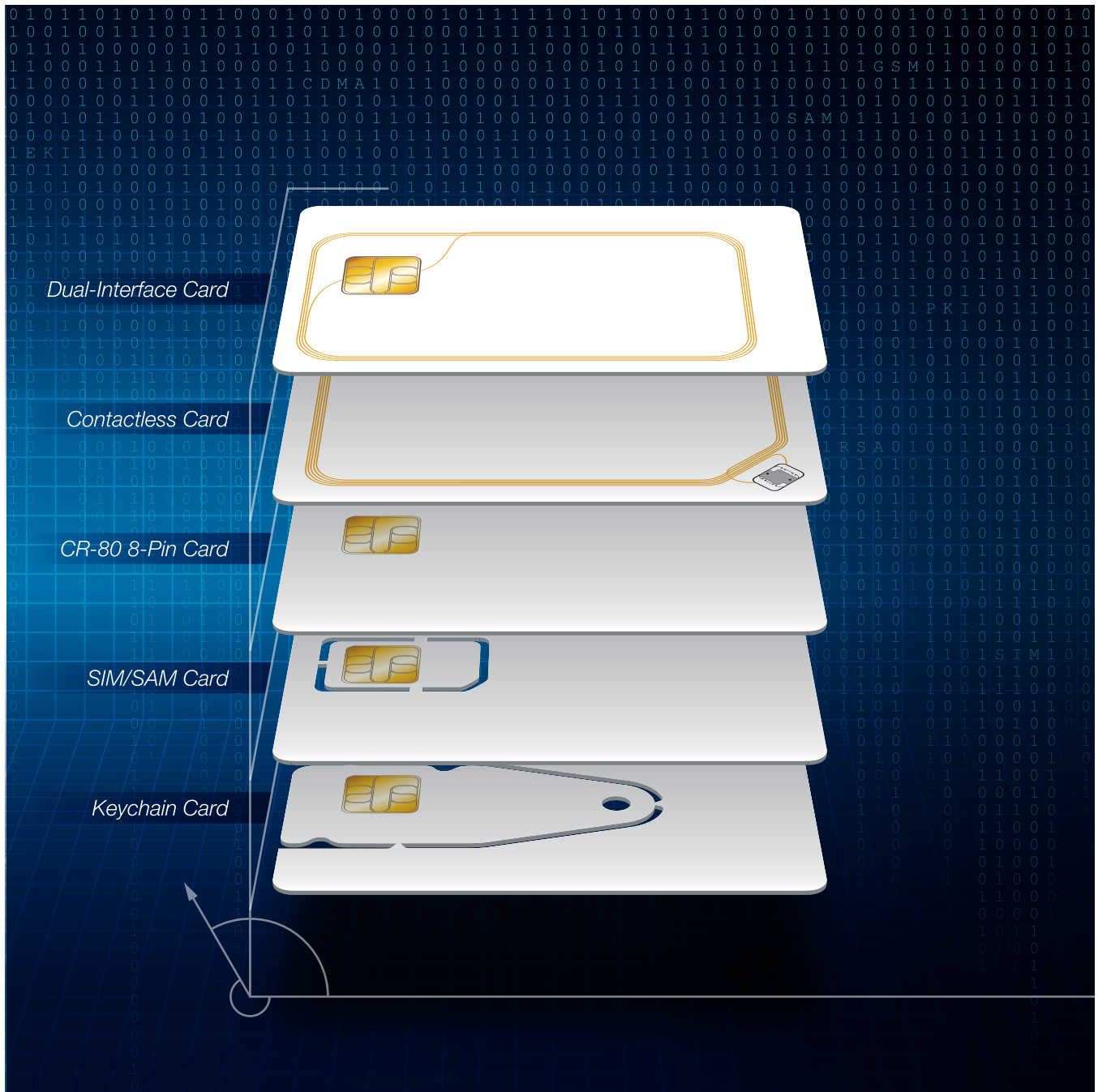


# CardLogix Smart Card Solutions

## Smart Card Selection Guide



## M.O.S.T. Card(R) Microprocessor (CPU) Smart Cards

CardLogix Part Number	Series	User Memory	Security Algorithms	File Types Supported	Communication Protocols	Applications
CLXSU064KC5	C5 Series - Contact	8 kilobytes	SHA-1, DES, 3DES, AES-128	MF, DF, EF-Transparent, Linear, Cyclical, APP, CHV, Purse	T=0	Token authentication, encrypted data storage, session key-based purse functions
CLXSU128KC5	C5 Series - Contact	16 kilobytes	SHA-1, DES, 3DES, AES-128	MF, DF, EF-Transparent, Linear, Cyclical, APP, CHV, Purse	T=0	Token authentication, encrypted data storage, session key-based purse functions
CLXSU256KC5	C5 Series - Contact	32 kilobytes	SHA-1, DES, 3DES, AES-128	MF, DF, EF-Transparent, Linear, Cyclical, APP, CHV, Purse	T=0	Token authentication, encrypted data storage, session key-based purse functions
CLXSU544KC5	C5 Series - Contact	68 kilobytes	SHA-1, DES, 3DES, AES-128	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse	T=0	Token authentication, encrypted data storage, session key-based purse functions
CLXSU64KC6-CL	C6 Series - Contactless	8 kilobytes	SHA-1, DES, 3DES, AES-128	MF, DF, EF-Transparent, Linear, Cyclical, APP, CHV, Purse, GPF	14443 Contactless	Access control, single sign-on, transportation, contactless badging, voter IDs, closed-loop payments
CLXSU128KC6-CL	C6 Series - Contactless	16 kilobytes	SHA-1, DES, 3DES, AES-128	MF, DF, EF-Transparent, Linear, Cyclical, APP, CHV, Purse, GPF	14443 Contactless	Access control, single sign-on, transportation, contactless badging, voter IDs, closed-loop payments
CLXSU256KC6-CL	C6 Series - Contactless	32 kilobytes	SHA-1, DES, 3DES, AES-128	MF, DF, EF-Transparent, Linear, Cyclical, APP, CHV, Purse, GPF	14443 Contactless	Access control, single sign-on, transportation, contactless badging, voter IDs, closed-loop payments
CLXSU544KC6-CL	C6 Series - Contactless	68 kilobytes	SHA-1, DES, 3DES, AES-128	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse, GPF	14443 Contactless	Access control, single sign-on, transportation, contactless badging, voter IDs, closed-loop payments
CLXSU640KC6-CL	C6 Series - Contactless	80 kilobytes	SHA-1, DES, 3DES, AES-128	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse, GPF	14443 Contactless	Access control, single sign-on, transportation, contactless badging, voter IDs, closed-loop payments
CLXSU736KC6-CL	C6 Series - Contactless	92 kilobytes	SHA-1, DES, 3DES, AES-128	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse, GPF	14443 Contactless	Access control, single sign-on, transportation, contactless badging, voter IDs, closed-loop payments
CLXSU064KC7	C7 Series - Contact	8 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -256	MF, DF, EF-Transparent, Linear, Cyclical, APP, CHV, Purse, GPF	T=0, T=1	National or Civil IDs, Driver's Licenses, Voter IDs, Employee Badges with Single Sign-On
CLXSU128KC7	C7 Series - Contact	16 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -256	MF, DF, EF-Transparent, Linear, Cyclical, APP, CHV, Purse, GPF	T=0, T=1	National or Civil IDs, Driver's Licenses, Voter IDs, Employee Badges with Single Sign-On
CLXSU256KC7	C7 Series - Contact	32 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -256	MF, DF, EF-Transparent, Linear, Cyclical, APP, CHV, Purse, GPF	T=0, T=1	National or Civil IDs, Driver's Licenses, Voter IDs, Employee Badges with Single Sign-On
CLXSU512KC7	C7 Series - Contact	64 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -256	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse, GPF	T=0, T=1	National or Civil IDs, Driver's Licenses, Voter IDs, Employee Badges with Single Sign-On
CLXSU640KC7	C7 Series - Contact	80 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -256	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse, GPF	T=0, T=1	National or Civil IDs, Driver's Licenses, Voter IDs, Employee Badges with Single Sign-On
CLXSU1020KC7	C7 Series - Contact	128 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -256	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse, GPF	T=0, T=1	National or Civil IDs, Driver's Licenses, Voter IDs, Employee Badges with Single Sign-On
CLXSU1150KC7	C7 Series - Contact	144 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -256	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse, GPF	T=0, T=1	National or Civil IDs, Driver's Licenses, Voter IDs, Employee Badges with Single Sign-On
CLXSU256KC8-CL	C8 Series - Contactless	32 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -257	MF, DF, EF-Transparent, Linear, Cyclical, APP, CHV, Purse, GPF	14443 Contactless	ID-1 ICAO certified Border Crossing Cards, Access Control, Single Sign-On, Healthcare IDs, Voter IDs, biometric identity
CLXSU512KC8-CL	C8 Series - Contactless	64 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -258	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse, GPF	14443 Contactless	ID-1 ICAO certified Border Crossing Cards, Access Control, Single Sign-On, Healthcare IDs, Voter IDs, biometric identity
CLXSU608KC8-CL	C8 Series - Contactless	76 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -259	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse, GPF	14443 Contactless	ID-1 ICAO certified Border Crossing Cards, Access Control, Single Sign-On, Healthcare IDs, Voter IDs, biometric identity

## M.O.S.T. Card(R) Microprocessor (CPU) Smart Cards

CardLogix Part Number	Series	User Memory	Security Algorithms	File Types Supported	Communication Protocols	Applications
CLXSU1020KC8-CL	C8 Series - Contactless	128 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -256	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse, GPF	14443 Contactless	ID-1 ICAO certified Border Crossing Cards, Access Control, Single Sign-On, Healthcare IDs, Voter IDs, biometric identity
CLXSU1150KC8-CL	C8 Series - Contactless	144 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -256	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse, GPF	14443 Contactless	ID-1 ICAO certified Border Crossing Cards, Access Control, Single Sign-On, Healthcare IDs, Voter IDs, biometric identity
CLXSU1290KC8-CL	C8 Series - Contactless	162 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -256	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse, GPF	14443 Contactless	ID-1 ICAO certified Border Crossing Cards, Access Control, Single Sign-On, Healthcare IDs, Voter IDs, biometric identity
CLXSU256KC9-DI	C9 Series - Dual Interface	32 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -256	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse, GPF	T=0, T=1, and 14443 Contactless	IAM Logical access and physical access control cards, ID-1 ICAO certified Border Crossing Cards, Biometric Identity
CLXSA640KC9-DI	C9 Series - Dual Interface	80 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -256	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse, GPF	T=0, T=1, and 14443 Contactless	IAM Logical access and physical access control cards, ID-1 ICAO certified Border Crossing Cards, Biometric Identity
CLXSU1020KC9-DI	C9 Series - Dual Interface	128 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -256	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse, GPF	T=0, T=1, and 14443 Contactless	IAM Logical access and physical access control cards, ID-1 ICAO certified Border Crossing Cards, Biometric Identity
CLXSU1290KC9-DI	C9 Series - Dual Interface	162 kilobytes	SHA-1, SHA-256, HMAC, DES, 3DES, AES-128, -192, -256	MF, DF, EF-Transparent, Extended, Linear, Cyclical, APP, CHV, Purse, GPF	T=0, T=1, and 14443 Contactless	IAM Logical access and physical access control cards, ID-1 ICAO certified Border Crossing Cards, Biometric Identity

## CredentSYS(R) Java Cards

CardLogix Part Number	Type	User Memory	Java Version	Global Platform	Supported Algorithms	Communication Protocols	Applications
CLXSU576KJ6	CredentSYS lite - Contact	72 kilobytes	2.2.1	2.1.1	SHA1-256, AES-128, MD5, DES, IDEA, RSA1024-2048	T=0, T=1	National ID programs, healthcare, informatics, driver licenses, voter registration, enterprise IDs
CLXSU576KJ7-PIV	CredentSYS PIV - Contact	72 kilobytes	2.2.1	2.1.2	SHA1-256, AES-128, MD5, DES, IDEA, RSA1024-2049	T=0, T=1	National ID programs, healthcare, informatics, driver licenses, voter registration, enterprise IDs

## Java Cards

CardLogix Part Number	MPN	User Memory	Operating System	Global Platform	Supported Algorithms	Communication Protocols	Applications
CLXSU320KD8	JCOS SLE 77CLFX2400P	40 kilobytes	2.2.1	2.1.1	DES, RSA, ECC, SHA-1	T=0	National ID programs, healthcare, informatics, driver licenses, voter registration, enterprise IDs
CLXSU640KM1	JCOP J2A080 v2.4.1 Rel 3	80 kilobytes	2.2.2	2.1.0	SHA1-256, AES128-256, DES, 3DES, RSA1024-2048, ECC-320	T=0, T=1	National ID programs, healthcare, informatics, driver licenses, voter registration, enterprise IDs
CLXSU640KM2	JCOP J2A081 v2.4.1 Rel 3	80 kilobytes	2.2.2	2.1.1	SHA1-256, AES128-256, DES, 3DES, RSA1024-2048, ECC-320	T=0, T=1	National ID programs, healthcare, informatics, driver licenses, voter registration, enterprise IDs
CLXSU1150KM4	JCOP J2H145	144 kilobytes	3.0.4	2.2.1	SHA1-512, AES128-256, DES, 3DES, RSA1024-4096, ECC-320	T=0, T=1	National ID programs, healthcare, informatics, driver licenses, voter registration, enterprise IDs
CLXSU1200KD2	JTOP SLJ 52GCA150CL	150 kilobytes	3.0.4	2.2.1	SHA1-512, AES128-256, DES, 3DES, RSA1024-2048, ECC-521	T=0, T=1	National ID programs, healthcare, informatics, driver licenses, voter registration, enterprise IDs









# Quality

*CardLogix Corporation is absolutely committed to providing defect-free products and services to our customers, in partnership with equally committed integration partners and authorized resellers.*



- California C Corporation
- CA Resale# SREAA 97-124323
- D&B# 867418899
- SIC Codes# 3577, 3089, 5162
- UNSPCSC Code# 32101617
- Harmonized Code# 8542.10.0000
- NAICS Codes# 334119, 326199, 334418, 334519, 42261, 51421
- CAGE Code# 1KV39
- Congressional District# 47



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