h (0x1A) H11	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		Y
Infinion Technologies AG	LBINFI05941A	SLJ39B D1 VBOC BCoM	08 Nov 2024	N	22 Mar 2035	Dual	IFX_ECL_6Eh (0x09) S12	ID1 Card (Biometric)	1.6.3	2.2.4	SLJ39B D1 VBOC v01.00.00002	10, 18, 22	10, 17, 18, 22	Y
Infinion Technologies AG	LBINFI2877C	SECORA" Pay SLJ32PD D1 VISA V2.9	13 Jul 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
IntelCav Technologies e Cartoes S.A.	LBICLX05333A	IntelCav 100% rPVC Dual Interface	15 Nov 2023	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Jing King Technology Holdings Ltd	LBJING03082A	VS-ST31H320-V1.1-JingKing-UBJ V1.0	11 Jan 2018	N	13 Jul 2027	Contact	ST31H320 Revision D	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Jing King Technology Holdings Ltd	LBJING03375A	S3FT9PE-JingKing-CT V1.0	09 Aug 2018	N	29 Mar 2025	Contact	S3FT9PE Rev0	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Jing King Technology Holdings Ltd	LBJING03431A	VS-JINGKING-S3FT9MG-DI V1.0	11 Dec 2018	N	02 Jul 2027	Dual	S3FT9MG	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Jing King Technology Holdings Ltd	LBJING2558A	VS-Vaild-JingKing-DI-V3.0	10 Mar 2017	N	19 Dec 2025	Dual	S3FT9MS	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
JSC Novacard	LBJSCN03442A	NovaCard Cosmo Fly v6.0 VSDC2.8.1G T0 MF DIA 42	10 Jan 2019	N	09 Dec 2028	Dual	SLC32PDL348/h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
JSC Novacard	LBJSCN03881A	NovaCard Cosmo Fly v6.0 VSDC2.8.1G T0 MF DIA 60	06 Sep 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
JSC Novacard	LBJSCN04157A	Solvo Fly 10	18 Jun 2020	N	28 Oct 2028	Dual	S3D350A / Rev2	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
JSC Novacard	LBJSCN04158A	Solvo Fly 10	18 Jun 2020	N	28 Oct 2028	Dual	S3D350A / Rev2	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
JSC Novacard	LBJSCN04176A	NovaCard JCESSIGD V2.0 VSDC29	08 Mar 2021	N	09 Dec 2028	Dual	IFX_ECL_12h [39h,3Eh]/H13 (SLC32PDL348, SLC32PDL268)	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
JSC Novacard	LBJSCN04639A	Solvo Fly 4L VSDC281G1 T0 DIA 60	29 Oct 2021	N	03 Apr 2032	Dual	SLC36PDL352 / s11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
KL Hi-Tech Secure Print Limited	LBKLHT03596A	KL Card UBIXEN DI 1.0	12 Feb 2019	N	28 Oct 2028	Dual	S3D350A, Rev 2	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
KL Hi-Tech Secure Print Limited	LBKLHT05037A	KL CARD WCT DI	17 May 2022	N	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
KONA I Co., Ltd.	LBKONA03013A	KONA2 D1040	25 Sep 2017	N	10 Jan 2025	Dual	P60D040 MVC	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
KONA I Co., Ltd.	LBKONA03025A	KONA2 D1080	01 Nov 2017	N	10 Jan 2025	Contactless	P60D080 MVC	Adhesive Micro Tag (Sticker)		2.1.1	VSDC 2.8.1f1		10, 17, 18	N
KONA I Co., Ltd.	LBKONA03033A	KONA2 D2420	22 Nov 2017	N	02 Jul 2027	Dual	S3FT9MV	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
KONA I Co., Ltd.	LBKONA03041A	KONA2 C2140S	09 Jan 2018	N	28 Oct 2028	Contact	S3K140 Rev 0	ID1 Card	1.5.3		VSDC 2.8.1f1	10, 18		Y
KONA I Co., Ltd.	LBKONA03185A	KONA2 D2320	03 Jul 2018	N	02 Jul 2027	Dual	S3FT9MG	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
KONA I Co., Ltd.	LBKONA03188A	KONA2 D2320	24 Jul 2018	N	02 Jul 2027	Dual	S3FT9MG	ID1 Card	1.5.3	2.1.3	VSDC 2.8.1f1	10, 18	10, 17, 18	N
KONA I Co., Ltd.	LBKONA03372A	KONA2 D2350	09 Nov 2018	N	28 Oct 2028	Dual	S3D350A	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
KONA I Co., Ltd.	LBKONA03373A	KONA2 D2350	09 Nov 2018	N	28 Oct 2028	Dual	S3D350A	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA03426A	KONA2 D1025 v1.0	03 Dec 2018	N	21 May 2027	Dual	P60D081 yVB	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
KONA I Co., Ltd.	LBKONA03459A	KONA2 C2300 v1.0	09 Nov 2018	N	28 Oct 2028	Contact	S3D350A	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		Y
KONA I Co., Ltd.	LBKONA03460A	KONA2 C2300 v1.0	09 Nov 2018	N	28 Oct 2028	Contact	S3D350A	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		Y
KONA I Co., Ltd.	LBKONA03504A	KONA2 D4268S	24 Jan 2019	N	09 Dec 2028	Dual	IFX_ECL_Fh[1h-4h]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
KONA I Co., Ltd.	LBKONA03526A	KONA2 C2170S	07 Mar 2019	N	28 Oct 2028	Contact	S3K170A Rev0	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		Y
KONA I Co., Ltd.	LBKONA03592A	KONA2 D1321	10 May 2019	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA03593A	KONA2 D1321	16 May 2019	N	22 Nov 2030	Dual	N7121	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
KONA I Co., Ltd.	LBKONA03651A	KONA2 D2350	28 Jun 2019	N	28 Oct 2028	Dual	S3D350A	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
KONA I Co., Ltd.	LBKONA03652A	KONA2 D2320	28 Jun 2019	N	02 Jul 2027	Dual	S3FT9MG	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
KONA I Co., Ltd.	LBKONA03717A	KONA2 D1321 Half Metal	03 Jul 2019	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA03841A	KONA2 D1321	10 Sep 2019	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA03850A	KONA2 D2350	16 Sep 2019	N	28 Oct 2028	Dual	S3D350A	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA03851A	KONA2 C2300	16 Sep 2019	N	28 Oct 2028	Contact	S3D350A	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		Y
KONA I Co., Ltd.	LBKONA03983A	KONA2 D2350	16 Dec 2019	N	28 Oct 2028	Dual	S3D350A	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
KONA I Co., Ltd.	LBKONA03984A	KONA2 D1321	16 Dec 2019	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
KONA I Co., Ltd.	LBKONA04044A	KONA2 C2201S	24 Feb 2020	N	12 Nov 2031	Contact	S3K200B	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		Y
KONA I Co., Ltd.	LBKONA04045A	KONA2 C2201S	24 Feb 2020	N	12 Nov 2031	Contact	S3K200B	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
KONA I Co., Ltd.	LBKONA04064A	KONA2 C2201S	02 Mar 2020	N	12 Nov 2031	Contact	S3K200B	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		Y
KONA I Co., Ltd.	LBKONA04065A	KONA2 C2201S	02 Mar 2020	N	12 Nov 2031	Contact	S3K200B	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		N
KONA I Co., Ltd.	LBKONA04066A	KONA2 D1321	24 Feb 2020	N	22 Nov 2030	Dual	N7121	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
KONA I Co., Ltd.	LBKONA04083A	KONA2 C2201S	19 Mar 2020	N	12 Nov 2031	Contact	S3K200B	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
KONA I Co., Ltd.	LBKONA04084A	KONA2 C2201S	31 Mar 2020	N	12 Nov 2031	Contact	S3K200B	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
KONA I Co., Ltd.	LBKONA04151A	KONA2 D2350	03 Jun 2020	Y	28 Oct 2028	Dual	S3D350A	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
KONA I Co., Ltd.	LBKONA04155A	KONA2 C2200S	23 Apr 2020	N	29 Mar 2025	Contact	S3FT9PE Rev0	ID1 Card (Metal)	1.5.4		VSDC 2.8.1g	10, 18		N
KONA I Co., Ltd.	LBKONA04193A	KONA2 D1321	12 Jun 2020	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
KONA I Co., Ltd.	LBKONA04195A	KONA2 D2350	12 Jun 2020	N	28 Oct 2028	Dual	S3D350A	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
KONA I Co., Ltd.	LBKONA04204A	KONA2 D2350	04 Sep 2020	N	28 Oct 2028	Dual	S3D350A	ID1 Card (Wood)	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
KONA I Co., Ltd.	LBKONA04246A	KONA2 C2200S v1.0	09 Sep 2020	N	29 Mar 2025	Contact	S3FT9PE Rev0	ID1 Card (Metal)	1.5.4		VSDC 2.8.1g	10, 18		N
KONA I Co., Ltd.	LBKONA04264A	KONA2 D5450	22 Dec 2020	N	06 Sep 2031	Dual	ST31P450MC	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA04265A	KONA2 D5450	22 Mar 2021	N	06 Sep 2031	Dual	ST31P450MC	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
KONA I Co., Ltd.	LBKONA04299A	KONA2 D1321	06 Nov 2020	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA04300B	KONA2 D1321 Half-Metal	08 Feb 2021	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA04390A	KONA2 D6306 v1.0	03 May 2021	N	12 Mar 2032	Dual	CIU9872B_01	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA04398A	KONA2 D1321 Half-Metal	29 Mar 2021	N	22 Nov 2030	Dual	N7121	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
KONA I Co., Ltd.	LBKONA04446A	KONA2 D2384	06 May 2021	N	22 Jun 2032	Dual	S3D384C	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA04468A	KONA2 D1321	10 May 2021	N	22 Nov 2030	Dual	N7121	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
KONA I Co., Ltd.	LBKONA04469A	KONA2 D1321	10 May 2021	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA04767A	KONA2 D2384	13 Dec 2021	N	22 Jun 2032	Dual	S3D384C Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA04845A	KONA2 D1321	07 Feb 2022	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA04846A	KONA2 D1321	17 Mar 2022	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
KONA I Co., Ltd.	LBKONA04860A	KONA2 D1321	18 May 2022	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
KONA I Co., Ltd.	LBKONA04940A	KONA2 D2384	18 Apr 2022	N	22 Jun 2032	Dual	S3D384C Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA04947A	KONA2 D1321	05 May 2022	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA04965A	KONA2 D5450	05 May 2022	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA05270A	KONA2 D2384	03 Jul 2023	N	22 Jun 2032	Dual	S3D384C Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA05373A	KONA2 D1321 Platinum-plated Half Metal	07 Jun 2023	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA05591A	KONA2 D2384	20 Nov 2023	N	22 Jun 2032	Dual	S3D384C Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
KONA I Co., Ltd.	LBKONA05628A	KONA2 D1321 Half Metal+Gold	08 Apr 2024	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA05638A	KONA2 D1321 Half Metal+Gold	11 Apr 2024	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
KONA I Co., Ltd.	LBKONA05795A	KONA2 D2384	25 Jul 2024	N	22 Jun 2032	Dual	S3D384C Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
KONA I Co., Ltd.	LBKONA2337A	KONA2 S2120S	11 Jan 2016	N	30 Apr 2026	Contact	S3FT9FA Rev0	ID1 Card	1.5.3		VSDC 2.8.1f1	10, 18		N
KONA I Co., Ltd.	LBKONA2378B	KONA2 D2320	18 Jun 2018	N	02 Jul 2027	Dual	S3FT9MG	ID1 Card	1.5.3	2.1.2	VSDC 2.8.1f1	10, 18	10, 17, 18	N
KONA I Co., Ltd.	LBKONA2380A	KONA2 C1012S v1.0	12 Oct 2016	N	14 Feb 2026	Contact	P40C040 VE	ID1 Card	1.5.3		VSDC 2.8.1f1	10, 18		N
KONA I Co., Ltd.	LBKONA2521C	KONA2 C2200S	03 Jul 2018	N	29 Mar 2025	Contact	S3FT9PE Rev0	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
KONA I Co., Ltd.	LBKONA2522A	KONA2 C1072	21 Sep 2016	N	14 Feb 2026	Contact	P40C072 VE	ID1 Card	1.5.4		VSDC 2.8.1f1	10, 18		N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
KONA I Co., Ltd.	LBKONA2583A	KONA2 D2420	07 Jul 2016	N	02 Jul 2027	Dual	S3FT9MV	ID1 Card	1.5.3	2.1.2	VSDC 2.8.1f1	10, 18	10, 17, 18	N
KONA I Co., Ltd.	LBKONA2584A	KONA2 D2500	07 Jul 2016	N	02 Jul 2027	Dual	S3FT9MH	ID1 Card	1.5.3	2.1.2	VSDC 2.8.1f1	10, 18	10, 17, 18	N
KONA I Co., Ltd.	LBKONA2616B	KONA2 D2320	18 Jun 2018	N	02 Jul 2027	Dual	S3FT9MG	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
KONA I Co., Ltd.	LBKONA2740B	KONA2 D1081	19 Jun 2017	N	21 May 2027	Dual	P60D081 yVB	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
KONA I Co., Ltd.	LBKONA2783B	KONA2 D1080	04 Aug 2017	N	10 Jan 2025	Dual	P60D080MVC	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
KONA I Co., Ltd.	LBKONA2823A	KONA2 C1040	11 May 2017	N	14 Feb 2026	Contact	P40C040 VE	ID1 Card	1.5.4		VSDC 2.8.1f1	10, 18		N
KONA I Co., Ltd.	LBKONA2886A	KONA2 C2170S	13 Sep 2017	N	28 Oct 2028	Contact	S3K170A Rev0	ID1 Card	1.5.3		VSDC 2.8.1f1	10, 18		N
KONA I Co., Ltd.	LBKONA2921A	KONA2 D1025	28 Jun 2017	N	21 May 2027	Dual	P60D081 yVB	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
KONA I Co., Ltd.	LBKONA2922A	KONA2 D1042	28 Jun 2017	N	21 May 2027	Dual	P60D081 yVB	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Kyodo Printing Co. Ltd.	LBKYOD03795A	MC48000S-FeEMV-100	17 Sep 2019	N	24 Apr 2027	Dual	ST31G480 RevH	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Kyodo Printing Co. Ltd.	LBKYOD03948A	MCxxxxT-F40-001	27 Dec 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Kyodo Printing Co. Ltd.	LBKYOD04067A	MCxxxxT-F40-002	12 Feb 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Kyodo Printing Co. Ltd.	LBKYOD04103A	MCxxxxT-F40-003	19 Jun 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Kyodo Printing Co. Ltd.	LBKYOD04235A	MCxxxxT-F40-004	03 Aug 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Kyodo Printing Co. Ltd.	LBKYOD04562A	MC3520K-D23-001 version 001	13 Jul 2021	N	28 Oct 2028	Dual	S3D350A	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Kyodo Printing Co. Ltd.	LBKYOD04927A	MC4480T-405-002	10 May 2022	N	03 Apr 2032	Dual	IFX_ECL_2Fh[9h-Ch]	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Kyodo Printing Co. Ltd.	LBKYOD05836A	MC3840T-406-002	22 Aug 2024	N	11 Aug 2035	Dual	S3D384E	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Kyodo Printing Co. Ltd.	LBKYOD05903A	MC3840T-406-003	22 Aug 2024	N	11 Aug 2035	Dual	S3D384E	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Linxens Holding	LBLINX04199A	LXS-Pay-TOPAZ 01-01-01 V1.0	30 Jun 2020	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Linxens Holding	LBLINX04286A	LXS-Pay-V0_1x P71 01-04-01-2.9	23 Oct 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Linxens Holding	LBLINX04287A	LXS-Pay-V0_4x P71 01-04-01-2.8.1.g1	23 Oct 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Linxens Holding	LBLINX04288A	LXS-Pay-V1_1x P71 01-04-01-2.9	23 Oct 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Linxens Holding	LBLINX04289A	LXS-Pay-V1_1x P71 01-04-01-2.8.1g1	23 Oct 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Linxens Holding	LBLINX04410A	LXS-Pay-V0_1x P71 01-04-02-2.9	22 Mar 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Linxens Holding	LBLINX04414A	LXS-Pay-V0_4x P71 01-04-02-2.8.1g1	22 Mar 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Linxens Holding	LBLINX04415A	LXS-Pay-V1_1x P71 01-04-02-2.8.1g1	22 Mar 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Linxens Holding	LBLINX04416A	LXS-Pay-V1_1x P71 01-04-02-2.9	22 Mar 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Linxens Holding	LBLINX04556A	LXS-Pay-V0_1x SECORA 01-05-01-2.8.1g1 - HOLO	07 May 2021	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Linxens Holding	LBLINX04557A	LXS-Pay-V0_1x SECORA 01-05-01-2.8.1g1	07 May 2021	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Linxens Holding	LBLINX04570A	LXS-Pay-V0_4x Topaz 04-04-02-2.8.1	19 Oct 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Linxens Holding	LBLINX04571A	LXS-Pay-V0_4x Topaz 03-04-02-2.9.1	18 Oct 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
Linxens Holding	LBLINX04780A	LXS-Pay-V0_4x Topaz 06-04-02-2.9.1	22 Nov 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
Linxens Holding	LBLINX04804A	LXS-Pay-V01_4x SECORA 02-05-01-2.8.1G1 - HOLO	15 Dec 2021	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Linxens Holding	LBLINX04806A	LXS-Pay-V01_4x SECORA 02-05-01-2.9.2 - HOLO	15 Dec 2021	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Linxens Holding	LBLINX04807A	LXS-Pay-V01_4x SECORA 02-05-01-2.8.1G1	15 Dec 2021	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Linxens Holding	LBLINX04808A	LXS-Pay-V01_4x SECORA 02-05-01-2.9.2	15 Dec 2021	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Linxens Holding	LBLINX05473A	LXS_V_J3R-4.5_2.9.2_4.0	12 Sep 2023	N	07 Apr 2034	Dual	N7122 A1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Linxens Holding	LBLINX05486A	LXS-Pay-V0_4x P71 01-04-02-2.9.2 1.0	26 Jul 2023	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Linxens Holding	LBLINX05691A	LXS-Bio-TOPAZ-V01_4x_09-04-03-01-01-v1.0	26 Apr 2024	N	22 Oct 2033	Dual	ST31N600	ID1 Card (Biometric)	1.6.3	2.2.4	VSDC 2.9.2 CFS Build 240229	10, 18, 22	10, 17, 18, 22	Y
Linxens Holding	LBLINX05960A	LXS-Pay-V01_4x P71J5 10-04-01-2.9.2	19 Nov 2024	N	13 Jun 2036	Dual	N7123 A0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Logos Smart Card A/S	LBLOGO03687B	Logos Exolvo A1-1 v1.0	28 Nov 2019	N	24 Apr 2027	Dual	ST31G480 FW v2.1.0 (Rev H)	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Logos Smart Card A/S	LBLOGO03730A	Logos Exolvo A1-1 v1.0	05 Dec 2019	N	24 Apr 2027	Dual	ST31G480 FW v2.1.0 (Rev H)	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Logos Smart Card A/S	LBLOGO03731A	Logos Exolvo A1-1 v1.0	05 Dec 2019	N	24 Apr 2027	Dual	ST31G480 FW v2.1.0 (Rev H)	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Logos Smart Card A/S	LBLOGO04048A	Logos Exolvo A1-1 v1.1	24 Feb 2020	N	24 Apr 2027	Dual	ST31G480 FW v2.1.0 (Rev H)	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Logos Smart Card A/S	LBLOGO04049A	Logos Exolvo A1-1 v1.1	24 Feb 2020	N	24 Apr 2027	Dual	ST31G480 FW v2.1.0 (Rev H)	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Logos Smart Card A/S	LBLOGO04050A	Logos Exolvo A1-1 v1.1	24 Feb 2020	N	24 Apr 2027	Dual	ST31G480 FW v2.1.0 (Rev H)	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Logos Smart Card A/S	LBLOGO04296C	Exolvo B1-2 v1.0	07 Jan 2022	N	28 Oct 2028	Dual	S3D350A Rev. 2	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
Logos Smart Card A/S	LBLOGO04297B	Exolvo B2-1 v1.0	05 Jul 2021	N	12 Nov 2031	Contact	S3K200B, Rev. 0	ID1 Card	1.6.2		VSDC 2.9.1	10, 18, 22		Y

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Logos Smart Card A/S	LBLOGO04640A	Exolvo B1-3 v1.0	11 Jan 2022	N	28 Oct 2028	Dual	S3D350A Rev. 2	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
Logos Smart Card A/S	LBLOGO05534C	Exolvo C1-1 v3.0	01 Jul 2024	N	11 Aug 2035	Dual	S3D384E rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Logos Smart Card A/S	LBLOGO2313A	Exolvo 281f1-DDA DI 1.0	11 Jan 2016	N	19 Dec 2025	Dual	S3FT9MS	ID1 Card	1.5.4	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
Logos Smart Card A/S	LBLOGO2736B	Exolvo 281f1-DDA DI 1.2	10 Oct 2018	N	19 Dec 2025	Dual	S3FT9MS	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
Magnetic Ticket & Label	LBMAGN03371A	KONA2 C2200S V1.02	01 Aug 2018	N	29 Mar 2025	Contact	S3FT9PE Rev0	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Marketing Card Technology, LLC.	LBMCTL05647A	MCT_LNX_SPAY_IFX6_SLJ26P D1 VISA V2.8.1G1	26 Jan 2024	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Marketing Card Technology, LLC.	LBMCTL05763A	MCT_MULTOS_VSDC R5 on ML4-P25 Coil v1.0	22 Aug 2024	N	03 Apr 2032	Dual	SLC36PDL352, IFX ECI 54 [1h-14h]	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.3	10, 18	10, 17, 18	Y
Marketing Card Technology, LLC.	LBMCTL05764A	MCT_MULTOS_VSDC R5 on MC4-P23 v1.0	22 Aug 2024	N	17 Jul 2029	Contact	Centaurus_FB_04 / RevF	ID1 Card	1.5.4		VSDC R5 v2.1	10, 18		N
Marketing Card Technology, LLC.	LBMCTL05765A	MCT_MULTOS_VSDC R5 on SC4-P23 v1.0	22 Aug 2024	N	17 Jul 2029	Contact	Centaurus_FB_04 / RevF	ID1 Card	1.5.4		VSDC R5 v2.1	10, 18		N
MCT Cards & Technology Pvt Ltd	LBMCTC04240A	STPAY TOPAZ-1 v1.0	01 Mar 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
MCT Cards & Technology Pvt Ltd	LBMCTC05027A	CTDfJH20PL V1.0.0	12 Jul 2022	N	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
MCT Cards & Technology Pvt Ltd	LBMCTC05084A	SECORA" Pay SLJ37P D1 VISA V2.9.2	25 Aug 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
MCT Cards & Technology Pvt Ltd	LBMCTC05286A	V0_4x_J3Rxxx_2.9.2_4.0	22 May 2023	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
MCT Cards & Technology Pvt Ltd	LBMCTC05576A	LXS_V_J3R-4.5_2.9.2_4.0	08 Feb 2024	N	07 Apr 2034	Dual	N7122 A1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
MCT Cards & Technology Pvt Ltd	LBMCTC05722A	SLJ26P D1 VISA V2.9.2	11 Jul 2024	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
MCT Cards & Technology Pvt Ltd	LBMCTC05727A	STPAY TOPAZ-1 v1.0	23 Apr 2024	N	06 Sep 2031	Dual	ST31P450	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
MCT Cards & Technology Pvt Ltd	LBMCTC05740A	TMCOS V4.0	10 May 2024	Y	03 Feb 2034	Dual	THD89-F350A Rev.1.0	ID1 Card (Metal)	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
MCT Cards & Technology Pvt Ltd	LBMCTC05807A	Contactless R11 version 1.0	30 Aug 2024	N	16 Jan 2032	Dual	Pegasus_CB_05, Revision C	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
MF Group S.R.L.	LBMFGR03001A	PUBLICENTER DI v2.2	23 Oct 2017	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
MF Group S.R.L.	LBMFGR03990A	PUBLICENTER DI v3.0	30 Nov 2020	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
MF Group S.R.L.	LBMFGR04327A	PUBLICENTER DI v2.3	30 Nov 2020	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
MK Smart Joint Stock Company	LBMKSM03175A	MKS_K2_D2320_v1.0	21 Nov 2018	N	02 Jul 2027	Dual	S3FT9MG	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
MK Smart Joint Stock Company	LBMKSM03530A	MKS SLJ32PD D1 VISA V2.8.1G1	08 Jan 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
MK Smart Joint Stock Company	LBMKSM03976A	LOTUS-SUDa-v1.0	30 Jan 2020	N	28 Oct 2028	Dual	S3D350A, Rev 2	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
MK Smart Joint Stock Company	LBMKSM04752A	MKS-LOTUS-NNDbv1.0	19 Nov 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
MK Smart Joint Stock Company	LBMKSM04874A	MKS-LOTUS-SKDb-v1.0	10 Jun 2022	N	22 Jun 2032	Dual	S3D384C Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
MK Smart Joint Stock Company	LBMKSM04875B	MKS-LOTUS-IIDb-v1.0	26 Oct 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
MK Smart Joint Stock Company	LBMKSM05120A	LOTUS-SUDb-v1.0	19 Oct 2022	N	22 Jun 2032	Dual	S3D384C, Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
MK Smart Joint Stock Company	LBMKSM05326A	LOTUS-TKDa v1.0	22 May 2023	Y	06 Sep 2031	Dual	ST31P450MC	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
MK Smart Joint Stock Company	LBMKSM05482A	MKS-LOTUS-IIDc-v1.0	03 Nov 2023	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
MK Smart Joint Stock Company	LBMKSM05814A	LOTUS-TUDa-v1.0	31 Jul 2024	N	06 Sep 2031	Dual	ST31P450, Rev.C	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
MoriX Co., Ltd.	LBMORX05825A	MoriX_STPAY TopazBioF1.2 v1.0	23 Jul 2024	N	22 Oct 2033	Dual	ST31N600	ID1 Card (Biometric)	1.6.3	2.2.4	VSDC 2.9.2 CFS Build 240229	10, 18, 22	10, 17, 18, 22	Y
Multos International Pte Ltd	LBMULTS03703A	VSDC R6 on ML4-P18.1 v1.0	19 Jul 2019	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.6.2	2.2.3	VSDC R6 v1.0	10, 18, 22	10, 17, 18, 22	Y
Multos International Pte Ltd	LBMULTS03710A	VSDC R5 on ML4-P18 SPS v1.1	27 Jun 2019	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	Y
Multos International Pte Ltd	LBMULTS03711A	VSDC R5 on ML4-P18 CoM HoloFoil v1.1	27 Jun 2019	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	Y
Multos International Pte Ltd	LBMULTS03712A	VSDC R6 on MC4-P18.1 v1.0	25 Jul 2019	N	30 Jan 2029	Contact	M5171 - SLC32PCA version G13	ID1 Card	1.6.2		VSDC R6 v1.0	10, 18, 22		Y
Multos International Pte Ltd	LBMULTS03728A	Multos Visa CPS DI (ML4-P18 CPS)	16 Aug 2019	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	N
Multos International Pte Ltd	LBMULTS03745A	Multos VSDC R5 on ML4-P18 CoM v1.1	06 Jun 2019	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	Y
Multos International Pte Ltd	LBMULTS03750A	VSDC R6 on ML4-P18.1 v1.0	02 Aug 2019	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.6.2	2.2.3	VSDC R6 v1.0	10, 18, 22	10, 17, 18, 22	N
Multos International Pte Ltd	LBMULTS03751A	VSDC R6 on MC4-P18.1 v1.0	01 Aug 2019	N	30 Jan 2029	Contact	M5171 - SLC32PCA version G13	ID1 Card	1.6.2		VSDC R6 v1.0	10, 18, 22		N
Multos International Pte Ltd	LBMULTS03777A	VSDC R6 on ML4-P18.1 CoM v1.0	16 Aug 2019	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.6.2	2.2.3	VSDC R6 v1.0	10, 18, 22	10, 17, 18, 22	Y
Multos International Pte Ltd	LBMULTS03944A	VSDC R5 on ML4-P18 MiniTag v1.1	23 Dec 2019	Y	09 Dec 2028	Contactless	M7864 - SLC32PD version H13	Micro-tag		2.1.3	VSDC R5 v2.0		10, 17, 18	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Multos International Pte Ltd	LBMILTS04000A	VSDC R5 on MC4-P23 v1.0	06 Mar 2020	N	17 Jul 2029	Contact	Centaurus_FB_04 / RevF	ID1 Card	1.5.4		VSDC R5 v2.1	10, 18		N
Multos International Pte Ltd	LBMILTS04001A	VSDC R5 on SC4-P23 v1.0	06 Mar 2020	N	17 Jul 2029	Contact	Centaurus_FB_04 / RevF	ID1 Card	1.5.4		VSDC R5 v2.1	10, 18		N
Multos International Pte Ltd	LBMILTS04041A	VSDC R5 on MC4-P23 v1.0	06 Mar 2020	N	17 Jul 2029	Contact	Centaurus_FB_04 / RevF	ID1 Card	1.5.4		VSDC R5 v2.1	10, 18		Y
Multos International Pte Ltd	LBMILTS04042A	VSDC R5 on SC4-P23 v1.0	06 Mar 2020	N	17 Jul 2029	Contact	Centaurus_FB_04 / RevF	ID1 Card	1.5.4		VSDC R5 v2.1	10, 18		Y
MyCard S.A. de C.V.	LBMZYCA03947A	STPAY Tiger-1.3b v1.0	18 Mar 2020	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
MyCard S.A. de C.V.	LBMZYCA04010A	ML4-P18 v1.2	18 Mar 2020	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	Y
NID SA	LBNIDS05443A	EMVI24 NID IDEMIA v01.00.01	04 Aug 2023	N	03 Apr 2032	Dual	SLC36PDL352 / S11	ID1 Card	1.6.3	2.2.4	VIS1.6.3/ VCPS2.2.4 EMVI24 v01.00.01	10, 18, 22	10, 17, 18, 22	Y
NID SA	LBNIDS05444A	TH-NID_GFCX12_DualVSDC_HA	04 Sep 2023	N	06 Sep 2031	Dual	ST31P450, Rev. C	ID1 Card	1.6.3	2.2.4	DualVSDC v6.7	10, 18, 22	10, 17, 18, 22	Y
NXP Semiconductors Netherlands B.V.	LBNXPS03326A	V0-J3H0XX-MVA3-2.1-281G1 PL6	24 Aug 2018	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
NXP Semiconductors Netherlands B.V.	LBNXPS03473A	V0-J3Hxxx-CV 1.0	10 Apr 2019	N	29 Mar 2028	Contact	P6022y VB	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
NXP Semiconductors Netherlands B.V.	LBNXPS03474A	V1-J3Hxxx-CV 1.0	10 Apr 2019	N	29 Mar 2028	Contact	P6022y VB	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
NXP Semiconductors Netherlands B.V.	LBNXPS03500A	V0/4x-J3Rxxx-2.8.1g1 1.0	19 Feb 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
NXP Semiconductors Netherlands B.V.	LBNXPS03501A	V1/1x-J3Rxxx-2.9 1.0	25 Feb 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
NXP Semiconductors Netherlands B.V.	LBNXPS03502A	V0/1x-J3Rxxx-2.9 1.0	25 Feb 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
NXP Semiconductors Netherlands B.V.	LBNXPS03521A	V0/1x-J3Rxxx-2.8.1g1 1.0	25 Feb 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
NXP Semiconductors Netherlands B.V.	LBNXPS03547A	V0/4x-J3Rxxx-2.8.1g1 2.0	15 Apr 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
NXP Semiconductors Netherlands B.V.	LBNXPS03548A	V0/1x-J3Rxxx-2.8.1g1 2.0	24 Apr 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
NXP Semiconductors Netherlands B.V.	LBNXPS03549A	V1/4x-J3Rxxx-2.9 1.0	10 Apr 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
NXP Semiconductors Netherlands B.V.	LBNXPS03550A	V0/4x-J3Rxxx-2.9 1.0	10 Apr 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
NXP Semiconductors Netherlands B.V.	LBNXPS03609A	V1/4x-J3Rxxx-2.8.1g1 1.0	08 May 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
NXP Semiconductors Netherlands B.V.	LBNXPS03624A	V0/1x-J3Rxxx-2.9 2.0	25 Apr 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
NXP Semiconductors Netherlands B.V.	LBNXPS03625A	V0/1x-J2Rxxx-2.9 1.0	10 Apr 2019	N	22 Nov 2030	Contact	N7121 B1	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
NXP Semiconductors Netherlands B.V.	LBNXPS03626A	V1/1x-J3Rxxx-2.9 2.0	10 May 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
NXP Semiconductors Netherlands B.V.	LBNXPS03627A	V1/4x-J3Rxxx-2.8.1g1 2.0	10 May 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
NXP Semiconductors Netherlands B.V.	LBNXPS03670A	V0/1x-J2Rxxx-2.8.1g1 1.0	24 Apr 2019	N	22 Nov 2030	Contact	N7121 B1	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		N
NXP Semiconductors Netherlands B.V.	LBNXPS03671A	V0/4x-J2Rxxx-2.8.1g1 1.0	24 Apr 2019	N	22 Nov 2030	Contact	N7121 B1	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		Y
NXP Semiconductors Netherlands B.V.	LBNXPS03672A	V0/4x-J2Rxxx-2.9 1.0	24 Apr 2019	N	22 Nov 2030	Contact	N7121 B1	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		Y
NXP Semiconductors Netherlands B.V.	LBNXPS03673A	V0/4x-J3Rxxx-2.9 2.0	06 Jun 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
NXP Semiconductors Netherlands B.V.	LBNXPS03674A	V1/1x-J2Rxxx-2.9 1.0	24 Apr 2019	N	22 Nov 2030	Contact	N7121 B1	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
NXP Semiconductors Netherlands B.V.	LBNXPS03675A	V1/1x-J3Rxxx-2.8.1g1 2.0	16 May 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
NXP Semiconductors Netherlands B.V.	LBNXPS03676A	V1/1x-J3Rxxx-2.8.1g1 1.0	16 May 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
NXP Semiconductors Netherlands B.V.	LBNXPS03677A	V1/4x-J2Rxxx-2.8.1g1 1.0	08 May 2019	N	22 Nov 2030	Contact	N7121 B1	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		Y
NXP Semiconductors Netherlands B.V.	LBNXPS03678A	V1/4x-J2Rxxx-2.9 1.0	24 Apr 2019	N	22 Nov 2030	Contact	N7121 B1	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		Y
NXP Semiconductors Netherlands B.V.	LBNXPS03679A	V1/4x-J3Rxxx-2.9 2.0	04 Jun 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
NXP Semiconductors Netherlands B.V.	LBNXPS03780A	V0/4x-J3Rxxx-2.8.1g1 3.0	08 Oct 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
NXP Semiconductors Netherlands B.V.	LBNXPS03823A	V1/1x-J3Rxxx-2.8.1g1 3.0	08 Oct 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
NXP Semiconductors Netherlands B.V.	LBNXPS03824A	V0/1x-J3Rxxx-2.9 3.0	14 Oct 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
NXP Semiconductors Netherlands B.V.	LBNXPS03825A	V1/1x-J3Rxxx-2.9 3.0	14 Oct 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
NXP Semiconductors Netherlands B.V.	LBNXPS04004A	V0/1x-J3Rxxx-2.9_4.0	14 Jan 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
NXP Semiconductors Netherlands B.V.	LBNXPS04005A	V0/4x-J3Rxxx-2.8.1g1_4.0	14 Jan 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
NXP Semiconductors Netherlands B.V.	LBNXPS04006A	V1/1x-J3Rxxx-2.9_4.0	14 Jan 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
NXP Semiconductors Netherlands B.V.	LBNXPS04007A	V1/1x-J3Rxxx-2.8.1g1_4.0	14 Jan 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
NXP Semiconductors Netherlands B.V.	LBNXPS04227B	V0/CB-J3Rxxx-VIDI20_2.0	01 Feb 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.2	2.2.3	VIDI 2.0	10, 18, 22	10, 17, 18, 22	N
NXP Semiconductors Netherlands B.V.	LBNXPS04399A	V0_1x-J3Rxxx-VIDI20_4.0	09 Apr 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.2	2.2.3	VIDI 2.0	10, 18, 22	10, 17, 18, 22	N
NXP Semiconductors Netherlands B.V.	LBNXPS04400A	V0_4x-J3Rxxx-VIDI20_4.0	09 Apr 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.2	2.2.3	VIDI 2.0	10, 18, 22	10, 17, 18, 22	Y
NXP Semiconductors Netherlands B.V.	LBNXPS04401A	V1_1x-J3Rxxx-VIDI20_4.0	09 Apr 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.2	2.2.3	VIDI 2.0	10, 18, 22	10, 17, 18, 22	N
NXP Semiconductors Netherlands B.V.	LBNXPS04402A	V1_4x-J3Rxxx-VIDI20_4.0	09 Apr 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.2	2.2.3	VIDI 2.0	10, 18, 22	10, 17, 18, 22	Y
NXP Semiconductors Netherlands B.V.	LBNXPS04457A	V0_4x-J3Rxxx-VIDI20_2.0	29 Mar 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.2	2.2.3	VIDI 2.0	10, 18, 22	10, 17, 18, 22	Y
NXP Semiconductors Netherlands B.V.	LBNXPS04458A	V1_1x-J3Rxxx-VIDI20_2.0	29 Mar 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.2	2.2.3	VIDI 2.0	10, 18, 22	10, 17, 18, 22	N
NXP Semiconductors Netherlands B.V.	LBNXPS04459A	V1_4x-J3Rxxx-VIDI20_2.0	09 Apr 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.2	2.2.3	VIDI 2.0	10, 18, 22	10, 17, 18, 22	Y
NXP Semiconductors Netherlands B.V.	LBNXPS04869A	V0_4x_J3Rxxx_2.9.2_5.0	03 Mar 2022	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
NXP Semiconductors Netherlands B.V.	LBNXPS04962A	V0_4x_J3Rxxx_2.9.2_4.0	12 Apr 2022	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
NXP Semiconductors Netherlands B.V.	LBNXPS05155A	V_J3R-4.5_2.9.2_4.0	14 Nov 2023	N	07 Apr 2034	Dual	N7122 A1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
NXP Semiconductors Netherlands B.V.	LBNXPS05645A	V_J3R-4.5_2.9.2_4.0-MF	16 Jan 2024	N	07 Apr 2034	Dual	N7122 A1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
NXP Semiconductors Netherlands B.V.	LBNXPS05648A	V_J3R-4.5_2.9.2_4.0-DF	16 Jan 2024	N	07 Apr 2034	Dual	N7122 A1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
NXP Semiconductors Netherlands B.V.	LBNXPS05677A	V_J3R-4.5_2.8.1g1_4.0	14 Mar 2024	N	07 Apr 2034	Dual	N7122 A1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
NXP Semiconductors Netherlands B.V.	LBNXPS05870A	V_J3R-4.5_2.9.2_4.0-Easy	18 Jul 2024	N	07 Apr 2034	Dual	N7122 A1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y

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NXP Semiconductors Netherlands B.V.	LBNXPS05881A	V0_4x_J3Rxxx_2.9.2_MF+_5.0	25 Jul 2024	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
NXP Semiconductors Netherlands B.V.	LBNXPS05884A	V0_4x_J3Rxxx_2.9.2_DF_5.0	25 Jul 2024	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
NXP Semiconductors Netherlands B.V.	LBNXPS05955A	V_J3R-4.5_2.8.1g1_4.0-MF	19 Nov 2024	N	07 Apr 2034	Dual	N7122 A1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
NXP Semiconductors Netherlands B.V.	LBNXPS05956A	V_J3R-4.5_2.8.1g1_4.0-DF	19 Nov 2024	N	07 Apr 2034	Dual	N7122 A1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
NXP Semiconductors Netherlands B.V.	LBNXPS06016A	V-J3S-2.8.1g1_5.0	19 Nov 2024	N	13 Jun 2036	Dual	N7123 A0	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
NXP Semiconductors Netherlands B.V.	LBNXPS06017A	V-J3S-2.9.2_5.0	19 Nov 2024	N	13 Jun 2036	Dual	N7123 A0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
NXP Semiconductors Netherlands B.V.	LBNXPS2345A	V0-J2L0XX-MA	17 Mar 2016	N	14 Feb 2026	Contact	P40C072 VE	ID1 Card	1.5.3		VSDC 2.8.1f1	10, 18		N
NXP Semiconductors Netherlands B.V.	LBNXPS2370A	V1-J2H0XX-MVA3	16 Mar 2016	N	21 May 2027	Contact	P6021y VB	ID1 Card	1.5.4		NXP VID1 1.0	10, 18		N
NXP Semiconductors Netherlands B.V.	LBNXPS2371A	V1-J3H0XX-MVA3 V1.0	02 Mar 2016	N	21 May 2027	Dual	P6021y VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
NXP Semiconductors Netherlands B.V.	LBNXPS2372A	V0-J2H0XX-MVA3	16 Mar 2016	N	21 May 2027	Contact	P6021y VB	ID1 Card	1.5.4		NXP VID1 1.0	10, 18		N
NXP Semiconductors Netherlands B.V.	LBNXPS2373A	V0-J3H0XX-MVA3 1.0	02 Mar 2016	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
NXP Semiconductors Netherlands B.V.	LBNXPS2387A	V1-J3H0XX-MVA3 2.0	16 Mar 2016	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
NXP Semiconductors Netherlands B.V.	LBNXPS2388A	V0-J3H0XX-MVA3 V2.0	16 Mar 2016	N	21 May 2027	Dual	P6021y VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
NXP Semiconductors Netherlands B.V.	LBNXPS2444B	V0-J3H0XX-MVA3 1.1	06 Mar 2017	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
NXP Semiconductors Netherlands B.V.	LBNXPS2445A	V1-J3H0XX-MVA3 1.1	21 Apr 2016	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
NXP Semiconductors Netherlands B.V.	LBNXPS2446A	V0-J3H0XX-MVA3 2.1	15 Jun 2016	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
NXP Semiconductors Netherlands B.V.	LBNXPS2447A	V1-J3H0XX-MVA3 2.1	11 Jul 2016	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
NXP Semiconductors Netherlands B.V.	LBNXPS2448A	V0-J2H0XX-MVA3	05 May 2016	N	21 May 2027	Contact	P6021J VB	ID1 Card	1.5.4		NXP VID1 1.0	10, 18		N
NXP Semiconductors Netherlands B.V.	LBNXPS2449A	V1-J2H0XX-MVA3	05 May 2016	N	21 May 2027	Contact	P6021J VB	ID1 Card	1.5.4		NXP VID1 1.0	10, 18		N

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NXP Semiconductors Netherlands B.V.	LBNXPS2488A	V1-J2L0XX-M4.2	27 Apr 2016	N	14 Feb 2026	Contact	P40C072 VE	ID1 Card	1.5.4		VSDC 2.8.1f1	10, 18		N
NXP Semiconductors Netherlands B.V.	LBNXPS2489A	V0-J2L0XX-M4.2	27 Apr 2016	N	14 Feb 2026	Contact	P40C072 VE	ID1 Card	1.5.4		VSDC 2.8.1f1	10, 18		N
NXP Semiconductors Netherlands B.V.	LBNXPS2490A	V1-J2L0XX-MA.2	27 Apr 2016	N	14 Feb 2026	Contact	P40C072 VE	ID1 Card	1.5.4		VSDC 2.8.1f1	10, 18		N
NXP Semiconductors Netherlands B.V.	LBNXPS2491A	V0-J2L0XX-MA.2	27 Apr 2016	N	14 Feb 2026	Contact	P40C072 VE	ID1 Card	1.5.4		VSDC 2.8.1f1	10, 18		N
NXP Semiconductors Netherlands B.V.	LBNXPS2713A	V0-J2H0XX-MVA3-281G PL6	05 Jul 2017	N	21 May 2027	Contact	P6021J VB	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
NXP Semiconductors Netherlands B.V.	LBNXPS2714A	V1-J2H0XX-MVA3-281G PL6	05 Jul 2017	N	21 May 2027	Contact	P6021J VB	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
OREN-KART Ltd	LBOREN03771A	ORN 2019 CJ 5.60 DI V15-XD-Y10-T	08 Jul 2019	N	28 Oct 2028	Dual	S3D350A	ID1 Card	1.5.4	2.1.3	Convego Apply V154-613	10, 18	10, 17, 18	Y
OREN-KART Ltd	LBOREN04102A	REN_SCOne D80 MIR 1.1 VIS 1.5.4	27 Mar 2020	N	09 Dec 2028	Dual	IFX_ECL_Fh[1h-4h] H13	ID1 Card	1.5.4	2.1.3	VIS 1.5.4	10, 18	10, 17, 18	N
OREN-KART Ltd	LBOREN04422A	ORN_XH_Gamma_4.0 V1.1	19 May 2021	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
OREN-KART Ltd	LBOREN04824A	ORN_XHSmart Gamma 5.0	29 Dec 2021	N	03 Apr 2032	Dual	IFX_ECL_53h [01h-1Eh] S11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Percetakan Nasional Malaysia Berhad	LBPMB04495A	PNMB - VSDC R5 on ML4-P18 CoM V1.1	09 Apr 2021	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	Y
Percetakan Nasional Malaysia Berhad	LBPMB05524A	PNMB - VSDC R5 on ML4-P25 Coil v1.0	27 Sep 2023	N	03 Apr 2032	Dual	SLC36PDL352, IFX ECI 54 [1h-14h]	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.3	10, 18	10, 17, 18	Y
Perfect Plastic Printing Corp.	LBPERF02966A	PPP STPayBAMB v1.0	29 Sep 2017	N	13 Jul 2027	Contact	ST31H320 (K8N0)	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Perfect Plastic Printing Corp.	LBPERF03492A	PPP ML4-P18 VSDC R5	14 Jan 2019	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	Y
Perfect Plastic Printing Corp.	LBPERF03534A	PPP Cosmo Fly 6.0 4x	14 Aug 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
Perfect Plastic Printing Corp.	LBPERF03535A	PPP Cosmo Fly 6.0	09 Sep 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Perfect Plastic Printing Corp.	LBPERF03980A	PPP Secora Pay SLJ32PDA VSDC2.8.1G1 6 Pin Standard	05 Dec 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Perfect Plastic Printing Corp.	LBPERF04700A	SECORA" Pay SLJ37P D1 VISA V2.8.1G1	12 Nov 2021	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Perfect Plastic Printing Corp.	LBPERF04701A	SECORA" Pay SLJ37P D1 VISA V2.8.1G1	12 Nov 2021	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Perfect Plastic Printing Corp.	LBPERF04705A	PPP renew/ rPETG DI V1.0	24 Nov 2021	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Perfect Plastic Printing Corp.	LBPERF05280A	TeC PPP-Topz-LXN v1.0	16 Jun 2023	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Placard Pty Ltd	LBPLAC03747A	Placard V0/1x-J3Rxxx-2.9 1.0	19 Jun 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Placard Pty Ltd	LBPLAC04245A	Placard J3Rxxx DITeC	13 Jul 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Placard Pty Ltd	LBPLAC04248A	Placard J3R Biodegradable	17 Sep 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Placard Pty Ltd	LBPLAC04259A	Placard J3R Recycled	17 Sep 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Placard Pty Ltd	LBPLAC04366A	Placard J3R Wearable	01 Mar 2021	N	22 Nov 2030	Contactless	N7121 B1	Micro-tag		2.2	VSDC 2.9		10, 17, 18, 22	N
Placard Pty Ltd	LBPLAC04574A	Placard J3Rxxx Full Face foil DITeC	06 May 2022	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Placard Pty Ltd	LBPLAC04667A	Placard STPAY Topaz-1 v2.0	06 Dec 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
Placard Pty Ltd	LBPLAC04731A	Placard STPAY Topaz-1 vA.1 5B259 Foil	05 Nov 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Placard Pty Ltd	LBPLAC04732A	Placard STPAY Topaz-1 vA.1 5B259	26 Nov 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Placard Pty Ltd	LBPLAC04756A	Placard J3Rxxx DITeC	12 Nov 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Placard Pty Ltd	LBPLAC05035A	Placard UBJ31 v1.0	05 Oct 2022	N	22 Jun 2032	Dual	S3D384C, Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Placard Pty Ltd	LBPLAC05379A	Placard SPS JCOP4 GEN4 v1.0	08 Jun 2023	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Placard Pty Ltd	LBPLAC06013A	Placard SPS JCOP5 GEN4 v1.0	19 Nov 2024	N	13 Jun 2036	Dual	N7123 A0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Placard Pty Ltd	LBPLAC2494A	Placard J3H0XX V1.0	05 May 2016	N	21 May 2027	Dual	P6021Y VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
Placard Pty Ltd	LBPLAC2622A	Placard J3H0XX-MVA3 Desfire V1.0	02 Dec 2016	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
Plastic Card Enterprise Hong Kong Ltd.	LBPCHK03389A	Pectoral D n-VSDC SF232 v.1.2	19 Sep 2018	N	28 Oct 2028	Dual	S3D232A rev.2	ID1 Card	1.5.4	2.1.3	n-VSDC DUAL v.2.1	10, 18	10, 17, 18	N
Plastic Card Enterprise Hong Kong Ltd.	LBPCHK2868A	Pectoral D n-VSDC SF232 v.1.1	24 Jul 2018	N	28 Oct 2028	Dual	S3D232A rev.2	ID1 Card	1.5.4	2.1.3	n-VSDC DUAL v.2.1	10, 18	10, 17, 18	N
Plastic Card Enterprise Ltd	LBPLAS02929A	Pectoral V0-J2L0XX-M4.2	26 Oct 2017	N	14 Feb 2026	Contact	P40C072 VE.001	ID1 Card	1.5.4		VSDC 2.8.1f1	10, 18		N
Plastic Card Enterprise Ltd	LBPLAS02944A	Pectoral V1-J2L0XX-M4.2	26 Oct 2017	N	14 Feb 2026	Contact	P40C072 VE.001	ID1 Card	1.5.4		VSDC 2.8.1f1	10, 18		N
Plastic Card Enterprise Ltd	LBPLAS02945A	Pectoral V0-J3H0XX-MVA3 2.1	06 Oct 2017	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
Plastic Card Enterprise Ltd	LBPLAS02946A	Pectoral V1-J3H0XX-MVA3 2.1	06 Oct 2017	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	VID1 1.0	10, 18	10, 17, 18	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Plastic Card Enterprise Ltd	LBPLAS04728A	Pectoral D n-VSDC SC232 v.1.1	14 Jun 2022	N	22 Jun 2032	Dual	S3D232C rev.2	ID1 Card	1.6.3	2.2.4	n-VSDC DUAL v.3.01	10, 18, 22	10, 17, 18, 22	N
Plastic Card Enterprise Ltd	LBPLAS05198A	Pectoral D n-VSDC st450 v.1.1	09 Nov 2023	N	06 Sep 2031	Dual	ST31P450 rev.C	ID1 Card	1.6.3	2.2.4	n-VSDC DUAL v.3.2	10, 18, 22	10, 17, 18, 22	N
Plastic Card Enterprise Ltd	LBPLAS05541A	Pectoral D n-VSDC SC232 v.1.2	13 Dec 2023	N	22 Jun 2032	Dual	S3D232C rev.2	ID1 Card	1.6.3	2.2.4	n-VSDC DUAL v.3.01	10, 18, 22	10, 17, 18, 22	N
Plastic Card Enterprise Ltd	LBPLAS05652A	Pectoral D n-VSDC st450 v.1.2	08 Feb 2024	N	06 Sep 2031	Dual	ST31P450 rev.C	ID1 Card	1.6.3	2.2.4	n-VSDC DUAL v.3.2	10, 18, 22	10, 17, 18, 22	N
Plus Tech Innovation Public Company Limited	LBPLUS05139A	PLUS UB31-G33 VSDC2.9.2 w/o IDS	07 Oct 2022	N	22 Jun 2032	Dual	S3D384C, Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Plus Tech Innovation Public Company Limited	LBPLUS05164A	PLUS DI TMC THD89 V.4749	25 Oct 2022	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Plus Tech Innovation Public Company Limited	LBPLUS05297A	PLUS DI NXP P71 SPS VSDC 2.9 Emu MF Des	29 May 2023	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Plus Tech Innovation Public Company Limited	LBTBSP03329A	TBSP_V18SEM-1SX	27 Sep 2018	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Plus Tech Innovation Public Company Limited	LBTBSP03452A	TBSP_V18REM-1SY V.1	02 Oct 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Plus Tech Innovation Public Company Limited	LBTBSP03453A	TBSP_V18FEM-1LY, version 1	30 Oct 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Plus Tech Innovation Public Company Limited	LBTBSP03744A	TBSP CosFV6_VSDC29 Version 1	15 Jul 2019	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Plus Tech Innovation Public Company Limited	LBTBSP03815A	TBSP JCOP4-P71_VSDC29	03 Sep 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Plus Tech Innovation Public Company Limited	LBTBSP03896A	TBSP EAST VSDC29 Version 1	02 Mar 2020	N	09 Dec 2028	Dual	IFX_ECL_12h [39h,3Eh]/H13 (SLC32PDL348, SLC32PDL268)	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Plus Tech Innovation Public Company Limited	LBTBSP04008A	TBSP P71-56PFV29 version 1	20 Jan 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Plus Tech Innovation Public Company Limited	LBTBSP04475A	TBSP DI Thales R11 VSDC2.9.2 V.1	27 May 2021	N	16 Jan 2032	Dual	Pegasus_CB_05, Revision C	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Plus Tech Innovation Public Company Limited	LBTBSP04870A	TBSP GM4	27 Jan 2022	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
Plus Tech Innovation Public Company Limited	LBTBSP04871A	TBSP TF89	28 Jan 2022	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Polly-Service Ltd.	LBPLLY03924A	POLLY-SERVICE CJ 5.60 DI V15-XD-Y10-T	13 Dec 2019	N	28 Oct 2028	Dual	S3D350A	ID1 Card	1.5.4	2.1.3	Convego Apply V154-613	10, 18	10, 17, 18	Y
Polly-Service Ltd.	LBPLLY04112A	POLLY-SERVICE V1/1x-J3Rxxx-2.9 1.0	20 May 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Polly-Service Ltd.	LBPLLY04113A	POLLY-SERVICE V0/1x-J3Rxxx-2.9 1.0	20 May 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Polly-Service Ltd.	LBPLLY04450A	POLLY-SERVICE CJ 5.65 DI V16-XD-Y10-Z	10 Aug 2021	N	28 Oct 2028	Dual	S3D350AA (aka S3D350A Rev. 2)	ID1 Card	1.6.2	2.2.3	Convego Apply V162-210	10, 18	10, 17, 18	Y
Protec Secure Card LLC	LBPTSC03327A	SECORA Pay SLJ32PD D1	13 Aug 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Protec Secure Card LLC	LBPTSC03385A	Protec-J3H0XX-MVA3-2.1-281G1 PL6	26 Nov 2018	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Protec Secure Card LLC	LBPTSC03603A	Protec ML4-P18 Dual Interface	26 Feb 2019	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	Y
Protec Secure Card LLC	LBPTSC04131A	Protec GP68D1118 v1.0	03 Jun 2020	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Protec Secure Card LLC	LBPTSC04375A	Protec KONA 2 C2201S	22 Jan 2021	N	12 Nov 2031	Contact	S3K200B	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		Y
Protec Secure Card LLC	LBPTSC04611A	VSDC R5 on MC4-P23 v1.0	28 Jul 2021	N	17 Jul 2029	Contact	Centaurus_FB_04 / RevF	ID1 Card	1.5.4		VSDC R5 v2.1	10, 18		N
Protec Secure Card LLC	LBPTSC04612A	VSDC R5 on SC4-P23 v1.0	10 Aug 2021	N	17 Jul 2029	Contact	Centaurus_FB_04 / RevF	ID1 Card	1.5.4		VSDC R5 v2.1	10, 18		N
Protec Secure Card LLC	LBPTSC04718A	SECORA" Pay SLJ37P D1 VISA V2.8.1G1	03 Mar 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Protec Secure Card LLC	LBPTSC05381A	Protec-J3R0XX-281G1	14 Apr 2023	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Protec Secure Card LLC	LBPTSC05649A	Protec Advantis Contactless Duo + 28 ver 1.0	13 Feb 2024	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
PT Cipta Srigati Lestari	LBCIPT04052A	SECORA" Pay SLJ32PD D1 VISA V2.8.1.G1	30 Apr 2020	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
PT Cipta Srigati Lestari	LBCIPT04472A	Solvo Fly 10 / SPS	07 May 2021	N	28 Oct 2028	Dual	S3D350A / Rev2	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
PT Cipta Srigati Lestari	LBCIPT04627A	Secora Pay SLJ32PDE080X4	28 Jul 2021	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
PT Cipta Srigati Lestari	LBCIPT04892A	SECORA" Pay SLJ37P D1 VISA V2.8.1G1	14 Feb 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
PT Cipta Srigati Lestari	LBCIPT05487A	SLJ26P D1 VISA V2.8.1G1	21 Jul 2023	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
PT Cipta Srigati Lestari	LBCIPT05663A	SLJ26P D1 VISA V2.8.1G1 NSICCS	04 Mar 2024	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
PT Jasuindo Tiga Perkasa,Tbk	LBJASU03465A	JID 2.0 STANDARD	12 Feb 2020	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
PT Jasuindo Tiga Perkasa,Tbk	LBJASU03514A	SECORA" Pay SLJ32PD D1 VISA V2.9	27 Mar 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
PT Jasuindo Tiga Perkasa,Tbk	LBJASU03727A	SECORA" Pay SLJ 32PCA016X2 VSDC 2.8.1G1	17 May 2019	N	30 Jan 2029	Contact	IFX_ECL_1Bh [03h]	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		N
PT Jasuindo Tiga Perkasa,Tbk	LBJASU03895A	Solvo Fly 10	08 Feb 2021	N	28 Oct 2028	Dual	S3D350A / Rev2	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
PT Jasuindo Tiga Perkasa,Tbk	LBJASU04070A	Cosmo Fly v6.0	20 Aug 2020	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
PT Jasuindo Tiga Perkasa,Tbk	LBJASU04215A	V0/1x-J3Rxxx-2.9 4.0	09 Apr 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
PT Jasuindo Tiga Perkasa,Tbk	LBJASU04274A	Solvo Fly 10 SPS	21 Oct 2020	N	28 Oct 2028	Dual	S3D350A / Rev2	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
PT Jasuindo Tiga Perkasa,Tbk	LBJASU05053A	SECORA" Pay SLJ37P D1 VISA V2.8.1G1	07 Jul 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
PT Jasuindo Tiga Perkasa,Tbk	LBJASU05153A	SECORA" Pay SLJ32PDE080X4	27 Sep 2022	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
PT Jasuindo Tiga Perkasa,Tbk	LBJASU05485A	SLJ26P D1 VISA V2.8.1G1	14 Nov 2023	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
PT Jasuindo Tiga Perkasa,Tbk	LBJASU05608A	SPS JCOP4 2.9 2.0 1X DUAL6 4B219	14 Nov 2023	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
PT Wahyu Kartumasindo International	LBWAHY04088A	WKI-G29-SP, 1.0	01 Mar 2021	N	28 Oct 2028	Dual	S3D350A, Rev 2	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
PT Wahyu Kartumasindo International	LBWAHY04114A	WKI-G29-CN, 1.0	15 Jun 2020	N	28 Oct 2028	Dual	S3D350A, Rev 2	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
PT Wahyu Kartumasindo International	LBWAHY04208A	WKI-P71-CN, 1.0	24 Aug 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
PT Wahyu Kartumasindo International	LBWAHY04397A	WKI-P71-SP	16 Feb 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
PT Wahyu Kartumasindo International	LBWAHY04411A	Solvo Fly 10	07 May 2021	N	28 Oct 2028	Dual	S3D350A / Rev2	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
PT Wahyu Kartumasindo International	LBWAHY05011A	WKI-G33CN, 1.0	01 Nov 2022	N	22 Jun 2032	Dual	S3D384C, Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
PT Wahyu Kartumasindo International	LBWAHY05207A	WKI-ST12-CN and 1.0	03 Jan 2023	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
PT Wahyu Kartumasindo International	LBWAHY05601A	WKI-ST12-CN and 1.1	26 Jan 2024	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
PT Wahyu Kartumasindo International	LBWAHY05794A	WKI-G33CNB, 1.0	27 May 2024	N	22 Jun 2032	Dual	S3D384C, Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Redsys Servicios De Procesamiento, S.L	LBREDS03129A	Advantis JCrypto GP Dual 1.1	16 Jul 2018	N	30 Apr 2025	Dual	SR31ZD22	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17	N
Redsys Servicios De Procesamiento, S.L	LBREDS03144A	Advantis JCrypto GP Dual 1.1	24 Jul 2018	N	30 Apr 2025	Dual	SR31ZD22	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17	N
Redsys Servicios De Procesamiento, S.L	LBREDS03173C	Advantis JPay Contactless Trio ver 1.0	16 Sep 2019	N	24 Apr 2027	Dual	ST31G480	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Redsys Servicios De Procesamiento, S.L	LBREDS03226A	Advantis Contactless Duo ver 8.3	19 Oct 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [2Eh]	ID1 Card	1.5.4	2.1.3	Advantis Visa VSDC and VCPS application Implementation ver 8.3	10, 18	10, 17, 18	Y
Redsys Servicios De Procesamiento, S.L	LBREDS03328A	Advantis JCrypto GP Dual 1.1	24 Jul 2018	N	30 Apr 2025	Dual	SR31ZD22	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17	N
Redsys Servicios De Procesamiento, S.L	LBREDS03529A	Advantis JCrypto GP Dual 1.1 - Foil	07 Jan 2019	N	30 Apr 2025	Dual	SR31ZD22	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17	N
Redsys Servicios De Procesamiento, S.L	LBREDS03565A	Advantis Crypto Duo 7.3	19 Jun 2019	N	30 Jan 2029	Contact	IFX_ECL_1Bh[1h] (SLC32PCA300)	ID1 Card	1.5.4		Advantis Visa VSDC application Implementation ver 7.3	10, 18		Y
Redsys Servicios De Procesamiento, S.L	LBREDS03765A	Advantis JPay Contactless Trio ver 1.0 Te-Connect	05 Dec 2019	N	24 Apr 2027	Dual	ST31G480	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Redsys Servicios De Procesamiento, S.L	LBREDS03848A	Advantis JPay Contactless Trio Valid WB ver 1.0	08 Oct 2019	N	24 Apr 2027	Dual	ST31G480	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Redsys Servicios De Procesamiento, S.L	LBREDS03865B	Advantis JPay Contactless Trio FOIL ver 1.0	08 Feb 2021	N	24 Apr 2027	Dual	ST31G480	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Redsys Servicios De Procesamiento, S.L	LBREDS03890A	Advantis Contactless Visa Cash ver 1.0	23 Dec 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [1Dh]	ID1 Card	1.5.4	2.1.3	Advantis Visa VSDC and VCPS application Implementation ver 8.3	10, 18	10, 17, 18	Y
Redsys Servicios De Procesamiento, S.L	LBREDS04211A	Advantis Wearables S1	05 Aug 2020	N	09 Dec 2028	Contactless	IFX_ECL_12h [4Ch]	Micro-tag		2.1.3	VSDC 2.8.1g1		10, 17, 18	N
Redsys Servicios De Procesamiento, S.L	LBREDS04214A	Advantis Contactless Trio Plus ver 1.0	25 Feb 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	Advantis VISA Applet v1	10, 18	10, 17, 18	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Redsys Servicios De Procesamiento, S.L	LBREDS04317A	Advantis Sticker S1	26 Mar 2021	N	09 Dec 2028	Contactless	IFX_ECL_12h [4Ch]	Adhesive Micro Tag (Sticker)		2.1.3	VSDC 2.8.1g1		10, 17, 18	N
Redsys Servicios De Procesamiento, S.L	LBREDS04476A	Advantis Contactless Trio Plus 2.9 ver 1.0	29 Jun 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
Redsys Servicios De Procesamiento, S.L	LBREDS04669A	Advantis Contactless Trio Plus CPACE ver 1.0	09 Nov 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	Advantis VISA Applet v1	10, 18	10, 17, 18	N
Redsys Servicios De Procesamiento, S.L	LBREDS04925A	Advantis Contactless Duo Plus ver 1.0	22 Jun 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Redsys Servicios De Procesamiento, S.L	LBREDS2121B	Advantis Doo	13 Jan 2016	N	15 Apr 2025	Contact	SB23Z012	ID1 Card	1.5.4		Visa SDA Online Only	10, 18		N
Redsys Servicios De Procesamiento, S.L	LBREDS2237A	Advantis JCrypto GP Dual	01 Nov 2016	N	30 Apr 2025	Dual	SR31ZD22	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
Redsys Servicios De Procesamiento, S.L	LBREDS2562A	Advantis JCrypto DDA 1.2	15 Jun 2017	N	15 Apr 2025	Contact	SC23Z018	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Redsys Servicios De Procesamiento, S.L	LBREDS2563A	Advantis Crypto - ver 7.2	20 Dec 2016	N	15 Apr 2025	Contact	SC23Z018	ID1 Card	1.5.4		VSDC v7.1	10, 18		N
Redsys Servicios De Procesamiento, S.L	LBREDS2624A	Advantis ver 7.2	27 Feb 2017	N	22 Jan 2028	Contact	SLE77CF1204P	ID1 Card	1.5.4		Visa SDA Online Only v7.2	10, 18		N
Rosan Diamond AG	LBROSA03661A	SLJ32PD v. 1	29 Oct 2019	Y	09 Dec 2028	Contactless	IFX_ECL_12h [4Ch]	Micro-tag		2.2	VSDC 2.9		10, 17, 18, 22	N
Rosan Diamond AG	LBROSA03662A	HSLJ32PD v. 1	01 Nov 2019	N	09 Dec 2028	Contactless	IFX_ECL_12h [4Ch]	Micro-tag		2.2	VSDC 2.9		10, 17, 18, 22	N
Rosan Finance	LBROSE03036A	Kona2 D1081 version 1.0	01 Nov 2017	N	21 May 2027	Dual	P60D081 yVB	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Rosan Finance	LBROSE03042A	Kona2 D1025 version 1.0	03 Nov 2017	N	21 May 2027	Dual	P60D081 yVB	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Rosan Finance	LBROSE03133A	CE 7.2 V15-SS-T10	20 Feb 2018	N	22 Jan 2028	Contact	M5074 G11 (SLE77CF1204P)	ID1 Card	1.5.4		VISA 1.5.4	10, 18		N
Rosan Finance	LBROSE03254A	SECORA " Pay SLJ32PDA016X1 - SLJ32PDL080X1	13 Jun 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Rosan Finance	LBROSE03921A	KONA2 D1321	08 Apr 2021	N	22 Nov 2030	Dual	N7121	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
Rosan Finance	LBROSE03922A	KONA2 D2350	27 Apr 2020	N	28 Oct 2028	Dual	S3D350A	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
Rosan Finance	LBROSE2749A	Kona2 D2320 Rosan v 1.0	10 Apr 2017	N	02 Jul 2027	Dual	S3FT9MG	ID1 Card	1.5.3	2.1.2	VSDC 2.8.1f1	10, 18	10, 17, 18	N
Secure Platforms Technology Co. Ltd.	LSPTC03000A	SP66 v1.0	31 Jan 2018	N	09 Dec 2028	Dual	IFX_ECL_12h	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Secure Platforms Technology Co. Ltd.	LBSPTC03259A	SP55 v1.0	15 Nov 2018	N	30 Jan 2029	Contact	IFX_ECI_1Bh	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
Secure Platforms Technology Co. Ltd.	LBSPTC05398A	SP77 1.0	06 Feb 2024	N	03 Apr 2032	Dual	IFX_ECL_54h S11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Secure Platforms Technology Co. Ltd.	LBSPTC2340A	SP38	05 Feb 2016	N	29 Mar 2025	Contact	S3FT9PE	ID1 Card	1.5.3		VSDC 2.8.1f1	10, 18		N
SecureID Limited	LBSECU03324A	SID Converge Air R9 2.8.1G 1.0.0	19 Sep 2018	N	09 Dec 2028	Dual	SLC32PD - IFX_ECI_12h[1h-58h] , Version H13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
SecureID Limited	LBSECU04336A	Onyx Air v1.0	01 Apr 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
SecureID Limited	LBSECU04373A	SID Converge 541 v1.0.0	01 Jun 2021	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	Y
SecureID Limited	LBSECU04589A	Sid Converge K50 lix v1.0	25 Aug 2021	N	28 Oct 2028	Dual	S3D350A	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
SecureID Limited	LBSECU05143A	SID Converge Gamma 4.0VSDC2.8.1G1 DI	31 Aug 2022	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
SecureID Limited	LBSECU05146A	SID Converge Gamma 4.0VSDC2.9.2DI	31 Aug 2022	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
SecureID Limited	LBSECU05489A	SID Converge LXS-Pay-V0_4x P71 01-04-02-2.9.2 1.0	02 May 2024	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
SecureID Limited	LBSECU05622A	Contactless R13 v1.0	08 Jan 2024	N	03 Apr 2032	Dual	SLC36PDL352, IFX ECI 54 [1h-14h]	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
SecureID Limited	LBSECU05862A	SID Converge Kona2 D2384 V2.0	08 Nov 2024	N	22 Jun 2032	Dual	S3D384C Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
SecureID Limited	LBSECU05987A	SID Converge Convego Join C.10 r1 vx	14 Nov 2024	N	06 Sep 2031	Dual	ST31P450 Rev C	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Security Printing Press	LBSPPR04631A	SPP-J3Rxxx-DI-P71-2.8.1g1	29 Oct 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Security Printing Press	LBSPPR04632A	SPP-J3Rxxx-CL-P71-2.8.1g1	29 Oct 2021	N	22 Nov 2030	Contactless	N7121 B1	ID1 Card		2.1.3	VSDC 2.8.1g1		10, 17, 18	N
Security Printing Press	LBSPPR04696A	SPP-J3Rxxx-CL-UHF-P71-2.8.1g1	15 Dec 2021	N	22 Nov 2030	Contactless	N7121 B1	ID1 Card (Electronic Components)		2.1.3	VSDC 2.8.1g1		10, 17, 18	N
SELP Solutions Spain	LBSELP03303A	Advantis JCrypto GP Dual 1.1	17 Jul 2018	N	30 Apr 2025	Dual	SR31ZD22	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17	N
SELP Solutions Spain	LBSELP03434A	UBJ31 G28 VISA 2.8.1G	13 Sep 2019	N	09 Dec 2028	Dual	IFX_ECL_Fh, H13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
SELP Solutions Spain	LBSELP03698A	STPAY -Tiger - 1.3 v1.0	13 Sep 2019	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
SELP Solutions Spain	LBSELP03699A	SECORA PAY VISA 2.8.1.G1	16 Jul 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
SELP Solutions Spain	LBSELP03768A	Advantis JCrypto GP Dual 1.1	10 Jul 2019	N	30 Apr 2025	Dual	SR31ZD22	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17	N
SELP Solutions Spain	LBSELP03863A	P71 JCOP4 VISA2.8.1G1 TO	14 Feb 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
SELP Solutions Spain	LBSELP03864A	P71 JCOP4 VISA 2.9 T0	12 Feb 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
SELP Solutions Spain	LBSELP03929A	SELP-SECORA PAY VISA 2.9	21 Oct 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
SELP Solutions Spain	LBSELP03930A	SELP-SECORA PAY SLJ32PD D1 VISA V2.8.1G1	21 Oct 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
SELP Solutions Spain	LBSELP03955A	Advantis JPay Contactless Trio ver. 1.0	13 Dec 2019	N	24 Apr 2027	Dual	ST31G480	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
SELP Solutions Spain	LBSELP04201A	STPAY Tiger-2.1 V1.0	28 Jul 2020	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
SELP Solutions Spain	LBSELP04514A	V0/CB-J3Rxxx-VIDI20 2.0	13 Apr 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.2	2.2.3	VIDI 2.0	10, 18, 22	10, 17, 18, 22	N
SELP Solutions Spain	LBSELP05558A	Ucard UB31-G31(ST31P450), 1.0	29 Sep 2023	N	06 Sep 2031	Dual	ST31P450, Rev.C	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
SELP Solutions Spain	LBSELP05700A	SELP ON SLJ26P D1 VISA V2.8.1G1	07 Mar 2024	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
SELP Solutions Spain	LBSELP05716A	SELP on STPAY Topaz-1 v2.0	09 Jul 2024	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
SELP Solutions Spain	LBSELP05726A	SELP on STPAY Topaz-1 v2L.0	09 Jul 2024	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
SELP Solutions Spain	LBSELP05839A	SELP on Advantis TrioPlus	05 Aug 2024	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	Advantis VISA applet v1	10, 18	10, 17, 18	N
Seshaasai Business Forms Private Limited	LBSESH04275A	SESH-SCDBLR-ECP-DI-v1	26 Nov 2020	N	24 Apr 2027	Dual	ST31G480 Revision H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Seshaasai Business Forms Private Limited	LBSESH04881A	SBFSCD/SFLHAUDA/V1.01	08 Feb 2022	N	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
Seshaasai Business Forms Private Limited	LBSESH05160B	SBFSCD_VCMC_ATO11LS_1.03	02 Feb 2023	Y	06 Sep 2031	Dual	ST31P450	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Seshaasai Business Forms Private Limited	LBSESH05255A	SBFSCD_VCMC_ATO11LS_1.06	02 Feb 2023	N	06 Sep 2031	Dual	ST31P450	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Seshaasai Business Forms Private Limited	LBSESH05446A	SBF_VCDL_ATO11SPSS_1.12	21 Sep 2023	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Shanghai Puijiang Smart Card Systems Co., Ltd.	LBPSPC04043A	PJV012 V1.0	28 Feb 2020	N	28 Oct 2028	Dual	S3D350A	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	Y
Shanghai Puijiang Smart Card Systems Co., Ltd.	LBPSPC04581A	PJ Minitag Secora Pay Visa v2.8.1g1	20 Aug 2021	N	09 Dec 2028	Contactless	IFX_ECL_12h [4Ch]	Micro-tag		2.1.3	VSDC 2.8.1g1		10, 17, 18	N
Shanghai Puijiang Smart Card Systems Co., Ltd.	LBPSPC05310A	PJV021 V1.0	23 Feb 2023	N	03 Feb 2034	Dual	THD89-F350A Rev.1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Shanghai Puijiang Smart Card Systems Co., Ltd.	LBSPPSC05311A	PJV021 V1.0	23 Feb 2023	N	03 Feb 2034	Dual	THD89-F350A Rev.1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Shoei Printing Co. Ltd.	LBSHOE03509A	FS Sigma402V4	03 Jan 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [43h] / H13	ID1 Card	1.5.4	2.1.2	FS Sigma payWave c-v1.7.0	10, 18	10, 17, 18	N
Shoei Printing Co. Ltd.	LBSHOE03992A	PROFINIA F404V1 v1.0	09 Dec 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Shoei Printing Co. Ltd.	LBSHOE04168A	FS Sigma402V4_Slv	04 Jun 2020	N	09 Dec 2028	Dual	IFX_ECL_12h [43h] / H13	ID1 Card	1.5.4	2.1.2	FS Sigma payWave c-v1.7.0	10, 18	10, 17, 18	N
Shoei Printing Co. Ltd.	LBSHOE04270A	PROFINIA F403V1 v1.0	22 Oct 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Shoei Printing Co. Ltd.	LBSHOE04850A	PROFINIA F405V1 v1.0	28 Jan 2022	N	03 Apr 2032	Dual	IFX_ECL_2Fh[9h-Ch]	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Shoei Printing Co. Ltd.	LBSHOE04864A	PROFINIA F405V1 v1.0-slv	28 Jan 2022	N	03 Apr 2032	Dual	IFX_ECL_2Fh[9h-Ch]	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Shoei Printing Co. Ltd.	LBSHOE05803A	SP-PROFINIA F406V1 v1.0	14 Jun 2024	N	11 Aug 2035	Dual	S3D384E	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
SIBS Cartoes	LBSIBS04130A	UCR Cartosis V0.0	15 May 2020	N	02 Jul 2027	Dual	Samsung S3FT9MG	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
SIBS Cartoes	LBSIBS04605A	UCR Cartosis V2.0	20 Sep 2021	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
SIBS Cartoes	LBSIBS04643A	UCR Cartosis V3.0	30 Aug 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.2	2.2.3	VIDI 2.0	10, 18, 22	10, 17, 18, 22	N
SIBS Cartoes	LBSIBS04822A	UCR Cartosis V5.0	20 Jan 2022	N	03 Apr 2032	Dual	IFX_ECL_53h [01h-1EH] S11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
SIBS Cartoes	LBSIBS05033A	UCR Cartosis V4.1	01 Aug 2022	N	09 Dec 2028	Dual	FX_ECL_Fh, H13	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
Silone Cardtech Co., Ltd.	LBSILO04970A	SL DC VSDC292v101	05 May 2022	N	12 Mar 2032	Dual	CIU9872B_01	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
SITRONICS Smart Technologies	LBSITR2625A	SST_DL_QS_NV18 v.1	13 Jan 2017	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VIDI 1.0	10, 18	10, 17, 18	N
Smart Packaging Solutions	LBSPPSS04156A	V0/4x-J3Rxxx-2.8.1g1 2.0 DUAL6	01 Jul 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Smart Packaging Solutions	LBSPPSS04280A	SPS JCOP4 2.8.1.g1 2.0 4X DUAL6 4B219F1	21 Dec 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Smart Packaging Solutions	LBSPPSS04298A	SPS JCOP4 2.8.1.g1 1X DUAL6 4B219	11 Jan 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Smart Packaging Solutions	LBSPPSS04310A	SPS JCOP4 2.9 2.0 1X DUAL6 4B219	01 Feb 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Smart Packaging Solutions	LBSPPSS04318A	SPS JCOP4 2.9.2.0 1X DUAL6 4B219F1	01 Feb 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Smart Packaging Solutions	LBSPPSS04339A	SPS JCOP4 2.8.1g1 1X DUAL6 4S257T	01 Feb 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Smart Packaging Solutions	LBSPSS04340A	SPS JCOP4 2.8.1g1 4X DUAL6 4S257T	08 Feb 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Smart Packaging Solutions	LBSPSS04341A	SPS JCOP4 2.9 2.0 1X DUAL6 4S257T	08 Feb 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Smart Packaging Solutions	LBSPSS04382A	SPS JCOP4 2.8.1.g1 1X DUAL6 4B219F11	15 Feb 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Smart Packaging Solutions	LBSPSS04383A	SPS JCOP4 2.8.1.g1 1X DUAL6 5B259F11	13 Aug 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Smart Packaging Solutions	LBSPSS04384A	SPS JCOP4 2.8.1.g1 2.0 4X DUAL6 5B259F11	06 Apr 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Smart Packaging Solutions	LBSPSS04392A	SPS JCOP4 2.8.1g1 1X DUAL6 5B259	30 Sep 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Smart Packaging Solutions	LBSPSS04393A	SPS JCOP4 2.8.1g1 2.0 4X DUAL6 5B259	30 Sep 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Smart Packaging Solutions	LBSPSS04405A	SPS JCOP4 2.9 2.0 1X DUAL6 5B259F11	13 Aug 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Smart Packaging Solutions	LBSPSS04406A	SPS JCOP4 2.9 2.0 1X DUAL6 5B259	30 Sep 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Smart Packaging Solutions	LBSPSS04629A	SPS Topaz-1 v1.0 DUAL6 5B259F11	19 Nov 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Smart Packaging Solutions	LBSPSS04634A	SPS Topaz-1 v3.0 DUAL6 5B259F11	30 Nov 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Smart Packaging Solutions	LBSPSS04672A	SPS Topaz-1 v1.0 DUAL6 5B259	22 Nov 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Smart Packaging Solutions	LBSPSS04682A	SPS Topaz-1 v.3.0 DUAL6 5B259	30 Nov 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Smart Packaging Solutions	LBSPSS04683A	SPS Topaz-1 v.2.0 DUAL6 4S244T	29 Oct 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
Smart Packaging Solutions	LBSPSS04684A	SPS Topaz-1 v.2L.0 DUAL6 4S244T	01 Nov 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
Smart Packaging Solutions	LBSPSS04685A	SPS Topaz-1 v.3.0 DUAL6 4S244T	10 Jan 2022	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Smart Packaging Solutions	LBSPSS04686A	SPS Topaz-1 v.3L.0 DUAL6 4S244T	10 Jan 2022	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Smart Packaging Solutions	LBSPSS04729A	STPAY SPS Topaz-1 vA.1 5B259F11	29 Oct 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y

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Smart Packaging Solutions	LBSPSS04730A	STPAY SPS Topaz-1 vA.1 5B259	03 Nov 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Smart Packaging Solutions	LBSPSS04769A	Ucard SPS UBJ31-G31 (ST31P450) B259F11	17 Jan 2022	N	06 Sep 2031	Dual	ST31P450, Rev.C	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
Smart Packaging Solutions	LBSPSS04770A	Ucard SPS UBJ31-G31 (ST31P450) B259	17 Jan 2022	N	06 Sep 2031	Dual	ST31P450, Rev.C	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
Smart Packaging Solutions	LBSPSS04778A	SPS Topaz-1 v2L.0 DUAL6 5B259	17 Jan 2022	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
Smart Packaging Solutions	LBSPSS04790A	SPS Topaz-1 v4.0 DUAL6 5B259F11	04 Feb 2022	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Smart Packaging Solutions	LBSPSS04791A	SPS Topaz-1 v4.0 DUAL6 5B259	04 Feb 2022	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Smart Packaging Solutions	LBSPSS05082A	SPS UranusMVP-Multi V2.7 DUAL6 3B199	03 Oct 2022	Y	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
Smart Packaging Solutions	LBSPSS05087A	SPS TimeCOS ePay_D DUAL6 3B199	03 Oct 2022	N	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Smart Packaging Solutions	LBSPSS05091A	SPS Ucard UBJ31-G33 (S3D384C) 4B266	22 Dec 2022	N	22 Jun 2032	Dual	S3D384C, Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Smart Packaging Solutions	LBSPSS05121A	SPS TMCOS V4.0 DUAL6 4B219	23 Dec 2022	N	03 Feb 2034	Dual	THD89-F350A Rev.1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Smart Packaging Solutions	LBSPSS05222A	SPS Topaz-1 v2.0 DUAL6 WB019	23 Mar 2023	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
Smart Packaging Solutions	LBSPSS05323A	SPS Topaz-1 v3.0 DUAL6 WB019	22 May 2023	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Smart Packaging Solutions	LBSPSS05386A	SPS Topaz-1 v1.2 DUAL6 5B259	28 Apr 2023	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Smart Packaging Solutions	LBSPSS05396A	Ucard SPS UBJ31-G31 (ST31P450) B259F11 v.1.0	09 Oct 2023	N	06 Sep 2031	Dual	ST31P450, Rev.C	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
Smart Packaging Solutions	LBSPSS05422A	SPS JCOP4 2.9 2.0 1X DUAL6 WB019	27 Sep 2023	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Smart Packaging Solutions	LBSPSS05423A	SPS JCOP4 2.8.1g1 2.0 4X DUAL6 WB019	05 Oct 2023	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Smart Packaging Solutions	LBSPSS05879A	SPS-VJ3S-2.9.2_5.0	28 Aug 2024	N	13 Jun 2036	Dual	N7123 A0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Smart Systems (ISBC)	LBISBC03318A	AIRTAG Pay v43.11	03 Dec 2018	N	21 May 2027	Contactless	P6021J VB	Fob		2.1.3	NXP VID1 1.0		10, 17, 18	N

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Smartflex Technology Pte Ltd	LBSFTP04314A	SF_UBJ31-G29_S3D350A_1.0	30 Mar 2021	N	28 Oct 2028	Dual	S3D350A	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Smartflex Technology Pte Ltd	LBSFTP04748A	SFBravo_ECPJCES_CIU9872B_01 C14_3.0	20 Dec 2021	N	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
Smartflex Technology Pte Ltd	LBSFTP05462A	SFBravo_UBJ31-G33_S3D384C_1.0	12 Oct 2023	N	22 Jun 2032	Dual	S3D384C, Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
STMicronics N.V.	LBSTMI02941B	STPAY_Tiger_IRON v1.1 Dual6	21 Jun 2018	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
STMicronics N.V.	LBSTMI03029A	Prisma CP5 EMV Plus Contact, v1	28 Sep 2017	N	24 Apr 2027	Contact	T31G480 rev H	ID1 Card	1.5.4		EMV Plus 3.1d	10, 18		N
STMicronics N.V.	LBSTMI03100A	STPAY_Tiger v1.1 Dual6	23 Jan 2018	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18	10, 17, 18, 22	N
STMicronics N.V.	LBSTMI03100B	STPAY_Tiger v1.1 Dual6	03 Jul 2018	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
STMicronics N.V.	LBSTMI03113A	STPAY-IVORY v1.0 Dual6	15 May 2018	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18	10, 17, 18, 22	N
STMicronics N.V.	LBSTMI03139B	STPAY Tiger-1.3b v1.0	04 Jan 2019	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
STMicronics N.V.	LBSTMI03189A	STPAY Tiger-1.1 v1.0	23 Aug 2018	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
STMicronics N.V.	LBSTMI03191A	Prisma CP5 v3 VsdC Plus, v1	31 May 2018	N	24 Apr 2027	Dual	ST31G480 rev H	ID1 Card	1.6.1	2.2	VSDC Plus 1.2a	10, 18, 22	10, 17, 18, 22	N
STMicronics N.V.	LBSTMI03192A	Prisma CP5v3 EMV Plus, v1	31 May 2018	N	24 Apr 2027	Dual	ST31G480 rev H	ID1 Card	1.5.4	2.1.3	EMV Plus 3.1d1	10, 18	10, 17, 18	N
STMicronics N.V.	LBSTMI03203A	STPAY Tiger-1.1 v1.0	23 Aug 2018	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
STMicronics N.V.	LBSTMI03291A	Prisma CP5v3 VsdC Plus - contact, v1	05 Jun 2018	N	24 Apr 2027	Contact	ST31G480 rev H	ID1 Card	1.6.1		VSDC Plus 1.2a	10, 18, 22		N
STMicronics N.V.	LBSTMI03292A	Prisma CP5v3 EMV Plus - contact, v1	05 Jun 2018	N	24 Apr 2027	Contact	ST31G480 rev H	ID1 Card	1.5.4		EMV Plus 3.1d1	10, 18		N
STMicronics N.V.	LBSTMI03313A	STPAY_Tiger-1.2 v1.0	30 Aug 2018	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
STMicronics N.V.	LBSTMI03425A	STPAY Blue Amber-2.1 v1.0	31 Jan 2019	N	13 Jul 2027	Contact	ST31H320 (K8N0)	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		N
STMicronics N.V.	LBSTMI03519A	STPAY-Tiger-1.4 v1.0	25 Feb 2019	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
STMicronics N.V.	LBSTMI03636A	STPAY_Tiger v1.1 Dual6	20 Mar 2019	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
STMicronics N.V.	LBSTMI03681A	STPAY Tiger-2.1 V1.0	23 Sep 2019	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
STMicronics N.V.	LBSTMI03682A	STPAY Tiger-2.2 V1.0	23 Sep 2019	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
STMicronics N.V.	LBSTMI03891B	STPAY Topaz-1 v1.0	17 Sep 2020	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
STMicronics N.V.	LBSTMI03892A	STPAY Topaz-1 v2.0	17 Jan 2020	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
STMicronics N.V.	LBSTMI03925A	STPAY Sapphire-1 v1.0	17 Jan 2020	N	06 Sep 2031	Contact	ST31P450	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		Y

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STMicroelectronics N.V.	LBSTMI03926A	STPAY Sapphire-1 v2.0	17 Jan 2020	N	06 Sep 2031	Contact	ST31P450	ID1 Card	1.6.2		VSDC 2.9.1	10, 18, 22		Y
STMicroelectronics N.V.	LBSTMI04082A	Prisma CP6v1	24 Jun 2020	N	06 Sep 2031	Dual	ST31P450 Rev C	ID1 Card	1.6.2	2.2.3	Vsdc+ 2.0	10, 18	10, 17, 18, 22	Y
STMicroelectronics N.V.	LBSTMI04092A	STPAY Topaz-1 v3.0	30 Mar 2020	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
STMicroelectronics N.V.	LBSTMI04093A	STPAY Sapphire-1 v3.0	30 Mar 2020	N	06 Sep 2031	Contact	ST31P450	ID1 Card	1.5.4		VSDC 2.8.1g1	10, 18		Y
STMicroelectronics N.V.	LBSTMI04105A	STPAY Topaz-1 v7.0	18 May 2020	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
STMicroelectronics N.V.	LBSTMI04144A	STPAY Topaz-1 v6.0	27 May 2020	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
STMicroelectronics N.V.	LBSTMI04196A	STPAY Topaz-1 v3.0 foil	30 Oct 2020	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
STMicroelectronics N.V.	LBSTMI04237A	Prisma CP6v2	09 Apr 2021	N	06 Sep 2031	Dual	ST31P450 Rev C	ID1 Card	1.6.2	2.2.3	Vsdc+ 2.0 - 1.0	10, 18, 22	10, 17, 18, 22	Y
STMicroelectronics N.V.	LBSTMI04306A	STPAY Topaz-1 v4.0	26 Nov 2020	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
STMicroelectronics N.V.	LBSTMI04307A	STPAY Topaz-1 v5.0	26 Nov 2020	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
STMicroelectronics N.V.	LBSTMI04328A	STPAY Sapphire-1 v5.0	03 Dec 2020	N	06 Sep 2031	Contact	ST31P450	ID1 Card	1.6.2		VSDC 2.9.1	10, 18, 22		Y
STMicroelectronics N.V.	LBSTMI04347A	STPAY Topaz-1 v7.0.1	22 Dec 2020	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
STMicroelectronics N.V.	LBSTMI04532A	STPAY Topaz-1 v2L.0	03 May 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
STMicroelectronics N.V.	LBSTMI04561A	STPAY Topaz-1 v3L.0	06 May 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
STMicroelectronics N.V.	LBSTMI04691A	STPAY_FELIPAY_3 v1.0	03 Mar 2022	N	22 Oct 2033	Dual	ST31N600	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
STMicroelectronics N.V.	LBSTMI04713A	STPAY Topaz-1 vA.1	28 Sep 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
STMicroelectronics N.V.	LBSTMI05049B	STPAY Topaz-BioF1 V1.0	30 Mar 2023	N	22 Oct 2033	Dual	ST31N600	ID1 Card (Biometric)	1.6.3	2.2.4	Convego Apply V163-240	10, 18, 22	10, 17, 18, 22	Y
STMicroelectronics N.V.	LBSTMI05306A	STPAY Topaz-1 v1.2	06 Apr 2023	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
STMicroelectronics N.V.	LBSTMI05412B	STPAY TopazBioF1.2 v1.0	12 Apr 2024	N	22 Oct 2033	Dual	ST31N600	ID1 Card (Biometric)	1.6.3	2.2.4	VSDC 2.9.2 CFS Build 240229	10, 18, 22	10, 17, 18, 22	Y
STMicroelectronics N.V.	LBSTMI05644A	STPAY Topaz-1 vE.0	18 Jun 2024	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
STMicroelectronics N.V.	LBSTMI05757A	STPAY Topaz-X1 v1.0	04 Oct 2024	N	22 Oct 2033	Dual	ST31N600	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
STMicroelectronics N.V.	LBSTMI05761A	STPAY Topaz-X1 v2.0	31 Oct 2024	N	22 Oct 2033	Dual	ST31N600	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
STMicroelectronics N.V.	LBSTMI05785A	STPAY Topaz-1 v7.0.1 TC	28 Jun 2024	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
STMicroelectronics N.V.	LBSTMI2503B	STPAY Blue Amber v1.0.0	18 Jun 2018	N	13 Jul 2027	Contact	ST31H320 (K8N0)	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
STMicroelectronics N.V.	LBSTMI2510B	STPAY Blue Amber v1.0.0	13 Jul 2018	N	13 Jul 2027	Contact	ST31H320 (K8N0)	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
STMicroelectronics N.V.	LBSTMI2738A	STPAY-IVORY v1.0	25 Apr 2017	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
STMicroelectronics N.V.	LBSTMI2796A	STPAY-IVORY v1.0	12 Jun 2017	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
STMicroelectronics N.V.	LBSTMI2812A	Prisma CP5 EMV Plus, v1	18 Sep 2017	N	24 Apr 2027	Dual	ST31G480 rev H	ID1 Card	1.5.4	2.1.3	EMV Plus 3.1d	10, 18	10, 17, 18	N
STMicroelectronics N.V.	LBSTMI2859A	STPAY_Tiger_Iron v1.0 Dual8	26 Jul 2017	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
STMicroelectronics N.V.	LBSTMI2900A	STPAY-IVORY v1.0	29 Jun 2017	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
STMicroelectronics N.V.	LBSTMI2907B	STPAY_Tiger v1.1 Dual6	21 Jun 2018	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
STMicroelectronics N.V.	LBSTMI2908B	STPAY_Tiger_Eye v1.1 Dual6	21 Jun 2018	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Sumavision Smart Card Co. Ltd.	LBSUMA2587A	SUMA_VISACARD V1.03	02 Feb 2017	N	30 Apr 2025	Dual	ST31-K330A (SR31Z052)	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
Taiwan Numerical Powers Co.,Ltd	LBTNPC03919A	TNP-J3R-V29T1 V1.0	06 Feb 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Taiwan Numerical Powers Co.,Ltd	LBTNPC2523A	TNP_J3H_xMF_T0	10 Aug 2016	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
Taiwan Numerical Powers Co.,Ltd	LBTNPC2553A	TNP_J3H_xMF_T1_R15	23 Jan 2017	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
Tangem AG	LBTNGM04256B	DC wallet Gen1 v1.1	09 Feb 2022	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.3	2.2.4	Tangem VSDC29 Applet	10, 18, 22	10, 17, 18, 22	Y
TECO ELECTRIC & MACHINERY CO., LTD.	LBTECO03937A	V1/1x-J3Rxxx-2.9 1.0	24 Feb 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
TECO ELECTRIC & MACHINERY CO., LTD.	LBTECO03939A	TST-R9 LED-Dual	28 May 2020	Y	09 Dec 2028	Dual	SLC32PD - IFX_ECI_12h	ID1 Card (Electronic Components)	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
TECO ELECTRIC & MACHINERY CO., LTD.	LBTECO2811A	TST.J3H.V.01	20 Oct 2017	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	NXP VID1 1.0	10, 18	10, 17, 18	N
Thales DIS France SAS	LBGEMA03076B	VSDC R5 on MC4-P18 V1.1	24 Jul 2018	N	09 Dec 2028	Contact	M5171 - SLC32PCA version G13	ID1 Card	1.5.4		VSDC R5 v2.0	10, 18		Y
Thales DIS France SAS	LBGEMA03408A	VSDC R5 on ML4-P18 CoM V1.1	03 Dec 2018	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	Y
Thales DIS France SAS	LBGEMA03658A	VSDC R5 on ML4-P18 V1.1	31 May 2019	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	N
Thales DIS France SAS	LBGEMA03733A	VSDC R5 on ML4-P18 Foil v1.1	18 Jul 2019	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	Y
Thales DIS France SAS	LBGEMA03900A	VSDC R5 on ML4-P18 Easy Metal Core Foil v1.1	29 Oct 2019	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card (Metal)	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Thales DIS France SAS	LBGEMA03901A	VSDC R5 on ML4-P18 Compact Metal Core Foil v1.1	29 Oct 2019	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card (Metal)	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	N
Thales DIS France SAS	LBGEMA2332A	VSDC R4 on MC4-P16	15 Sep 2016	N	13 Apr 2025	Contact	SC23Z018	ID1 Card	1.5.4		VSDC R4 v1.0	10, 18		N
Thales DIS France SAS	LBGEMA2850A	VSDC R4 on SC4-P20	18 Sep 2017	N	22 Jan 2028	Contact	M5074 G11	ID1 Card	1.5.4		VSDC R4 v1.7a	10, 18		N
Thales DIS France SAS	LBTHAL04135A	VSDC R5 on MC4-P23 v1.0	09 Apr 2020	N	17 Jul 2029	Contact	Centaurus_FB_04 / RevF	ID1 Card	1.5.4		VSDC R5 v2.1	10, 18		N
Thales DIS France SAS	LBTHAL04136A	VSDC R5 on SC4-P23 v1.0	09 Apr 2020	N	17 Jul 2029	Contact	Centaurus_FB_04 / RevF	ID1 Card	1.5.4		VSDC R5 v2.1	10, 18		N
Thales DIS France SAS	LBTHAL04137A	VSDC R5 on MC4-P23 v1.0	09 Apr 2020	N	17 Jul 2029	Contact	Centaurus_FB_04 / RevF	ID1 Card	1.5.4		VSDC R5 v2.1	10, 18		Y
Thales DIS France SAS	LBTHAL04138A	VSDC R5 on SC4-P23 v1.0	09 Apr 2020	N	17 Jul 2029	Contact	Centaurus_FB_04 / RevF	ID1 Card	1.5.4		VSDC R5 v2.1	10, 18		Y
Thales DIS France SAS	LBTHAL04547A	BSPC DI v3.1	04 Oct 2021	N	29 Mar 2028	Dual	P60D145 VB	ID1 Card (Biometric)	1.6.3	2.2.4	Dual VSDC 6.8	10, 18, 22	10, 17, 18, 22	N
Thales DIS France SAS	LBTHAL04548A	BSPC DI v3.1b Java	29 Oct 2021	N	20 Dec 2025	Dual	M7893 - B11	ID1 Card (Biometric)	1.6.3	2.2.4	Dual VSDC 6.8	10, 18, 22	10, 17, 18, 22	Y
Thames Card Technology	LBTHMS05501A	SLJ26P D1 VISA V2.9.2	25 Aug 2023	N	30 Nov 2034	Dual	IFX_ECL_75h (0x1A) H11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Thames Card Technology	LBTHMS05775A	SLJ26P D1 VISA V2.9.2 (Gold)	03 May 2024	N	30 Nov 2034	Contact	IFX_ECL_75h (0x1A) H11	ID1 Card (Metal)	1.6.3		VSDC 2.9.2	10, 18, 22		Y
Tongxin Microelectronics Co., Ltd.	LBTXME04954A	TMCOS V4.0	18 Jul 2022	N	03 Feb 2034	Dual	THD89-F350A Rev.1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Tongxin Microelectronics Co., Ltd.	LBTXME04993A	TMCOS V4.0	18 Jul 2022	N	03 Feb 2034	Dual	THD89-F350A Rev.1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
TOPPAN Edge (Hong Kong) Limited	LBTOPF03293A	Cosmo Fly v6.0	23 Aug 2018	N	09 Dec 2028	Dual	SLC32PDL348 / h13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
TOPPAN Edge (Hong Kong) Limited	LBTOPF04660A	TFCT Solvo Fly 30	30 Nov 2021	Y	21 Mar 2031	Dual	SCR300U Rev I	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	18, 22	17, 18, 22	N
TOPPAN Edge (Hong Kong) Limited	LBTOPF04794A	TFCT Mirach Gamma 4.0 v1.1	30 Nov 2021	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
TOPPAN Edge (Hong Kong) Limited	LBTOPF04833A	TFCT Mirach Gamma 4.0 v1.2	06 Dec 2021	N	05 Mar 2030	Dual	THD89 Rev. 1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
TOPPAN Edge (Hong Kong) Limited	LBTOPF05448A	Solvo Fly 40	31 Aug 2023	N	03 Apr 2032	Dual	SLC36PDL352 / S11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
TOPPAN Edge (Hong Kong) Limited	LBTOPF05976A	TEHK Mirach Gamma 4.1 v1.1	18 Oct 2024	N	03 Feb 2034	Dual	THD89-F350A Rev. 1.0	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
TOPPAN Edge (Thailand) Limited	LBDPTF03364A	DPTF_DI SLJ32PD D1 VISA V2.9	25 Jul 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
TOPPAN Edge (Thailand) Limited	LBDPTF03792A	DPTF_V0/1x-J3Rxxx-2.9 1.0	14 Aug 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
TOPPAN Edge (Thailand) Limited	LBDPTF04002A	DPTF_XH Mirach Gamma 3.0	05 Dec 2019	N	02 Jul 2027	Dual	S3FT9MG	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
TOPPAN Edge (Thailand) Limited	LBDPTF04544A	DPTF_JCOP4 P71 2.9 2.0 1X DUAL6	06 May 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Toppan Hogier S.A.S	LBHOGC03784A	SECORA" Pay SLJ32PD D1 VISA V2.8.1G1	01 Nov 2019	N	09 Dec 2028	Contactless	IFX_ECL_12h [4Ch]	Micro-tag		2.1.3	VSDC 2.8.1g1		10, 17, 18	N
Toppan Hogier S.A.S	LBHOGC04617A	SECORA" Pay SLJ32PD D1 VISA V2.8.1G1	18 Nov 2021	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Toppan Hogier S.A.S	LBHOGC04663A	Multos ML4-P18	07 Sep 2021	N	09 Dec 2028	Dual	M7864 - SLC32PD version H13	ID1 Card	1.5.4	2.1.3	VSDC R5 v2.0	10, 18	10, 17, 18	Y
Toppan Hogier S.A.S	LBHOGC04725A	SECORA" Pay SLJ37P D1 VISA V2.8.1G1	06 Jan 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Toppan Hogier S.A.S	LBHOGC05079A	SECORA" Pay SLJ37P D1 VISA V2.8.1G1	23 Mar 2023	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card (Metal)	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Toppan Printing Co. Ltd.	LBTOPP03215B	Smartics-T402-V	07 Sep 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [43h] / H13	ID1 Card	1.5.4	2.1.2	FS Sigma payWave c-v1.7.0	10, 18	10, 17, 18	N
Toppan Printing Co. Ltd.	LBTOPP03230B	Smartics-T402-V-wm	11 Oct 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [43h] / H13	ID1 Card	1.5.4	2.1.2	FS Sigma payWave c-v1.7.0	10, 18	10, 17, 18	N
Toppan Printing Co. Ltd.	LBTOPP03458A	Smartics-Air TPJ3H0XX_MVA3_8E_0_VG1 1.0	22 Apr 2019	N	21 May 2027	Dual	P6021J VB	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Toppan Printing Co. Ltd.	LBTOPP03618A	Smartics-T403-V	22 Apr 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Toppan Printing Co. Ltd.	LBTOPP03641A	Smartics-Air TPJ3Rxxx_6EP_04x_V281G1 1.0	14 Oct 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Toppan Printing Co. Ltd.	LBTOPP04431A	Smartics-Air TPJ3Rxxx_6EP_01x_V29 1.0	22 Apr 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Toppan Printing Co. Ltd.	LBTOPP04591A	Smartics-Air TPP450_TPZ1_3_6EP_04x_V281G1 1.0	27 Aug 2021	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Toppan Printing Co. Ltd.	LBTOPP04926A	Smartics-T405-V Ver1.0	21 Feb 2022	N	03 Apr 2032	Dual	IFX_ECL_2Fh[9h-Ch]	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Toppan Printing Co. Ltd.	LBTOPP05085A	TOPPAN SMARTICS-ACE2 v1.0.0	07 Jul 2022	N	22 Oct 2033	Dual	ST31N600	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Toppan Printing Co. Ltd.	LBTOPP05167A	Smartics-Air TPP450_TPZ1_3_6EC_04x_V281G1	05 Dec 2022	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
Toppan Printing Co. Ltd.	LBTOPP05168A	TOPPAN SMARTICS-OMNI2 v1.0.0	23 Dec 2022	N	22 Oct 2033	Dual	ST31N600	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Toppan Printing Co. Ltd.	LBTOPP2636A	Smartics-Air TP31_Z052NYP_VVersion: 1.0	22 May 2017	N	30 Apr 2025	Dual	ST31-K330A (SR31Z052)	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH02962A	FS Sigma402V4	21 Nov 2017	N	09 Dec 2028	Dual	IFX_ECL_12h [43h] / H13 (SLC32PDL268G5)	ID1 Card	1.5.4	2.1.2	FS Sigma payWave c-v1.7.0	10, 18	10, 17, 18	N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH02981A	FS Sigma402V4	21 Nov 2017	N	09 Dec 2028	Dual	IFX_ECL_12h [43h] / H13 (SLC32PDL268G5)	ID1 Card	1.5.4	2.1.2	FS Sigma payWave c-v1.7.0	10, 18	10, 17, 18	N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH03211A	FS Sigma402V4	10 Sep 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [43h] / H13	ID1 Card	1.5.4	2.1.1	FS Sigma payWave c-v1.7.0	10, 18	10, 17, 18	N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH03245A	FS Sigma402V4	13 Aug 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [43h] / H13 (SLC32PDL268G5)	ID1 Card	1.5.4	2.1.2	FS Sigma payWave c-v1.7.0	10, 18	10, 17, 18	N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH03246A	FS Sigma402V4	13 Aug 2018	N	09 Dec 2028	Dual	IFX_ECL_12h [43h] / H13 (SLC32PDL268G5)	ID1 Card	1.5.4	2.1.2	FS Sigma payWave c-v1.7.0	10, 18	10, 17, 18	N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH03261A	FS Sigma402V4	18 May 2018	N	09 Dec 2028	Contact	IFX_ECL_12h [43h] / H13	ID1 Card	1.5.4		FS Sigma payWave c-v1.7.0	10, 18		N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH03477A	FS Sigma402V4	14 Aug 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [43h] / H13 (SLC32PDL268G5)	ID1 Card	1.5.4	2.1.2	FS Sigma payWave c-v1.7.0	10, 18	10, 17, 18	N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH03478A	FS Sigma402V4	14 Aug 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [43h] / H13 (SLC32PDL268G5)	ID1 Card	1.5.4	2.1.2	FS Sigma payWave c-v1.7.0	10, 18	10, 17, 18	N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH03564A	PROFINIA F403V1 v1.0	07 Mar 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH03615A	PROFINIA F204V1 v1.0	03 Jun 2019	Y	29 Oct 2028	Contact	S3K250A Rev.0	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH03648A	FS Sigma402V4	22 Apr 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [43h] / H13	ID1 Card	1.5.4	2.1.2	FS Sigma payWave c-v1.7.0	10, 18	10, 17, 18	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH03800A	PROFINIA F404V1 v1.0	07 Oct 2019	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH03801A	PROFINIA F404V1 v1.0	29 Oct 2019	N	22 Nov 2030	Dual	N7121 B	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH04019A	PROFINIA F404V1 v1.0	17 Feb 2020	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH04021A	PROFINIA F404V1 v1.0	17 Feb 2020	N	22 Nov 2030	Dual	N7121 B	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH04334A	PROFINIA F404V1 v1.0	05 Jan 2021	N	22 Nov 2030	Contact	N7121 B1	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH04335A	PROFINIA F404V1 v1.0	05 Jan 2021	N	22 Nov 2030	Contact	N7121 B1	ID1 Card	1.6.1		VSDC 2.9	10, 18, 22		N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH04344A	PROFINIA F404V1 v1.1	15 Feb 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH04371A	PROFINIA F404V1 v1.1	22 Feb 2021	N	22 Nov 2030	Dual	N7121 B1	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH04665A	PROFINIA F405V1	24 Nov 2021	N	03 Apr 2032	Dual	IFX_ECL_2Fh[9h-Ch]	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH04840A	PROFINIA F405V1	04 Feb 2022	N	03 Apr 2032	Dual	IFX_ECL_2Fh[9h-Ch]	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH04841A	PROFINIA F405V1	04 Feb 2022	N	03 Apr 2032	Contact	IFX_ECL_2Fh[9h-Ch]	ID1 Card	1.6.3		VSDC 2.9.2	10, 18, 22		Y
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH04842A	PROFINIA F405V1	04 Feb 2022	N	03 Apr 2032	Contact	IFX_ECL_2Fh[9h-Ch]	ID1 Card	1.6.3		VSDC 2.9.2	10, 18, 22		Y

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH04843A	PROFINIA F405CTV1	04 Feb 2022	N	03 Apr 2032	Contact	IFX_ECL_2Fh[9h-Ch]	ID1 Card	1.6.3		VSDC 2.9.2	10, 18, 22		Y
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH05227A	PROFINIA F206V1	11 May 2023	N	22 Jun 2032	Contact	S3D384C	ID1 Card	1.6.3		VSDC 2.9.2	10, 18, 22		Y
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH05456A	PROFINIA F206V1 v1.1	21 Jul 2023	N	22 Jun 2032	Contact	S3D384C	ID1 Card	1.6.3		VSDC 2.9.2	10, 18, 22		Y
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH05587A	PROFINIA F406V1 v1.0	27 May 2024	N	11 Aug 2035	Dual	S3D384E	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH05823A	PROFINIA F406V1 v1.0	14 Jun 2024	N	11 Aug 2035	Dual	S3D384E	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH05824A	PROFINIA F406CTV1 v1.0	14 Jun 2024	N	11 Aug 2035	Contact	S3D384E	ID1 Card	1.6.3		VSDC 2.9.2	10, 18, 22		Y
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH2507B	FS Sigma203V3v1.0	15 Sep 2016	N	29 Mar 2025	Contact	S3FT9PS Rev.0	ID1 Card	1.5.4		FS Sigma VSDC 1.5.4, c-v1.1.1	10, 18		N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH2508B	FS Sigma203V3v1.0	15 Sep 2016	N	29 Mar 2025	Contact	S3FT9PS Rev.0	ID1 Card	1.5.4		FS Sigma VSDC 1.5.4, c-v1.1.1	10, 18		N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH2669A	FS Sigma203V3v1.0	18 Nov 2016	N	29 Mar 2025	Contact	S3FT9PS Rev.0	ID1 Card	1.5.4		FS Sigma VSDC 1.5.4, c-v1.1.1	10, 18		N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH2670A	FS Sigma203V3v1.0	11 Jan 2017	N	29 Mar 2025	Contact	S3FT9PS Rev.0	ID1 Card	1.5.4		FS Sigma VSDC 1.5.4, c-v1.1.1	10, 18		N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH2671A	FS Sigma203V3v1.0	11 Jan 2017	N	29 Mar 2025	Contact	S3FT9PS Rev.0	ID1 Card	1.5.4		FS Sigma VSDC 1.5.4, c-v1.1.1	10, 18		N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH2794A	FS Sigma402V4	06 Jun 2017	N	09 Dec 2028	Dual	IFX_ECL_12h [43h] / H13 (SLC32PDL268G5)	ID1 Card	1.5.4	2.1.2	FS Sigma payWave c-v1.7.0	10, 18	10, 17, 18	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH2911A	FS Sigma402V4	15 Sep 2017	N	09 Dec 2028	Dual	IFX_ECL_12h [43h] / H13 (SLC32PDL268G5)	ID1 Card	1.5.4	2.1.2	FS Sigma payWave c-v1.7.0	10, 18	10, 17, 18	N
Toshiba Infrastructure Systems & Solutions Corporation	LBTOSH2912A	FS Sigma402V4	15 Nov 2017	N	09 Dec 2028	Dual	IFX_ECL_12h [43h] / H13 (SLC32PDL268G5)	ID1 Card	1.5.4	2.1.2	FS Sigma payWave c-v1.7.0	10, 18	10, 17, 18	N
Tungkong Inc	LBTUNG03511A	TK SC UBJ31-G28(IFX_ECL_Fh), 1.0	03 Dec 2018	N	09 Dec 2028	Dual	IFX_ECL_Fh, H13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
UBIVELOX Inc.	LBUBIV02939C	Ucard UBJ11-G22, ver1.0	01 Nov 2018	N	28 Oct 2028	Contact	S3K170A, Rev. 0	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
UBIVELOX Inc.	LBUBIV02954A	Ucard UBJ21-G24 and V1.0	22 Aug 2017	N	13 Jul 2027	Contact	ST31H320	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
UBIVELOX Inc.	LBUBIV03004B	Ucard UBJ31-G28(IFX_ECL_Fh), 1.0	15 May 2018	N	09 Dec 2028	Dual	IFX_ECL_Fh, H13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
UBIVELOX Inc.	LBUBIV03022B	Ucard UBJ31-G28(IFX_ECL_Fh), 1.0	02 Jul 2018	N	09 Dec 2028	Dual	IFX_ECL_Fh, H13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
UBIVELOX Inc.	LBUBIV03080B	Ucard UBJ11-G22, ver1.0	01 Nov 2018	N	28 Oct 2028	Contact	S3K170A, Rev. 0	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
UBIVELOX Inc.	LBUBIV03252A	Ucard UBJ31-G28(IFX_ECL_Fh), 1.0	17 Jul 2018	N	09 Dec 2028	Dual	IFX_ECL_Fh, H13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
UBIVELOX Inc.	LBUBIV03253A	Ucard UBJ21-G25 (IFX_ECL_1Bh), 1.0	18 Jun 2018	N	30 Jan 2029	Contact	IFX_ECL_1Bh, G13	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
UBIVELOX Inc.	LBUBIV03257A	Ucard UBJ31-G28(IFX_ECL_Fh), 1.0	15 May 2018	N	09 Dec 2028	Dual	IFX_ECL_Fh, H13	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
UBIVELOX Inc.	LBUBIV03312A	Ucard UBJ21-G26	19 Sep 2018	N	28 Oct 2028	Contact	S3K250A	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
UBIVELOX Inc.	LBUBIV03361A	Ucard UBJ31-G28(IFX_ECL_Fh), 1.0	10 Aug 2018	N	09 Dec 2028	Dual	IFX_ECL_Fh, H13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
UBIVELOX Inc.	LBUBIV03515A	Ucard UBJ31-G29(S3D350A), 1.0	14 Jan 2019	N	28 Oct 2028	Dual	S3D350A, Rev 2	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
UBIVELOX Inc.	LBUBIV03816A	Ucard UBJ31-G28(IFX_ECL_Fh), 1.0	08 Oct 2019	N	09 Dec 2028	Dual	IFX_ECL_Fh, H13	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
UBIVELOX Inc.	LBUBIV03826A	Ucard UBJ21-G26, v1.0	16 Sep 2019	N	28 Oct 2028	Contact	S3K250A	ID1 Card	1.6.2		VSDC 2.9.1	10, 18, 22		N
UBIVELOX Inc.	LBUBIV03957A	Ucard UBJ31-G29(S3D350A), 1.0	14 Jan 2020	N	28 Oct 2028	Dual	S3D350A, Rev 2	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
UBIVELOX Inc.	LBUBIV03991C	Ucard UBJ31-G31(ST31P450), 1.0	13 Mar 2023	N	06 Sep 2031	Dual	ST31P450, Rev.C	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
UBIVELOX Inc.	LBUBIV04085A	Ucard UBJ31-G29(S3D350A), 1.0	04 Mar 2020	N	28 Oct 2028	Dual	S3D350A, Rev 2	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
UBIVELOX Inc.	LBUBIV04153A	Ucard UBJ21-G26, 1.0	23 Apr 2020	N	28 Oct 2028	Contact	S3K250A	ID1 Card (Metal)	1.5.4		VSDC 2.8.1g	10, 18		N
UBIVELOX Inc.	LBUBIV04154A	Ucard UBJ31-G29(S3D350A), 1.0	18 May 2020	N	28 Oct 2028	Dual	S3D350A, Rev 2	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
UBIVELOX Inc.	LBUBIV04614A	Ucard UBJ21-G26 1.0	07 Jul 2021	N	28 Oct 2028	Contact	S3K250A	ID1 Card (Metal)	1.6.2		VSDC 2.9.1	10, 18, 22		N
UBIVELOX Inc.	LBUBIV04810A	Ucard UBJ31-G28(IFX_ECI_Fh), 1.0	07 Feb 2022	N	09 Dec 2028	Dual	IFX_ECI_Fh, H13	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
UBIVELOX Inc.	LBUBIV04855A	Ucard UBJ31-G28(IFX_ECI_Fh), 1.0	07 Feb 2022	N	09 Dec 2028	Dual	IFX_ECI_Fh, H13	ID1 Card (Metal)	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
UBIVELOX Inc.	LBUBIV04938A	Ucard UBJ31-G29(S3D350A), 1.0	17 Feb 2022	N	28 Oct 2028	Contact	S3D350A, Rev 2	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
UBIVELOX Inc.	LBUBIV05041B	Ucard UBJ31-G33(S3D384C), 1.0	18 Mar 2024	N	22 Jun 2032	Dual	S3D384C, Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
UBIVELOX Inc.	LBUBIV05052A	Ucard UBJ31-G28(IFX_ECI_Fh), 1.0	12 Jul 2022	N	09 Dec 2028	Dual	IFX_ECI_Fh, H13	ID1 Card (Metal)	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	N
UBIVELOX Inc.	LBUBIV05058A	Ucard UBJ31-G34(IFX_ECI_53h), 1.1	06 Sep 2022	N	03 Apr 2032	Dual	IFX_ECI_53h, S11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
UBIVELOX Inc.	LBUBIV05169A	Ucard UBJ31-G33(S3D384C), 1.0	17 Oct 2022	N	22 Jun 2032	Contact	S3D384C, Rev. 2	ID1 Card	1.6.3		VSDC 2.9.2	10, 18, 22		Y
UBIVELOX Inc.	LBUBIV05414A	Ucard UBJ31-G34(IFX_ECI_53h), 1.1	07 Jun 2023	N	03 Apr 2032	Dual	IFX_ECI_53h, S11	ID1 Card (Metal)	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
UBIVELOX Inc.	LBUBIV05415A	Ucard UBJ31-G34(IFX_ECI_53h), 1.1	07 Jun 2023	N	03 Apr 2032	Dual	IFX_ECI_53h, S11	ID1 Card (Metal)	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
UBIVELOX Inc.	LBUBIV05433A	Ucard UBJ21-G26 BIG, v1.0	29 May 2023	N	28 Oct 2028	Contact	S3K250A	ID1 Card	1.6.2		VSDC 2.9.1	10, 18, 22		N
UBIVELOX Inc.	LBUBIV05467A	Ucard UBJ31-G31(ST31P450) MFC CI, 1.0	25 Aug 2023	N	06 Sep 2031	Dual	ST31P450, Rev.C	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
UBIVELOX Inc.	LBUBIV05468A	Ucard UBJ31-G31(ST31P450) MFC BIG, 1.0	31 Aug 2023	N	06 Sep 2031	Dual	ST31P450, Rev.C	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
UBIVELOX Inc.	LBUBIV05512A	Ucard UBJ31-G31(ST31P450) MFC, 1.0	27 Sep 2023	N	06 Sep 2031	Dual	ST31P450, Rev.C	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
UBIVELOX Inc.	LBUBIV05535A	Ucard UBJ21-G27, 1.0	15 Mar 2024	N	12 Nov 2031	Contact	S3K200B, Rev.0	ID1 Card	1.6.3		VSDC 2.9.2	10, 18, 22		Y
UBIVELOX Inc.	LBUBIV05719A	Ucard UBJ31-G31(ST31P450) MFC DIA, 1.0	02 May 2024	N	06 Sep 2031	Dual	ST31P450, Rev.C	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
UBIVELOX Inc.	LBUBIV05867A	Ucard UBJ31-G33(S3D384C) DIA, 1.0	04 Nov 2024	N	22 Jun 2032	Dual	S3D384C, Rev. 2	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
UBIVELOX Inc.	LBUBIV2432A	Ucard UBJ31-Z52R5	28 Mar 2016	N	30 Apr 2025	Dual	ST31-K330A (SR31Z052)	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N

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UBIVELOX Inc.	LBUBIV2472A	Ucard UBJ21-G24	21 Jun 2016	N	13 Jul 2027	Contact	ST31H320	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
UBIVELOX Inc.	LBUBIV2662A	Ucard UBJ21-G24 and V1.0	14 Dec 2016	N	13 Jul 2027	Contact	ST31H320	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
UBIVELOX Inc.	LBUBIV2721A	Ucard UBJ31-Z52R5 and V1.0	11 Jan 2017	N	30 Apr 2025	Dual	ST31-K330A (SR31Z052)	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
UBIVELOX Inc.	LBUBIV2923A	Ucard UBJ11-Z12SR4 and 1.0	06 Sep 2017	N	15 Apr 2025	Contact	SB23Z012, Rev. A (Internal rev. B&C)	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Unitec Blue S.A.	LBUNIT03927A	UBLUE SECORA PAY 01	25 Nov 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
United Security Printing	LBUSPP03138A	UnitedPay Smart v1.0	07 Jun 2018	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
United Security Printing	LBUSPP03463A	UnitedPay Smart MFD version 1.0	03 Jan 2019	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
United Security Printing	LBUSPP03913A	UnitedPay - Raz	29 Oct 2019	N	09 Dec 2028	Dual	IFX_ECL_Fh[1h-4h] H13	ID1 Card	1.5.4	2.1.3	VIS 1.5.4	10, 18	10, 17, 18	N
United Security Printing	LBUSPP04197A	UnitedPay SmartEdge AC v1.0	30 Nov 2020	N	09 Dec 2028	Dual	IFX_ECL_12h / H13	ID1 Card	1.6.2	2.2.3	VIS/VCPS Application v5.0	10, 18, 22	10, 17, 18, 22	Y
United Security Printing	LBUSPP04353A	UnitedPay-Luna v1.0	17 Dec 2020	N	24 Apr 2027	Dual	ST31G480 FW v2.1.0 (Rev H)	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	Y
United Security Printing	LBUSPP04872A	UnitedPay WiseCTD v1.0	01 Mar 2022	N	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	N
United Security Printing	LBUSPP04887A	UnitedPay ACE v2.0	11 Mar 2022	N	03 Apr 2032	Dual	IFX_ECL_54h	ID1 Card	1.6.2	2.2.3	VIS/VCPS Application v6.0	10, 18, 22	10, 17, 18, 22	Y
United Security Printing	LBUSPP05005A	UnitedPay ACOS Giulia v1.0	14 Apr 2022	N	06 Sep 2031	Dual	ST31P320 Rev. C	ID1 Card	1.6.3	2.2.4	VIS/VCPS Application v7.0	10, 18, 22	10, 17, 18, 22	Y
United Security Printing	LBUSPP05125A	SCOne D20 VIS 1.6.3 W ver.1.2	19 Sep 2022	N	03 Apr 2032	Dual	IFX_ECL_53h [01h-1Eh] S11	ID1 Card	1.6.3	2.2.4	VIS1.6.3 ver 1.1	10, 18, 22	10, 17, 18, 22	Y
United Security Printing	LBUSPP05126A	SCOne D20 VIS 1.6.3 W ver.1.1	19 Sep 2022	N	03 Apr 2032	Dual	IFX_ECL_53h [01h-1Eh] S11	ID1 Card	1.6.3	2.2.4	VIS1.6.3 ver 1.1	10, 18, 22	10, 17, 18, 22	Y
United Security Printing	LBUSPP05281A	UnitedPay ST Topaz 1.2	27 Jan 2023	N	06 Sep 2031	Dual	ST31P450	ID1 Card	1.6.2	2.2.3	VSDC 2.9.1	10, 18, 22	10, 17, 18, 22	Y
United Security Printing	LBUSPP05526A	SCOne Sticker VIS 1.6.3 W v1.0	27 May 2024	N	03 Apr 2032	Contactless	IFX_ECL_53h [01h-1Eh] S11	Adhesive Micro Tag (Sticker)		2.2.4	VIS1.6.3 ver 1.1		10, 17, 18, 22	N
Valid Card Manufacturing (Suzhou) Co., Ltd	LBVCMS03898A	Valid Minitag Secora Pay VISA V2.8.1G1	16 Mar 2020	N	09 Dec 2028	Contactless	IFX_ECL_12h [4Ch]	Micro-tag		2.1.3	VSDC 2.8.1g1		10, 17, 18	N
Valid Card Manufacturing (Suzhou) Co., Ltd	LBVCMS03899A	Valid Minitag Secora Pay VISA V2.9	16 Mar 2020	N	09 Dec 2028	Contactless	IFX_ECL_12h [4Ch]	Micro-tag		2.2	VSDC 2.9		10, 17, 18, 22	N
Valid Card Manufacturing (Suzhou) Co., Ltd	LBVCMS04107A	VALID Advantis JPay Trio ver 1.0	27 Apr 2020	N	24 Apr 2027	Dual	ST31G480	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g	10, 18	10, 17, 18	N
Watchdata Technologies Pte Ltd	LBWATC03048A	TimeCOS ePay_C v1.0	23 May 2018	N	30 Jan 2029	Contact	IFX_ECL_1Bh	ID1 Card	1.5.4		VSDC 2.8.1g	10, 18		N
Watchdata Technologies Pte Ltd	LBWATC03368C	TimeCOS ePay_D v1.0	01 Aug 2019	N	09 Dec 2028	Dual	IFX_ECL_12h	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N

Vendor	Product Reference	Product Name	Approved	Approval Notes	Approval Expiration	Interface	Chip	Form Factor	VIS Version	VCPS Version	Visa Payment Applet	VIS CVNs	qVSDC CVNs	Quadruple Speed
Watchdata Technologies Pte Ltd	LBWATC03606A	Watchdata SLJ32PD D1 VISA VSDC2.8.1.G1	11 Mar 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Watchdata Technologies Pte Ltd	LBWATC03683A	TimeCOS ePay_DS v1.0	10 Apr 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Watchdata Technologies Pte Ltd	LBWATC03684A	TimeCOS ePay_DS v2.0	14 Aug 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Watchdata Technologies Pte Ltd	LBWATC03688A	Watchdata SLJ32PD D1 VISA VSDC2.9	12 Apr 2019	N	09 Dec 2028	Dual	IFX_ECL_12h [4Ch]	ID1 Card	1.6.1	2.2	VSDC 2.9	10, 18, 22	10, 17, 18, 22	N
Watchdata Technologies Pte Ltd	LBWATC03818A	TimeCOS ePay_D v1.1	14 Oct 2019	N	09 Dec 2028	Dual	IFX_ECL_12h	ID1 Card	1.5.4	2.1.3	VSDC 2.8.1g1	10, 18	10, 17, 18	N
Watchdata Technologies Pte Ltd	LBWATC04774A	Time COS ePay_TV V2.9.2	12 Jan 2022	N	03 Apr 2032	Dual	IFX_ECL_4Ah (0x0C) T11	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Watchdata Technologies Pte Ltd	LBWATC04800A	TimeCOS ePay_D_Visa v2.9.2	24 May 2022	N	12 Mar 2032	Dual	CIU9872B_01 C14	ID1 Card	1.6.3	2.2.4	VSDC 2.9.2	10, 18, 22	10, 17, 18, 22	Y
Zhongchao Credit Card Industry Development Co.,Ltd	LBZCCI03107A	ZCC_VS_ST31G480 V1.0	30 Jan 2018	N	24 Apr 2027	Dual	ST31G480 Rev H	ID1 Card	1.5.3	2.1.1	VSDC 2.8.1f1	10, 18	10, 17, 18	N
Zwipe AS	LBZWPE04638A	Zwipe Pay V1.0	22 Mar 2022	N	24 Nov 2032	Dual	SCR496U RevC	ID1 Card (Biometric)	1.6.3	2.2.4	VIS VCPS Bio Java Applet v01.00.01	10, 18, 22	10, 17, 18, 22	Y
Zwipe AS	LBZWPE05208A	Zwipe Pay v1.1	08 May 2023	N	24 Nov 2032	Dual	SCR496U RevC	ID1 Card (Biometric)	1.6.3	2.2.4	VIS VCPS Bio Java Applet v01.01.00	10, 18, 22	10, 17, 18, 22	Y

Legend

If Approval Notes = Y it indicates the Approval Letter contains a notable comment, specification deviation, or restriction of use, which must be disclosed to the buyer.

Quadruple Speed = Data exchange speed indicated in TA1 of EMV compliant Cold ATR in specific mode.

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Note: Products that vendors have chosen to be private are not included in this list. Please contact your Visa representative for information about these products.