Gemplus GCX4 72k PK (GemCombiXpresso + integrovaný Mifare1k) Card ATR: 3B:7A:94:00:00:80:65:A2:01:01:01:3D:72:D6:43				
javacardx.crypto.Cipher	available	time (sec)		
ALG DES CBC NOPAD		time (sec)		
ALG_DES_CBC_NOFAD ALG_DES_CBC_ISO9797_M1	yes			
ALG_DES_CBC_ISO9797_M1 ALG_DES_CBC_ISO9797_M2	yes			
	yes			
ALG_DES_CBC_PKCS5	no			
ALG_DES_ECB_NOPAD	yes			
ALG_DES_ECB_ISO9797_M1	yes			
ALG_DES_ECB_ISO9797_M2	yes			
ALG_DES_ECB_PKCS5	no			
ALG_RSA_ISO14888	no			
ALG_RSA_PKCS1	yes			
ALG_RSA_ISO9796	no			
ALG_RSA_NOPAD	yes			
ALG_AES_BLOCK_128_CBC_NOPAD	yes			
ALG_AES_BLOCK_128_ECB_NOPAD	yes			
ALG_RSA_PKCS1_OAEP	no			
ALG_KOREAN_SEED_ECB_NOPAD	no			
ALG_KOREAN_SEED_CBC_NOPAD	no			
javacard.crypto.Signature				
ALG_DES_MAC4_NOPAD	yes			
ALG_DES_MAC8_NOPAD	yes			
ALG_DES_MAC4_ISO9797_M1	yes			
ALG_DES_MAC8_ISO9797_M1	yes			
ALG_DES_MAC4_ISO9797_M2	yes			
ALG_DES_MAC8_ISO9797_M2	yes			
ALG DES MAC4 PKCS5	no			
ALG_DES_MAC8_PKCS5	no			
ALG_RSA_SHA_ISO9796	yes			
ALG RSA SHA PKCS1	yes			
ALG_RSA_MD5_PKCS1	yes			
ALG_RSA_RIPEMD160_ISO9796	no			
ALG RSA RIPEMD160 PKCS1	no			
ALG_DSA_SHA	no			
ALG_RSA_SHA_RFC2409	no			
ALG_RSA_MD5_RFC2409	no			
ALG ECDSA SHA	no			
ALG AES MAC 128 NOPAD	yes			
ALG DES MAC4 ISO9797 1 M2 ALG3	yes			
ALG_DES_MAC8_ISO9797_1_M2_ALG3	yes			
ALG RSA SHA PKCS1 PSS	no			
ALG_RSA_BITA_TROOT_FSS ALG_RSA_MD5_PKCS1_PSS	no			
ALG_RSA_RIPEMD160_PKCS1_PSS	no			
ALG_NGA_NIFEMD100_FRCG1_FGG				
ALG_NIMAC_SHA1 ALG_HMAC_SHA_256	no			
ALG_NIMAC_SHA_250 ALG HMAC SHA 384	no			
	no			
ALG_HMAC_SHA_512	no			
ALG_HMAC_ND5	no			
ALG_HMAC_RIPEMD160	no			
ALG_RSA_SHA_ISO9796_MR	no			
ALG_RSA_RIPEMD160_ISO9796_MR	no			
ALG_SEED_MAC_NOPAD	no			

javacard.security.MessageDigest	available	time (sec)
ALG_SHA	yes	
ALG_MD5	yes	
ALG_RIPEMD160	no	
ALG_SHA_256	no	
ALG_SHA_384	no	
ALG_SHA_512	no	
javacard.security.RandomData		
ALG_PSEUDO_RANDOM	yes	
ALG_SECURE_RANDOM	yes	
javacard.security.KeyBuilder		
TYPE_DES_TRANSIENT_RESET	yes	
TYPE_DES_TRANSIENT_DESELECT	yes	
TYPE_DES LENGTH_DES	yes	
TYPE_DES LENGTH_DES3_2KEY	yes	
TYPE_DES LENGTH_DES3_3KEY	yes	
TYPE_AES_TRANSIENT_RESET	yes	
TYPE_AES_TRANSIENT_DESELECT	yes	
TYPE_AES LENGTH_AES_128	yes	
TYPE_AES LENGTH_AES_192	yes	
TYPE_AES LENGTH_AES_256	yes	
TYPE_RSA_PUBLIC LENGTH_RSA_512	yes	
TYPE_RSA_PUBLIC LENGTH_RSA_736	yes	
TYPE_RSA_PUBLIC LENGTH_RSA_768	yes	
TYPE_RSA_PUBLIC LENGTH_RSA_896	yes	
TYPE_RSA_PUBLIC LENGTH_RSA_1024	yes	
TYPE_RSA_PUBLIC LENGTH_RSA_1280	yes	
TYPE_RSA_PUBLIC LENGTH_RSA_1536	yes	
TYPE_RSA_PUBLIC LENGTH_RSA_1984	yes	
TYPE_RSA_PUBLIC LENGTH_RSA_2048	yes	
TYPE_RSA_PRIVATE LENGTH_RSA_512	yes	
TYPE_RSA_PRIVATE LENGTH_RSA_736	yes	
TYPE_RSA_PRIVATE LENGTH_RSA_768	yes	
TYPE_RSA_PRIVATE LENGTH_RSA_896	yes	
TYPE_RSA_PRIVATE LENGTH_RSA_1024	yes	
TYPE_RSA_PRIVATE LENGTH_RSA_1280	yes	
TYPE_RSA_PRIVATE LENGTH_RSA_1536	yes	
TYPE_RSA_PRIVATE LENGTH_RSA_1984	yes	
TYPE_RSA_PRIVATE LENGTH_RSA_2048	yes	
TYPE_RSA_CRT_PRIVATE LENGTH_RSA_512	yes	
TYPE_RSA_CRT_PRIVATE LENGTH_RSA_736	yes	
TYPE_RSA_CRT_PRIVATE LENGTH_RSA_768	yes	
TYPE_RSA_CRT_PRIVATE LENGTH_RSA_896	yes	
TYPE_RSA_CRT_PRIVATE LENGTH_RSA_1024	yes	
TYPE_RSA_CRT_PRIVATE LENGTH_RSA_1280	yes	
TYPE_RSA_CRT_PRIVATE LENGTH_RSA_1536	yes	
TYPE_RSA_CRT_PRIVATE LENGTH_RSA_1984	yes	
TYPE_RSA_CRT_PRIVATE LENGTH_RSA_2048	yes	
TYPE_DSA_PRIVATE LENGTH_DSA_512	no	
TYPE_DSA_PRIVATE LENGTH_DSA_768	no	
TYPE_DSA_PRIVATE LENGTH_DSA_1024	no	
TYPE_DSA_PUBLIC LENGTH_DSA_512	no	
TYPE_DSA_PUBLIC LENGTH_DSA_768	no	
TYPE_DSA_PUBLIC LENGTH_DSA_1024	no	
TYPE_EC_F2M_PRIVATE LENGTH_EC_F2M_113	no	
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javacard.security.KeyPair ALG_EC_FP on-card generation ALG_EC_FP LENGTH_EC_FP_112 ALG_EC_FP LENGTH_EC_FP_128 ALG_EC_FP LENGTH_EC_FP_160 no	TYPE TO FOM DRIVATE LENGTH TO FOM 404		
TYPE_EC_F2M_PRIVATE LENGTH_EC_F2M_193 no TYPE_EC_FP_PRIVATE LENGTH_EC_FP_1128 no TYPE_EC_FP_PRIVATE LENGTH_EC_FP_128 no TYPE_EC_FP_PRIVATE LENGTH_EC_FP_180 no TYPE_EC_FP_PRIVATE LENGTH_EC_FP_180 no TYPE_CRAN_SEED_TRANSIENT_RESET no TYPE_KOREAN_SEED_TRANSIENT_RESET no TYPE_HORAC_TRANSIENT_DESELECT no TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC_LENGTH_HMAC_SHA_1B_LOCK_64 no TYPE_HMAC_LENGTH_HMAC_SHA_256_BLOCK_64 no TYPE_HMAC_LENGTH_HMAC_SHA_512_BLOCK_64 no ALG_RSA_LENGTH_RSA_512 yes ALG_RSA_LENGTH_RSA_768 yes ALG_RSA_LENGTH_RSA_768 yes ALG_RSA_LENGTH_RSA_1024 yes ALG_RSA_LENGTH_RSA_1984 yes ALG_RSA_LENGTH_RSA_1984 yes ALG_RSA_CRT_LENGTH_RSA_768 yes ALG_RSA_CRT_LENGTH_RSA_			
TYPE_EC_FP_PRIVATE LENGTH_EC_FP_128 no TYPE_EC_FP_PRIVATE LENGTH_EC_FP_128 no TYPE_EC_FP_PRIVATE LENGTH_EC_FP_160 no TYPE_EC_FP_PRIVATE LENGTH_EC_FP_192 no TYPE_KOREAN_SEED_TRANSIENT_RESET no TYPE_KOREAN_SEED_TRANSIENT_DESELECT no TYPE_HORACAN_SEED_TRANSIENT_DESELECT no TYPE_HMAC_TRANSIENT_RESET no TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC_LENGTH_HMAC_SHA_256_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_384_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_384_BLOCK_64 no javacard.security.KeyPair ALG_RSA on-card generation available ALG_RSA LENGTH_RSA_512 yes ALG_RSA LENGTH_RSA_586 yes ALG_RSA LENGTH_RSA_688 yes ALG_RSA LENGTH_RSA_1024 yes ALG_RSA LENGTH_RSA_1024 yes ALG_RSA_LENGTH_RSA_1984 yes ALG_RSA_LENGTH_RSA_1984 yes ALG_RSA_CRT LENGTH_RSA_768 yes ALG_RSA_CRT LENGTH_RSA_1024 yes			
TYPE_EC_FP_PRIVATE LENGTH_EC_FP_160 no TYPE_EC_FP_PRIVATE LENGTH_EC_FP_160 no TYPE_EC_FP_PRIVATE LENGTH_EC_FP_160 no TYPE_EC_FP_PRIVATE LENGTH_EC_FP_192 no TYPE_KOREAN_SEED_TRANSIENT_RESET no TYPE_KOREAN_SEED_TRANSIENT_DESELECT no TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC_LENGTH_HMAC_SHA_1_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_1_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_34_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_36_BLOCK_64 no TYPE_HMAC_LENGTH_HMAC_SHA_36_BLOCK_64 no TYPE_HMAC_LENGTH_RSA_512_BLOCK_64 no Inversion of the standard security. MeyPair ALG_RSA on-card generation available time (sec) ALG_RSA LENGTH_RSA_56 yes 4.391000 ALG_RSA LENGTH_RSA_736 yes 1.922000 ALG_RSA_LENGTH_RSA_736 yes 1.922000 ALG_RSA_LENGTH_RSA_1536 yes 1.766000 ALG_RSA_LENGTH_RSA_1536 yes 34.765000 ALG_RSA_CRT LENGTH_RSA_736 yes 1.84			
TYPE_EC_FP_PRIVATE LENGTH_EC_FP_180 no TYPE_KCREAN_SEED_TRANSIENT_RESET no TYPE_KOREAN_SEED_TRANSIENT_DESELECT no TYPE_KOREAN_SEED_LENGTH_KOREAN_SEED_128 no TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC_LENGTH_HMAC_SHA_1BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_256_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_384_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_384_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_384_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_384_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_384 available ALG_RSA LENGTH_RSA_512 available ALG_RSA_LENGTH_RSA_512 yes ALG_RSA_LENGTH_RSA_786 yes ALG_RSA_LENGTH_RSA_1280 yes ALG_RSA_LENGTH_RSA_1280 yes ALG_RSA_LENGTH_RSA_184 yes ALG_RSA_LENGTH_RSA_184 yes ALG_RSA_CRT LENGTH_RSA_156 yes ALG_RSA_CRT LENGTH_RSA_164 yes ALG_RSA_CRT LENGTH_RSA_184 yes ALG_			
TYPE_EC_FP_PRIVATE LENGTH_EC_FP_192 TYPE_KOREAN_SED_TRANSIENT_RESET TYPE_KOREAN_SED_TRANSIENT_DESELECT TYPE_KOREAN_SEED_TRANSIENT_DESELECT TYPE_HMAC_TRANSIENT_DESELECT TYPE_HMAC_TRANSIENT_DESELECT TYPE_HMAC_TRANSIENT_DESELECT TYPE_HMAC_TRANSIENT_DESELECT TYPE_HMAC_TRANSIENT_DESELECT TYPE_HMAC_TRANSIENT_DESELECT TYPE_HMAC_LENGTH_HMAC_SHA_1_BLOCK_64 TYPE_HMAC LENGTH_HMAC_SHA_1_BLOCK_64 TYPE_HMAC LENGTH_HMAC_SHA_184_BLOCK_64 TO TYPE_HMAC LENGTH_HMAC_SHA_512_BLOCK_64 TO ALG_RSA_LENGTH_RSA_512 ALG_RSA_LENGTH_RSA_512 ALG_RSA_LENGTH_RSA_736 ALG_RSA_LENGTH_RSA_736 ALG_RSA_LENGTH_RSA_1024 ALG_RSA_LENGTH_RSA_1024 ALG_RSA_LENGTH_RSA_1024 ALG_RSA_LENGTH_RSA_1024 ALG_RSA_LENGTH_RSA_1880 ALG_RSA_LENGTH_RSA_1984 ALG_RSA_LENGTH_RSA_1880 ALG_RSA_LENGTH_RSA_1884 ALG_RSA_LENGTH_RSA_2048 Javacard.security.KeyPair ALG_RSA_CRT on-card generation ALG_RSA_CRT_LENGTH_RSA_512 ALG_RSA_CRT_LENGTH_RSA_586 ALG_RSA_CRT_LENGTH_RSA_586 ALG_RSA_CRT_LENGTH_RSA_1886 ALG_RSA_CRT_LENGTH_RSA_1886 ALG_RSA_CRT_LENGTH_RSA_1886 ALG_RSA_CRT_LENGTH_RSA_1886 ALG_RSA_CRT_LENGTH_RSA_1880 ALG_RSA_CRT_LENGTH_RSA_1880 ALG_RSA_CRT_LENGTH_RSA_1880 ALG_RSA_CRT_LENGTH_RSA_1880 ALG_RSA_CRT_LENGTH_RSA_1880 ALG_RSA_CRT_LENGTH_RSA_1880 ALG_RSA_CRT_LENGTH_RSA_1880 ALG_RSA_CRT_LENGTH_RSA_1880 ALG_RSA_CRT_LENGTH_RSA_1894 ALG_RSA_CRT_LENGTH_RSA_1894 ALG_DSA_LENGTH_DSA_512 ALG_DSA_LENGTH_DSA_512 ALG_DSA_LENGTH_DSA_512 ALG_DSA_LENGTH_DSA_512 ALG_DSA_LENGTH_DSA_512 ALG_DSA_LENGTH_DSA_512 ALG_DSA_LENGTH_DSA_768 ALG_DSA_LENGTH_DSA_768 ALG_DSA_LENGTH_DSA_768 ALG_DSA_LENGTH_DSA_768 ALG_DSA_LENGTH_DSA_768 ALG_DSA_LENGTH_DSA_768 ALG_DSA_LENGTH_DSA_768 ALG_DSA_LENGTH_DSA_768 ALG_DSA_LENGTH_DSA_768 ALG_CR_PM_LENGTH_EC_FPM_113 ALG_EC_FPM_LENGTH_EC_FPM_113 ALG_EC_FPM_LENGTH_EC_FPM_113 ALG_EC_FPM_LENGTH_EC_FPM_113 ALG_EC_FPM_LENGTH_EC_FPM_113 ALG_EC_FPM_LENGTH_EC_FPM_114 ALG_EC_FPM_LENGTH_EC_FPM_128 ALG_EC_FP LENGTH_EC_FPM_128 ALG_EC_FP LENGTH_EC_FPM_128 ALG_EC_FP LENGTH_EC_FPM_128 ALG_EC_FP LENGTH_EC_FPM_128 ALG_EC_FP LENGTH_EC_FPM_128 ALG_EC_FP LENGTH_EC_FPM_128 ALG_EC_FP LENGTH_EC_FP			
TYPE_KOREAN_SEED_TRANSIENT_RESET no TYPE_KOREAN_SEED_TRANSIENT_DESELECT no TYPE_KOREAN_SEED_LENGTH_KOREAN_SEED_128 no TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC_LENGTH_HMAC_SHA_1BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_18LOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_18LOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_18L_BLOCK_64 no TYPE_HMAC_LENGTH_HMAC_SHA_18L_BLOCK_64 no ALG_RSA_LENGTH_RSA_151 yes ALG_RSA_LENGTH_RSA_152 yes ALG_RSA_LENGTH_RSA_188 yes ALG_RSA_LENGTH_RSA_1984 yes ALG_RSA_LENGTH_RSA_1984 yes ALG_RSA_CRT LENGTH_RSA_168 yes ALG_RSA_CRT LENGTH_RSA_1884 yes			
TYPE_KOREAN_SEED_TRANSIENT_DESELECT no TYPE_HCRCREAN_SEED LENGTH_KOREAN_SEED_128 no TYPE_HMAC_TRANSIENT_RESET no TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC_LENGTH_HMAC_SHA_256_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_384_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_512_BLOCK_64 no Invacard.security.KeyPair_ALG_RSA on-card generation available ALG_RSA LENGTH_RSA_512 yes 4.391000 ALG_RSA LENGTH_RSA_736 no no ALG_RSA LENGTH_RSA_736 yes 1.922000 ALG_RSA LENGTH_RSA_768 yes 1.922000 ALG_RSA LENGTH_RSA_186 yes 1.922000 ALG_RSA_LENGTH_RSA_180 yes 1.922000 ALG_RSA_LENGTH_RSA_180 yes 1.922000 ALG_RSA_LENGTH_RSA_1980 yes 21.547000 ALG_RSA_LENGTH_RSA_1980 yes 34.765000 ALG_RSA_LENGTH_RSA_1984 yes 34.765000 ALG_RSA_CRT LENGTH_RSA_512 yes 1.844000 ALG_RSA_CRT LENGTH_RSA_768 yes 2.562000 <tr< td=""><td></td><td></td><td></td></tr<>			
TYPE_KOREAN_SEED LENGTH_KOREAN_SEED_128 no TYPE_HMAC_TRANSIENT_RESET no TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC LENGTH_HMAC_SHA_1BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_256_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_512_BLOCK_64 no ALG_RSA_LENGTH_RSA_512 yes ALG_RSA_LENGTH_RSA_512 yes ALG_RSA_LENGTH_RSA_736 yes ALG_RSA_LENGTH_RSA_736 yes ALG_RSA_LENGTH_RSA_736 yes ALG_RSA_LENGTH_RSA_736 yes ALG_RSA_LENGTH_RSA_736 yes ALG_RSA_LENGTH_RSA_168 yes ALG_RSA_LENGTH_RSA_1024 yes ALG_RSA_LENGTH_RSA_1536 yes ALG_RSA_LENGTH_RSA_1536 yes ALG_RSA_LENGTH_RSA_1984 yes ALG_RSA_CRT LENGTH_RSA_512 yes ALG_RSA_CRT LENGTH_RSA_736 yes ALG_RSA_CRT LENGTH_RSA_786 yes ALG_RSA_CRT LENGTH_RSA_1896 yes ALG_RSA_CRT LENGTH_RSA_184 yes ALG_RSA_CRT LENGTH_RSA_1536 yes ALG_RSA_			
TYPE_HMAC_TRANSIENT_RESET no TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC_LENGTH_HMAC_SHA_1BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_256_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_512_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_512_BLOCK_64 no gavacard.security.KeyPair ALG_RSA on-card generation available ALG_RSA LENGTH_RSA_512 yes ALG_RSA LENGTH_RSA_736 yes ALG_RSA LENGTH_RSA_736 yes ALG_RSA LENGTH_RSA_768 yes ALG_RSA LENGTH_RSA_168 yes ALG_RSA LENGTH_RSA_1024 yes ALG_RSA LENGTH_RSA_1024 yes ALG_RSA LENGTH_RSA_1536 yes ALG_RSA_LENGTH_RSA_1636 yes ALG_RSA_LENGTH_RSA_1984 yes ALG_RSA_LENGTH_RSA_1984 yes ALG_RSA_CRT LENGTH_RSA_1536 yes ALG_RSA_CRT LENGTH_RSA_168 yes ALG_RSA_CRT LENGTH_RSA_168 yes ALG_RSA_CRT LENGTH_RSA_1024 yes ALG_RSA_CRT LENGTH_RSA_1984 yes ALG_RSA_CRT LENGTH_RSA_1984 yes		_	
TYPE_HMAC_TRANSIENT_DESELECT no TYPE_HMAC LENGTH, HMAC_SHA_1BLOCK_64 no TYPE_HMAC LENGTH, HMAC_SHA_256_BLOCK_64 no TYPE_HMAC LENGTH, HMAC_SHA_384_BLOCK_64 no TYPE_HMAC LENGTH, HMAC_SHA_384_BLOCK_64 no javacard.security.KeyPair ALG_RSA on-card generation available ALG_RSA LENGTH_RSA_512 yes ALG_RSA LENGTH_RSA_768 yes ALG_RSA LENGTH_RSA_768 yes ALG_RSA LENGTH_RSA_768 yes ALG_RSA LENGTH_RSA_1024 yes ALG_RSA LENGTH_RSA_1024 yes ALG_RSA LENGTH_RSA_1536 yes ALG_RSA LENGTH_RSA_1536 yes ALG_RSA_LENGTH_RSA_1536 yes ALG_RSA_LENGTH_RSA_1984 yes ALG_RSA_LENGTH_RSA_1984 yes ALG_RSA_CRT LENGTH_RSA_512 yes ALG_RSA_CRT LENGTH_RSA_768 yes ALG_RSA_CRT LENGTH_RSA_768 yes ALG_RSA_CRT LENGTH_RSA_1896 yes ALG_RSA_CRT LENGTH_RSA_1984 yes ALG_RSA_CRT LENGTH_RSA_1984 yes ALG_RSA_CRT LENGTH_RSA_1984 ye			
TYPE_HMAC LENGTH_HMAC_SHA_256_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_256_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_384_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_384_BLOCK_64 no iavacard.security.KeyPair ALG_RSA on-card generation available ALG_RSA LENGTH_RSA_512 yes 4.391000 ALG_RSA LENGTH_RSA_736 no no ALG_RSA LENGTH_RSA_768 yes 1.922000 ALG_RSA LENGTH_RSA_168 yes 1.922000 ALG_RSA LENGTH_RSA_1024 yes 5.766000 ALG_RSA LENGTH_RSA_1280 yes 34.765000 ALG_RSA LENGTH_RSA_1280 yes 34.765000 ALG_RSA LENGTH_RSA_1984 yes 55.188000 ALG_RSA_CRT LENGTH_RSA_2048 yes 55.188000 ALG_RSA_CRT LENGTH_RSA_512 yes 1.844000 ALG_RSA_CRT LENGTH_RSA_736 yes 2.562000 ALG_RSA_CRT LENGTH_RSA_168 yes 3.703000 ALG_RSA_CRT LENGTH_RSA_1984 yes 7.016000 ALG_RSA_CRT LENGTH_RSA_2048 yes 7.016000 ALG_DSA LENGTH_			
TYPE_HMAC LENGTH_HMAC_SHA_256_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_384_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_384_BLOCK_64 no iavacard.security.KeyPair ALG_RSA on-card generation available ALG_RSA LENGTH_RSA_512 yes 4.391000 ALG_RSA LENGTH_RSA_768 yes 1.922000 ALG_RSA LENGTH_RSA_768 yes 9.812000 ALG_RSA LENGTH_RSA_1024 yes 5.766000 ALG_RSA LENGTH_RSA_1280 yes 21.547000 ALG_RSA LENGTH_RSA_1536 yes 34.765000 ALG_RSA LENGTH_RSA_1984 yes 34.765000 ALG_RSA LENGTH_RSA_1984 yes 34.765000 ALG_RSA_CRT LENGTH_RSA_1984 yes 34.848000 ALG_RSA_CRT LENGTH_RSA_512 yes 1.844000 ALG_RSA_CRT LENGTH_RSA_768 yes 2.562000 ALG_RSA_CRT LENGTH_RSA_168 yes 3.703000 ALG_RSA_CRT LENGTH_RSA_1536 yes 7.016000 ALG_RSA_CRT LENGTH_RSA_1984 yes 7.016000 ALG_RSA_CRT LENGTH_RSA_1984 yes 41.734000			
TYPE_HMAC LENGTH_HMAC_SHA_384_BLOCK_64 no TYPE_HMAC LENGTH_HMAC_SHA_512_BLOCK_64 no javacard.security.KeyPair ALG_RSA on-card generation available ALG_RSA LENGTH_RSA_736 yes 4.391000 ALG_RSA LENGTH_RSA_768 yes 1.922000 ALG_RSA LENGTH_RSA_768 yes 9.812000 ALG_RSA LENGTH_RSA_1024 yes 5.766000 ALG_RSA LENGTH_RSA_1280 yes 34.765000 ALG_RSA LENGTH_RSA_1536 yes 34.765000 ALG_RSA LENGTH_RSA_1984 yes 55.188000 ALG_RSA LENGTH_RSA_1984 yes 55.188000 ALG_RSA_CRT LENGTH_RSA_2048 yes 55.188000 javacard.security.KeyPair ALG_RSA_CRT on-card generation ALG_RSA_CRT LENGTH_RSA_512 yes 1.844000 ALG_RSA_CRT LENGTH_RSA_768 yes 2.562000 yes 3.703000 ALG_RSA_CRT LENGTH_RSA_1536 yes 3.703000 yes 7.016000 ALG_RSA_CRT LENGTH_RSA_1536 yes 7.016000 yes 7.016000 ALG_RSA_CRT LENGTH_RSA_152 no no no		_	
TYPE_HMAC LENGTH_HMAC_SHA_512_BLOCK_64 no javacard.security.KeyPair ALG_RSA on-card generation available time (sec) ALG_RSA LENGTH_RSA_512 yes ALG_RSA LENGTH_RSA_736 no ALG_RSA LENGTH_RSA_768 yes ALG_RSA LENGTH_RSA_896 yes ALG_RSA LENGTH_RSA_1024 yes ALG_RSA LENGTH_RSA_1280 yes ALG_RSA LENGTH_RSA_1536 yes ALG_RSA LENGTH_RSA_1536 yes ALG_RSA LENGTH_RSA_1540 yes ALG_RSA_LENGTH_RSA_1540 yes ALG_RSA_LENGTH_RSA_1540 yes ALG_RSA_LENGTH_RSA_1540 yes ALG_RSA_LENGTH_RSA_1540 yes ALG_RSA_CRT LENGTH_RSA_512 yes ALG_RSA_CRT LENGTH_RSA_768 yes ALG_RSA_CRT LENGTH_RSA_768 yes ALG_RSA_CRT LENGTH_RSA_1024 yes ALG_RSA_CRT LENGTH_RSA_1536 yes ALG_RSA_CRT LENGTH_RSA_1536 yes ALG_RSA_CRT LENGTH_RSA_1984 yes ALG_RSA_CRT LENGTH_RSA_1984 yes ALG_RSA_CRT LENGTH_CSA_1024 yes			
available Avai			
ALG_RSA LENGTH_RSA_512 ALG_RSA LENGTH_RSA_768 ALG_RSA LENGTH_RSA_768 ALG_RSA LENGTH_RSA_896 ALG_RSA LENGTH_RSA_1024 ALG_RSA LENGTH_RSA_1280 ALG_RSA LENGTH_RSA_1536 ALG_RSA LENGTH_RSA_1536 ALG_RSA LENGTH_RSA_2048 igavacard.security.KeyPair ALG_RSA_CRT on-card generation ALG_RSA_CRT LENGTH_RSA_768 ALG_RSA_CRT LENGTH_RSA_768 ALG_RSA_CRT LENGTH_RSA_1024 ALG_RSA_CRT LENGTH_RSA_1086 ALG_RSA_CRT LENGTH_RSA_1080 ALG_RSA_CRT LENGTH_RSA_1084			time (sec)
ALG_RSA LENGTH_RSA_736 ALG_RSA LENGTH_RSA_768 ALG_RSA LENGTH_RSA_896 ALG_RSA LENGTH_RSA_1024 ALG_RSA LENGTH_RSA_1280 ALG_RSA LENGTH_RSA_1536 ALG_RSA LENGTH_RSA_1536 ALG_RSA LENGTH_RSA_1984 ALG_RSA LENGTH_RSA_2048 izvacard.security. KeyPair ALG_RSA_CRT on-card generation ALG_RSA_CRT LENGTH_RSA_736 ALG_RSA_CRT LENGTH_RSA_768 ALG_RSA_CRT LENGTH_RSA_1684 ALG_RSA_CRT LENGTH_RSA_1684 ALG_RSA_CRT LENGTH_RSA_1684 ALG_RSA_CRT LENGTH_RSA_1684 ALG_RSA_CRT LENGTH_RSA_1684 ALG_RSA_CRT LENGTH_RSA_1685 ALG_RSA_CRT LENGTH_RSA_1686 ALG_RSA_CRT LENGTH_RSA_1686 ALG_RSA_CRT LENGTH_RSA_15366 ALG_DSA LENGTH_DSA_1024 igavacard.security.KeyPair ALG_DSA on-card generation ALG_DSA LENGTH_DSA_1024 igavacard.security.KeyPair ALG_CF2M_113 ALG_EC_F2M LENGTH_EC_F2M_113 ALG_EC_F2M LENGTH_EC_F2M_163 ALG_EC_F2M LENGTH_EC_F2M_163 ALG_EC_F2M LENGTH_EC_FP_112 ALG_EC_FP LENGTH_EC_FP_112	, , , –		, ,
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ALG_EC_FP LENGTH_EC_FP_160 no		_	
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