

## List of Vendors Approved for RuPay Card "Type Approval-L2"

## Approved Card Product List

Approved Card Product List On RuPay Dual Interface Card Specification V2.0.0												
Vendor	Product Name & Version	L2 Product Registration no/Approval.no	Chip	EEPROM (Before Personalization)	Platform	OS Name & Version	qSPARC Spec Version	L1 reference	Protocol	PSE	Expiration Date	
1	IDEMIA	qSPARC DI Applet,V02.01.01	IDEMIA_DI_26022018/qSPARC(2)-IDEMIA26022018:201805	Infineon SLC32PDL348 / h13	32KB	Javacard V3.0.4 Global Platform 2.2.1	COSMO_FLY_Y6_INF v00000019	V2.0.0	ELITT_LAB_ECA_M_RD T_OBE-17-09-08-01_V1.0	T = 0 Type A	N/A	25-02-2021
2	KONA I Co., Ltd.	qSPARC V2.0	qSPARC.V2_KON14062018_64C5	Samsung S3FT9MG/Rev0	67KB	Java3.0.4 Global Platform2.2.1	KONA2 D2320 V1.0	V2.0.0	EMV V4.3,EMV CCPS V2.5:ICCN0216	T = 0 Type A	Yes	02-08-2021
3	Giesecke & Devrient MS India Private Limited	Convego Apply RUP-110, V RUP_v1.1.0-0043	qSPARC.V2_G&D23082018_8B86	STMicroelectronics (Rousset) SAS ST31G480 Revision H and J	480KB	JCAPI 3.0.4C GP 2.1.1	Convego Join 4.85	V2.0.0	EMVCo PCN0154	T = 0 Type A	Yes	24-09-2021
4	NXP Semiconductors Netherlands B.V	qSPARC, V1.0	qSPARC.V2_NXP04092018_6C91	NXP Semiconductors P6021y VB	81 /41 /16KB	Java3.0.4 GP 2.2.1 v1.0	JCOP 3 EMV P60	V2.0.0	NXPS0204v1a (EMVCo) + NXP-0001_DI_005_20170130 (DES)	T = 0 Type A	Yes	03-10-2021
5	Multos International Pte Ltd	MULTOS qSPARC V2.0	qSPARC.V2_MUL13122018_25A8	Infineon M7794 (SLE77) SLE77CLFXxxxPM	115KB	MULTOS Specification V4.4.0	ML4 P17 v1.3	V2.0.0	DI/MULT/1711/C02/M CADP/xA	T = 0 Type A	Yes	10-01-2022
6	Yosun Singapore Pte Ltd	YS qS2FIRE1, qSPARC 2.0	qSPARC.V2_Yos07012019_0244	Samsung, S3D264A	58KB	Java Card Platform 3.0.4 GP 2.2.1	UBJ31-G29 V1.0	V2.0.0	VCT18013-2, VCT18013-1	T = 0 Type A	Yes	11-03-2022
7	Gemalto Digital Security Private Limited	qSparc v2	qSPARC.V2_GEM08102018_0199	Samsung S3FT9MF	36KB	Java Card Platform 3.0.4 GP 2.2.1	Contactless R9-S version 1.1	V2.0.0	LBGEMA2818	T = 0 Type A	Yes	03-04-2022
8	NXP Semiconductors Netherlands B.V	qSPARC 3.0.0.4	qSPARC.V2_NXP12112019_0258	NXP Semiconductors N7121 B1	344 KB	Java Card Platform 3.0.5 GP 2.3	JCOP 4 P71	V2.0.0	ELITT/LAB/ECA/RDT/P ROT/AMX- NXP-18-11-23-01	T = 0 Type A	Yes	03-01-2023
9	Idemia Syscom India Pvt Ltd	qSPARC DI Applet,V02.01.03-RuPay DI Applet	qSPARC.V2_IDE19072019_0237	Infineon SLC32PDL348 / h13	104 KB	Java3.0.4 GP 2.1.1	COSMO_FLY_V6_INF v00000019 + patch v0.0.1.21	V2.0.0	ELITT_LAB_ECA_RDT_SING_MC-IDE-18-06-18-01_V1.0	T = 0 Type A	Yes	31-07-2022
10	Giesecke & Devrient MS India Private Limited	Convego Apply RUP-111, RUP_v1.1.1-0046	qSPARC.V2_G&D08012019_F3B7	STMicroelectronics ST31G480 Revision H and J	56 KB	JCAPI 3.0.4C GP 2.1.1	Convego Join 4.85	V2.0.0	EMVCo PCN0154	T = 0 Type A	Yes	26-02-2022
11	Giesecke & Devrient MS India Private Limited	Convego Join 5.65 DI R2D-MD-A10-Z-RuPay DI Applet	qSPARC.V2_G&D09052019_0244	Samsung S3D350A Rev 2	30 KB	JCAPI 3.0.4C GP 2.1.1	Convego Join 5.65	V2.0.0	EMVCo PCN0163	T = 0 Type A	Yes	24-07-2022

12	STMicroelectronics Private LTD	STPAY Tiger-1.5 v1.0 RuPay, v1.0	qSPARC.V2_STM16012019_0210	ST Microelectronics ST31G480 revH	175 KB	Java v3.0.4 Classic Ed GP v2.2.1 Mapping Guide Line	STPAYDEV version 3.3	V2.0.0	LBSTMI03189A	T = 0 Type A	Yes	18-03-2023
13	UBIVELOX Inc	UBIVELOX qSPARC V1.0	qSPARC.V2_UBI20022019_0244	Samsung S3D264A	264 KB	Java Card Platform 3.0.4 GP 2.2.1	UBJ31-G29 V1.0	V2.0.0	VCT18013-2, VCT18013-1	T = 0 Type A	Yes	31-12-2022
14	STMicroelectronics Private LTD	STPAY Topaz-1, v1.0 RuPay, v2.3	qSPARC.V2_STM26092019_0267	STMicroelectronics ST31P450 rev C	48 KB	Java v3.0.5 Classic Ed GP v2.2.1 Mapping Guide Line	STPAYDEV version 4.0	V2.0.0	LBSTMI03891A	T = 0 Type A	Yes	19-03-2023
15	STMicroelectronics Private LTD	STPAY Topaz-1, v6.0 RuPay, v2.3	qSPARC.V2_STM15042020_0267	STMicroelectronics ST31P450 rev C	55 KB	Java v3.0.5 Classic Ed GP v2.2.1 Mapping Guide Line	STPAYDEV version 4.0	V2.0.0	19/34600310-M0	T = 0 Type A	Yes	19-03-2023
16	XH SMART TECH (INDIA) PRIVATE LIMITED	XH Mirach Gamma 3.0_qSPARC v1.0	qSPARC.V2_XHS18032020_324D	TongXin+UMC THD89 Rev. 1.0	40 KB	Java v3.0.4 GP v2.2.1	TMCOS 4.0	V2.0.0	CVCC18BKF1TF CVCL18BKG1TP	T = 0 Type A	Yes	26-08-2023
17	Idemia Syscom India Pvt. Ltd.	qSPARC DI Applet V02.01.04	qSPARC.V2_IDE16072020_3236	IDEMIA SCR300U-rev I	158 KB	Javacard V3.0.4 Global Platform 2.1.1	SOLVO_FLY_30_SC V01.03.00	V2.0.0	ELITT/LAB/ECA/RDT/SI NG/MC-IDE-19-07-19-01 V1.0	T = 0 Type A	Yes	09-09-2023
18	Multos International Pte Ltd	MULTOS qSPARC V2.0	qSPARC.V2_MUL10092020_0x6B	Infineon (SLCx2V3) SLC32PDAXxx	175 KB	MULTOS Specification V4.5.2	ML4 P18 v1.0	V2.0.0	DI/MULT/1711/C02/M CADP/xA	T = 0 Type A	Yes	24-09-2023

Note: Above product are based on card form factor

Table 1