

검증필 암호모듈 형상데이터

2020. 3. 3.

검증필 암호모듈 일반사항

암호모듈 명칭	MagicFCrypto V1.0.0
개발업체(기관)	(주)드림시큐리티
검증일	2020년 3월 3일
보안수준	1
검증번호	CM-163-2025.3

형상데이터

○ 경량 암호모듈

MCU	아키텍처	모듈명	식별자	해시값(SHA-512)
STM32F103VE	ARMv7-M Cortex-M3	MagicFCryptoL.bin	101A	067F4107404C1A65C22302B71B740276E6370F4A885F54210F3737C8A1F3D8294442DF18E6B5325E21B70ACADBF77FC2DA8A1776B5C4E FEA984F3CEF26CC94DE
		MagicFCryptoL.bin	101B	9BE72E171928237475794399BFC1E043F04DE12C558E28BD7ACE0F8D073E3735F83D38937279BFD3F1DBE883D4C294F3E27294B4254C669D41EECD4A030CBA69
STM32F103ZE	ARMv7-M Cortex-M3	MagicFCryptoL.bin	102A	8EC4BFF76AFAC1AF59D670A78C284DF71949D7B98B6EC7904D0629DD07A652A393CA1CB9B1A57730C84AB41F0D02A8061B4BCC789E F1F3AACA916959FBF0330E
		MagicFCryptoL.bin	102B	9BE72E171928237475794399BFC1E043F04DE12C558E28BD7ACE0F8D073E3735F83D38937279BFD3F1DBE883D4C294F3E27294B4254C669D41EECD4A030CBA69
STM32F103VG	ARMv7-M Cortex-M3	MagicFCryptoL.bin	103A	6ADC8B13EB850D7C34C7EF2298CA43DFDA1BDADD0C4DC1CF1FBA0EF86888190F4FED14508EC7FB70A0AEB5F7D294B5B9CF563CFB

				C1CD0CFEF7F824ED4A1E8F12
		MagicFCryptoL .bin	103B	DA396A3316E633758864CC72A1E 2B58C8A7D836300D58BE0EE95D4 0C8349CDF28D9EDA84743CD069 DE4FA4319C756A062AE2884C85 CADDEDB14B5F467CCA31BE
STM32L43 2KC	ARMv7-M Cortex-M4	MagicFCryptoL .bin	104A	820E86090814FDA3EE2D997538F 3860B093111872C9DB8A4F7E3F4 12308D8B54636402B10B327C565B 318171FF1BC0BB076290C794B6F CBF3B6B2769419D9BAE
		MagicFCryptoL .bin	104B	F8AC7EE0B0ECDA3A830280E9C0 BD6D3AD5D876C5DDA645F24F61 D30B9E13ABF14170BAE51522667 20EB438BF4DF741FFE3B4A8C638 5BCD51CD1B2E5F97EDE478
STM32F09 1RC	ARMv6-M Cortex-M0	MagicFCryptoL .bin	105A	577EA5F065B5C21988432358B892 8162B3CC7D658E9B7E8207F54F3 0D01049EC0F6DD446978BDF471B 71DA2E33F136DBC0EF31D621279 5478A392BC23A8AA84D
		MagicFCryptoL .bin	105B	F038ADC5654EBBF5AAEB1270805 CA10F08128800E6A4AB76F59DD4 F78AD47894D1A205EF7312471BE 77C3F85952C0E6396427CB1D221 30830E076C7B52D61B49
STM32L15 2RE	ARMv7-M Cortex-M3	MagicFCryptoL .bin	106A	3C052EB34DA98AFC30C786C2798 88978AED78FB04A78DFD2BC623 93030931296B16C00BF5D8C398B E443B60C03C49DA205C30E9063D C9798D676EDA7DA08FE5A
		MagicFCryptoL .bin	106B	59FAFC307445A0F506413224E26 E400B04BB60557121B3FFFFE22E 9D7A5F0B396BEBCA4F12EFF9140 95880C8D78F89CE8B6458B485F7 ED8160BF21089ACA975E
STM32F40 1RE	ARMv7-M Cortex-M4	MagicFCryptoL .bin	107A	2F9D28ECB93A8138EE0213E0315 9AF0A5D226B0C59224FC1702C86 9A3F0998EFFEF98251C29F588BC E8BA0A9E7568C65BC01DFEA981 578EC28443337316FD55B
		MagicFCryptoL .bin	107B	68CC52B0633C29D6BB2E890C107 B9AC2232979C96E4127BBE58C51 868976A86BAE9FEA2EB327A954B 8F09D6BE238E9DD45D9B6A7928 F6022D682821EEF796384
STM32F44	ARMv7-M	MagicFCryptoL	108A	7EB19868D72BD6F2FEA28B2D244

6RE	Cortex-M4	.bin		19FBC30D8B22C965D3AA70BEB5 2BE3BDA457ABC6E02D4572C3A1 489E7DA4EBDDF0B8E710F35CFB 0EE7BAB306DBEC12FDB521C
		MagicFCryptoL .bin	108B	ACF6B08759F78D34819DA970375 5D0979C4A4CF68E5B30B78C984F 4FE43A79831DBE68561FB6F0E7C 8D328583CEB75A373B9E085FCDB 2C8C5F725E6D7C53F036
STM32F74 6NG	ARMv7-M Cortex-M7	MagicFCryptoL .bin	109A	044EA84E93B84ECD43C7B10E923 1108B973FBAC4B8022B695E58A6 8308580E44EF250A6D799CB7ACA 0F8A66B79EA26E32347B3E14F77 2795BD374EA7CC59DBFC
		MagicFCryptoL .bin	109B	33576791441516CE53AC707BA3A 9BC241BC1923E1E4AB03618135A 48923A3DAB06C1E5D9F5FC80A4 B93E3513F9AB960BD66AAC1DBA 15BF0CCC2A500F1AA5113A
STM32L15 1CC	ARMv7-M Cortex-M4	MagicFCryptoL .bin	110A	E30C673FBC976089F157DB12373 F58AB952F916B0714D6802900FA AE119112752DD09EB31F23EDFF2 E90D60A0D5BB5E81669C4EE25F3 00642634169AF281FCBB
		MagicFCryptoL .bin	110B	ACF5F99DF7EA32179A896D87442 71A3BC1BAF32BE1A040B30CB320 B0114B002DA04E619E0159F21CE D93A2FB486962E3BE6D8738DEC1 08BDB5FDD800556EA0B9
MK22FN512 VLL12	ARMv7-M Cortex-M4	MagicFCryptoL .bin	111B	214E2595FD35EA2A98ABC6CFDF 6932F41D5D8BE228562BF33D791 780536FF26D8BD11D277BAC53B1 6794AC45E8653C66004DE2FF968 6B3E3DA3EA4E77E708A55
MK22FN1M 0VLL12	ARMv7-M Cortex-M4	MagicFCryptoL .bin	112B	9C012A08A4183EED4CDFDB3EBF E75A0ED226C4A27BCC50AE7575 144AE9F966341521CEB37EF268C F4F342398CB78891D49E58FAAC6 1A6D361C2B2BA5A326D3A6

○ 일반 암호모듈

MCU	아키텍처	모듈명	식별자	해시값(SHA-512)
STM32F103VE	ARMv7-M Cortex-M3	MagicFCrypto .bin	201A	4816E48BC15571A57C2D51C7A1C 1A51ED1D429D6654145DC05E72E 56666A51667A612921D3BEF9F07 EB3728F39CEB4E645B1C4BE77D2 8489C5B866A7FB91BDC8
		MagicFCrypto .bin	201B	A33E5C4DA30A6E22302478C849F 6FBC659D115479E94D1C06F809A F1CE3869442D01BDAB29C133C25 18DA817F7AD9CDB146D8CA6756 4146E1D01D584FF9E1719
STM32F103ZE	ARMv7-M Cortex-M3	MagicFCrypto .bin	202A	1325FFBC139399F4CCDCECB672 A9386185B6DEACA12E30BB02E8 D20FCFF20B6098626EDDF8061F1 E2B066A2B4D8F70CD9FAF51119 E5D28D8B9D8ED8DC43E4C24
		MagicFCrypto .bin	202B	A33E5C4DA30A6E22302478C849F 6FBC659D115479E94D1C06F809A F1CE3869442D01BDAB29C133C25 18DA817F7AD9CDB146D8CA6756 4146E1D01D584FF9E1719
STM32F103VG	ARMv7-M Cortex-M3	MagicFCrypto .bin	203A	96FA0FD2779E1AC19CF0D3E23C 08599DDF0B14F084EDE8202BF50 E6B02BE39ADAE87A69CFC6A28B EEF0D859EE675B4CF877BBF1D15 6E1966B88CD0C8A4503530
		MagicFCrypto .bin	203B	7863EC29E8A9B66D873607DB782 D7650D06B043DCB81DE5FADA74 5FAD00D3D0C006784C1F49AEDE 95337861F1C8362F7CB30F72E15 AF9F84EA9903ED5CAC233A
STM32L432KC	ARMv7-M Cortex-M4	MagicFCrypto .bin	204A	460944BABAC0511A8A83681189B EB7C11860C6AB62A02E3F08C50C 812792034C48C457D7E05D4DD62 562FFB024FF7A3F1A4B7E117EA5 BBA4FFC816A981E159DF
		MagicFCrypto .bin	204B	6EC9D858BBB37576CE5699D8169 885E94E064FCB597F05F627537C2 AEF92C28D48ED9A3FA8150BE66 F7EE035ACE99464972E9C3DE8D AD5878C1074894B48385A
STM32F091RC	ARMv6-M Cortex-M0	MagicFCrypto .bin	205A	81E04B5814725C9D66E15AB4236 3F365CEF7B2F77EA4223B6D440D E460313E290EAB6EF7CEFD23493 29C81ACACC66DC82A5E7C5E59E

				17271ED3E891AFFC6E54B
		MagicFCrypto .bin	205B	D3B858979F469352BFA260A337E E40E767CC9D07BD3B4F2DD73F5 828A5460E0FBFC6737C9B2120C0 C08565980002AAC687756E53D16 5DE5FDC6E795752DD0C01
STM32L15 2RE	ARMv7-M Cortex-M3	MagicFCrypto .bin	206A	AB0834D33BA80B08D7112012361 70BD3FE673A68EBB3C9EF74F641 640C929DF93B766C342ADA0D099 687BE3E595B3EBC2B8AB199E3A5 81B053C5639B61C598E5
		MagicFCrypto .bin	206B	FE4167C5BF9E12A1D93894D4297 5F148BD70E051CF24FB6D2AA0B5 0ADD7054DA569C520EDCEDE74B 72173D4C1DE9B84819E5B345635 84EABF69D9725D67FAD93
STM32F40 1RE	ARMv7-M Cortex-M4	MagicFCrypto .bin	207A	9464909EC85F523395FD08981975 CBC28B48CD25AD247BCE6B1E58 60DF15C33187F6FC5791DF70FAF E710ACBC9E2CF2ABAFE80E438E 2F63BFE4BA3CB9C40CF1C
		MagicFCrypto .bin	207B	C54B6EABB466E3AD28A24F16C8 7F53BE2889D89C5F3E3F266D3C4 F0AD97093847EF636552FD328DC 84533EB54A03CB207FE18B6848C 4CB74E13670BA88166D0E
STM32F44 6RE	ARMv7-M Cortex-M4	MagicFCrypto .bin	208A	BB8EEABCC56FCA4A2DCFBBC86 34EBDE27FFFCB4B05E200318D68 18356164F418056DA19C44106E46 2485CBA41AC277A61F6157F8D9 A12E0B76DEEA0A71F7FBE6
		MagicFCrypto .bin	208B	45C3C0933F839959B3676604C7B4 A28667ED4F1506B2A30617A8AB8 F7C06B5876A4A79ED22C1C1209E FF263CA134F0FF1440F31B86D59 07BB4176BFE021DE516
STM32F74 6NG	ARMv7-M Cortex-M7	MagicFCrypto .bin	209A	32B1C18686D8CABD853AA2AD24 847C6DF75DB37A245532C43F399 EDBC210F087BC83A0A6FA366DE 84CD14F63EF506296B3DBE677FF 710C26F9224E616D33B671
		MagicFCrypto .bin	209B	F9BF9AF287E63B70BC8FA58BE60 D950317C4C1ADC5A374158FB9A 0A5ED7BD0CBADA5C4BCE88586 DC536A0904B319050B56CA67DB3 0395E60203AF378E167AB51
STM32L15 1CC	ARMv7-M Cortex-M4	MagicFCrypto .bin	210A	A5348F34CBAC7D75FDF85E6D19 6D9D6B7388F8D751DBFC714B7A

				CF3009C64EE9C9CF0D755806ADC7DDC8E5470EE99E8960B27D1B063161BA33803EB1D8123A11
		MagicFCrypto .bin	210B	211340F9D52040F5064B9A1559992ECF1B867ADE2A3B04BE4A24464F9F8D0AD60029A2BA71531F898D60EC2433276FD2ABDC9C513B2134547746863A0096AF31
STM32L47 6VE	ARMv7-M Cortex-M4	MagicFCrypto .bin	211A	1E6DE57A88829A8ACC67D783671B7F87A7DC227D6ED234E05B4A2B9AEB260440E171AE8D9EC29AFDC9A3400EE83AF6F136044729D3DFAE0151574698380F78D8
		MagicFCrypto .bin	211B	C54B6EABB466E3AD28A24F16C87F53BE2889D89C5F3E3F266D3C4F0AD97093847EF636552FD328DC84533EB54A03CB207FE18B6848C4CB74E13670BA88166D0E
STM32F72 3IE	ARMv7-M Cortex-M7	MagicFCrypto .bin	212A	967F72A3859F6CD4AFF10D616AD5B3779CB421ED0188193B4404EACF70F96D49D93277DA2459C9C8025C9F5764C87EDA2D20A9752C145F107C45FB7D76CE33DF
		MagicFCrypto .bin	212B	FFC47E6E0B5F35498CE876C3FDF A9D86E2B42582203363A1ACF6DBB0A65AD672655217CE180D6301AD7F523893592BE089633AE3CBB29E43EE72ACBC8365D633
MK22FN512 VLL12	ARMv7-M Cortex-M4	MagicFCrypto .bin	213B	CB514E3B9CEF0670F248BAB7F03D6C30898FE0FEEC17D0AC9ECE1768FB82FD2201D9243A6C56CBAFAAD66AB32D561BF25E95F75ABB B6C5F9D45ECFB9B5B0EDB3
MK22FN1M0 VLL12	ARMv7-M Cortex-M4	MagicFCrypto .bin	214B	65C9F6709476C4F963A90218D8593850D20E1A018D4775321DF5748BA302F7DA051471609A69AA61B5684ABEFEC55DD6C573F91C832461AE875BAED0EB3AFB4A
MAX32510	ARMv7-M Cortex-M3	MagicFCrypto .bin	215A	C9D7B9448C9151ACD8554AA67410C1B84E0BC1A3F68E2E7B984844267FAFB0B6C11C8116B0FF229C6AB83DDBFC23D761C2F3DD762DCD3D6C4DC04620972319CB
MAX32558	ARMv7-M Cortex-M3	MagicFCrypto .bin	216A	7771520F7225D8D1B70202310E67ECABD83D4DEE7770D1FF88EDE3F3FB8E16EBF841F2CA27CEDB2252D0FF32171B5A2ADCDC80ABF7E0945F607DF8F59BC8482B

GDM7243i	ARMv7-R Cortex-R4	MagicFCrypto .bin	217C	80839AD24D6285A2E0B346CBE21 D33B6FE0434055E38D1454290C7 5E1BBEB1D3BBD60F5A0BECD878 693AB9A5C94C169560CBD2DA95 CF6F26A86F2E58EFE44A0B
FIGHTER	ARMv7-M Cortex-M4	MagicFCrypto .bin	218B	03673ECD9B46C26769C0268150F 7E584C54BAEE40D0F7881DAD6F 175A52FB07E8814717B294760900 F61105C88DD18ACB9ABF21CE86 CFF79BB2CD8E3518F818F