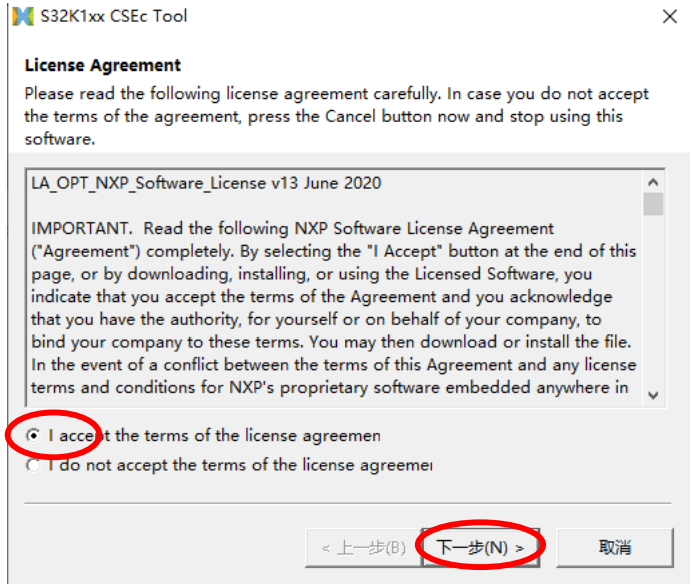
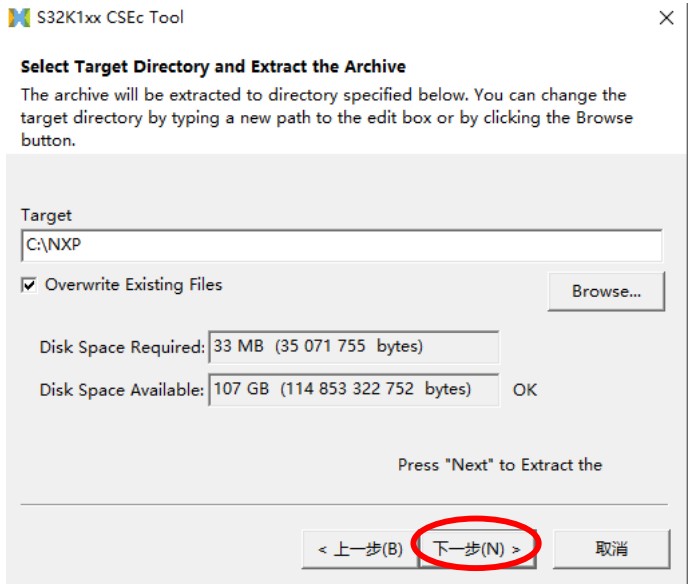
# S32K1XX CSEC TOOL

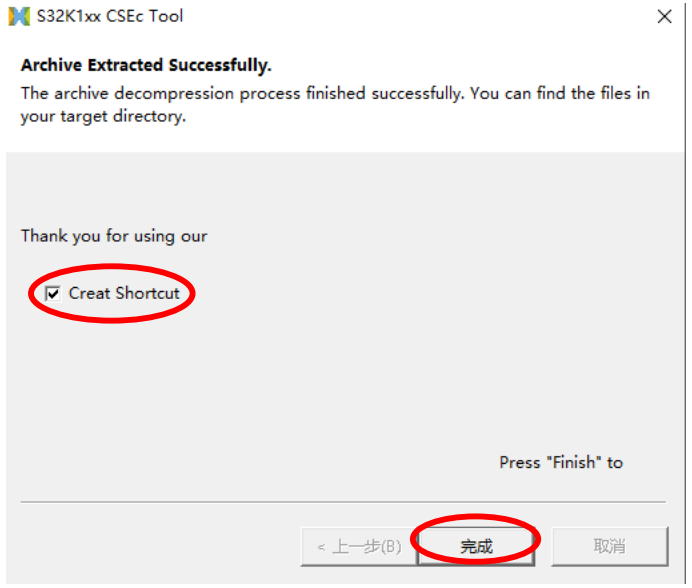
## Quick start guide

SECURE CONNECTIONS
FOR A SMARTER WORLD

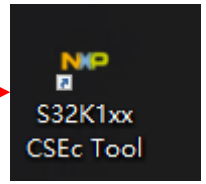
# 1 Install software

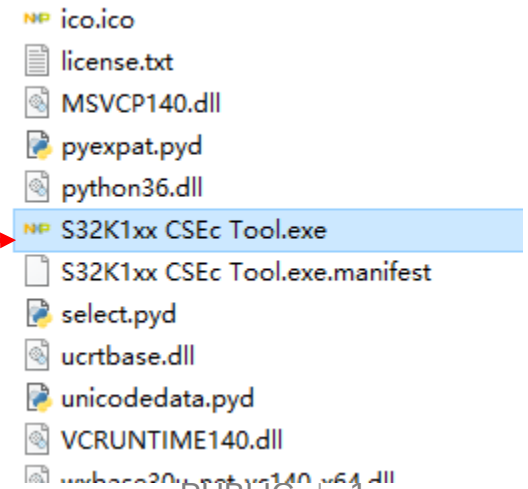


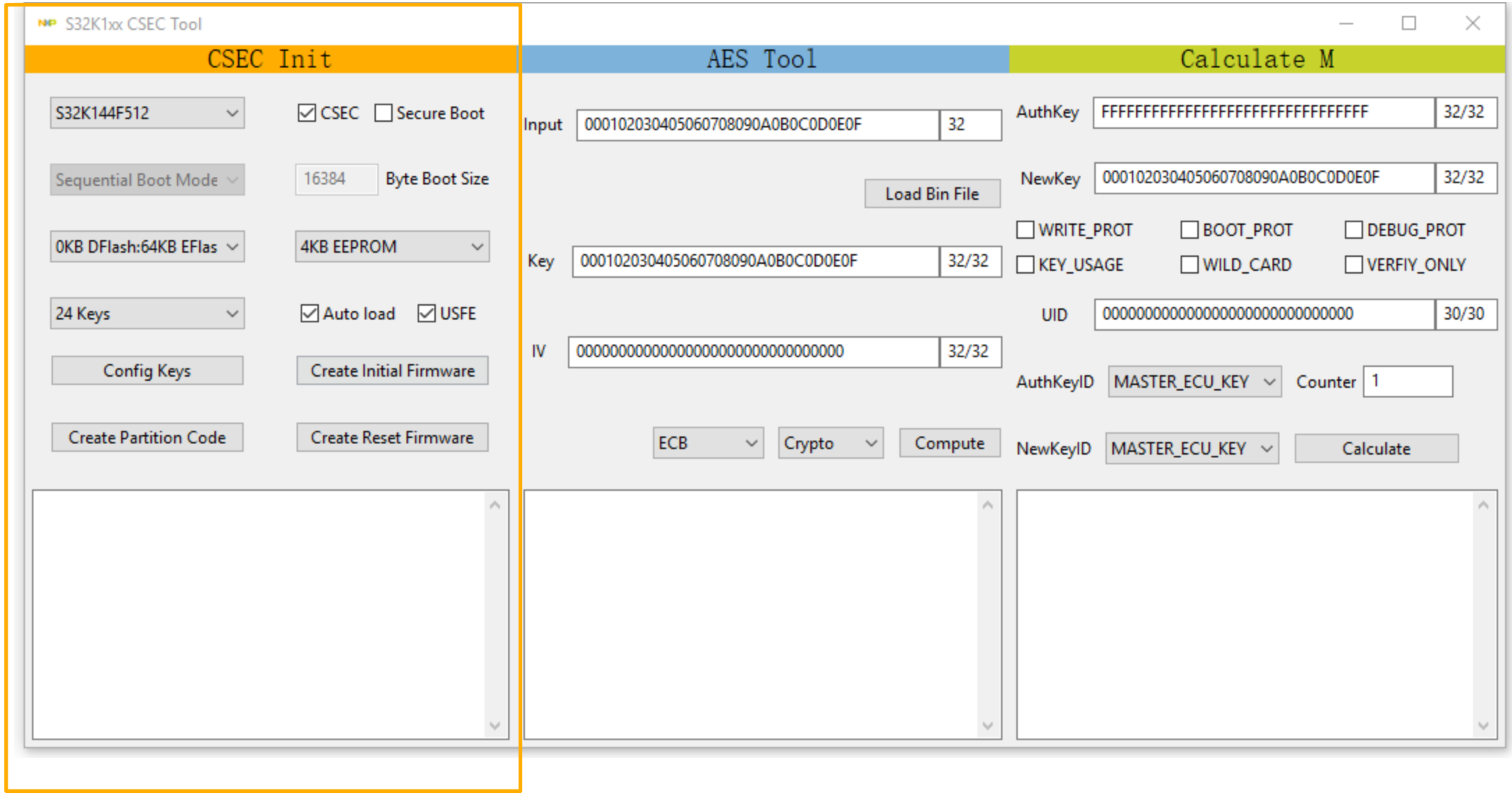




Double click the shortcut on desktop.
Or find the S32K1xx CSEc Tool.exe in software install folder to run it

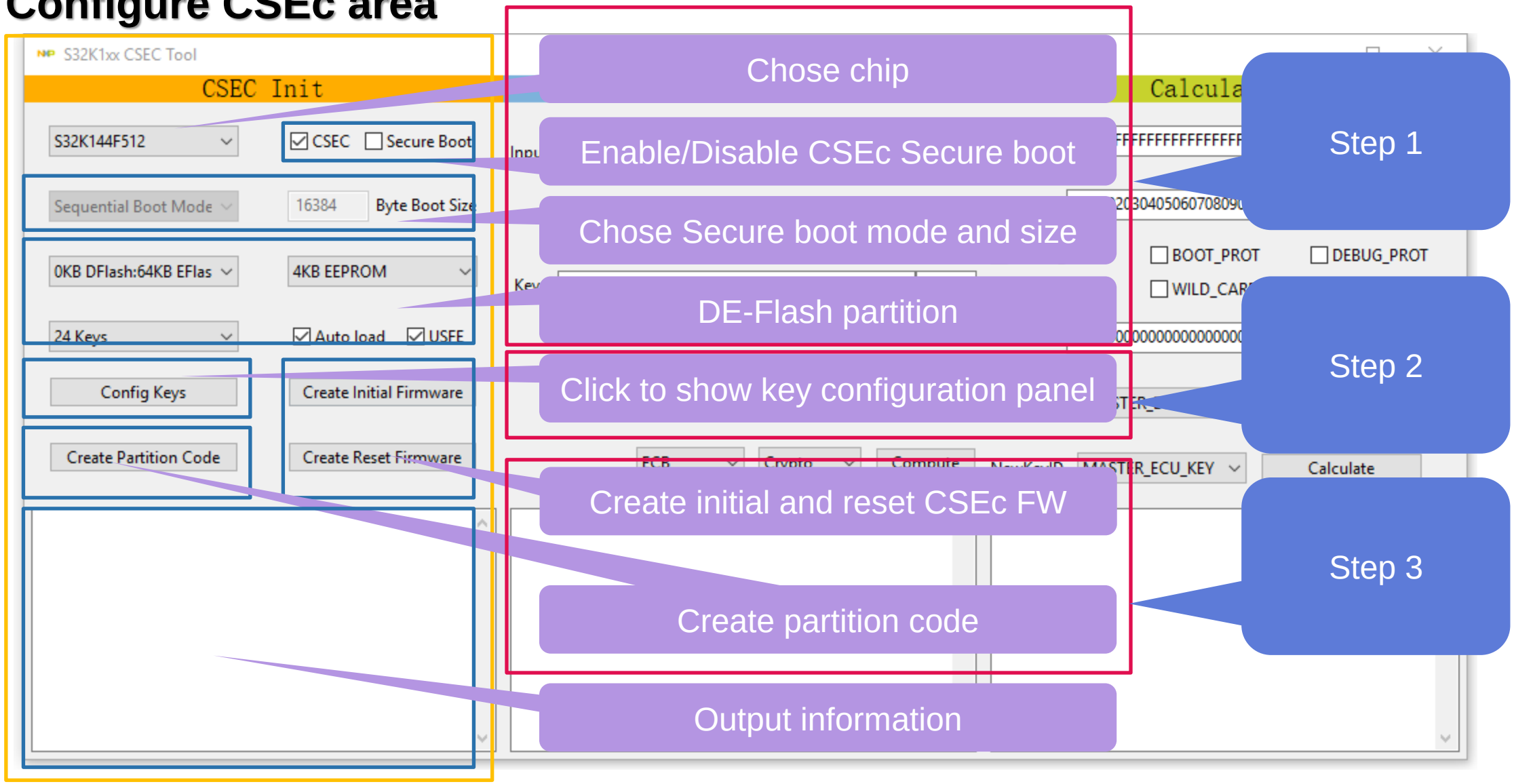


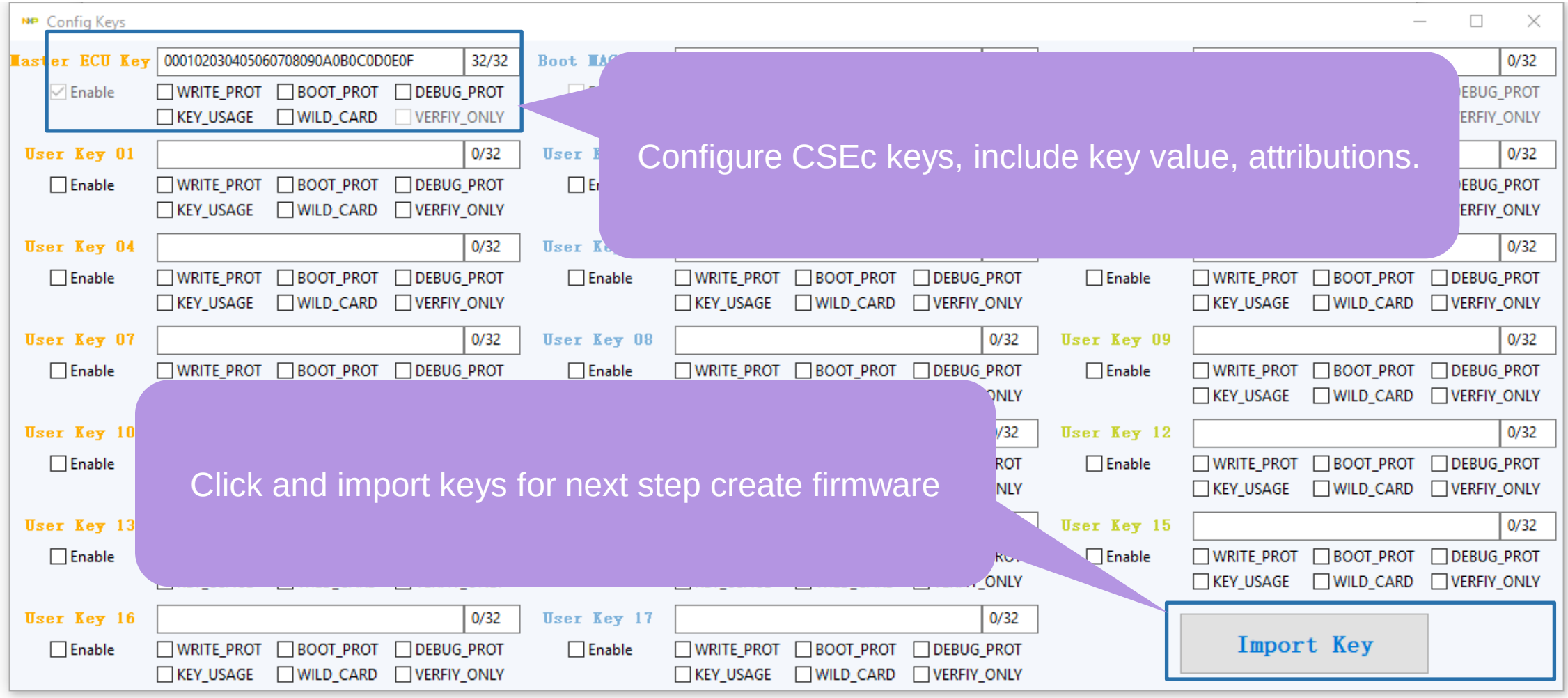
# 2 CSEc configuration



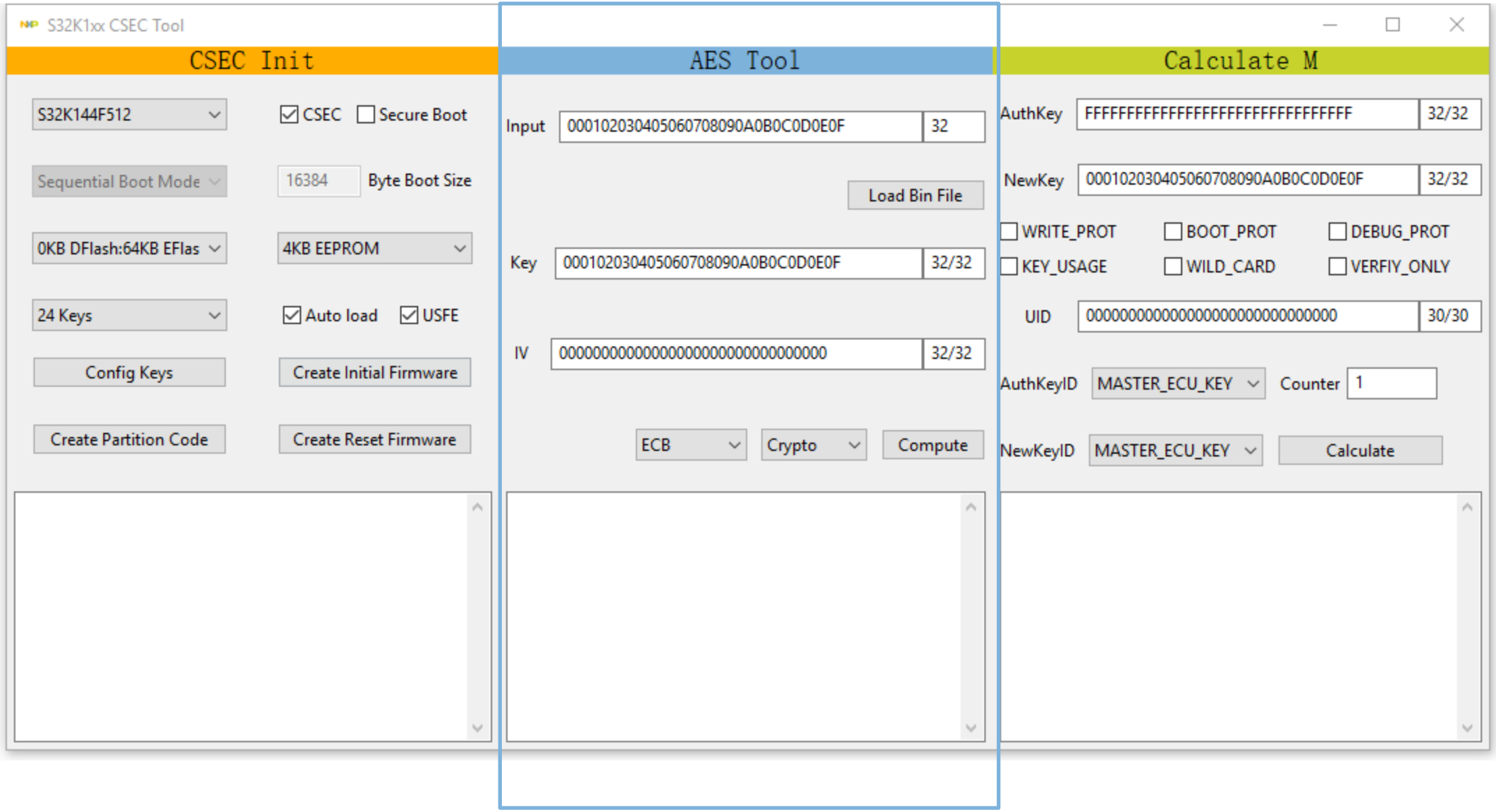
# 2.1 Configure CSEc area



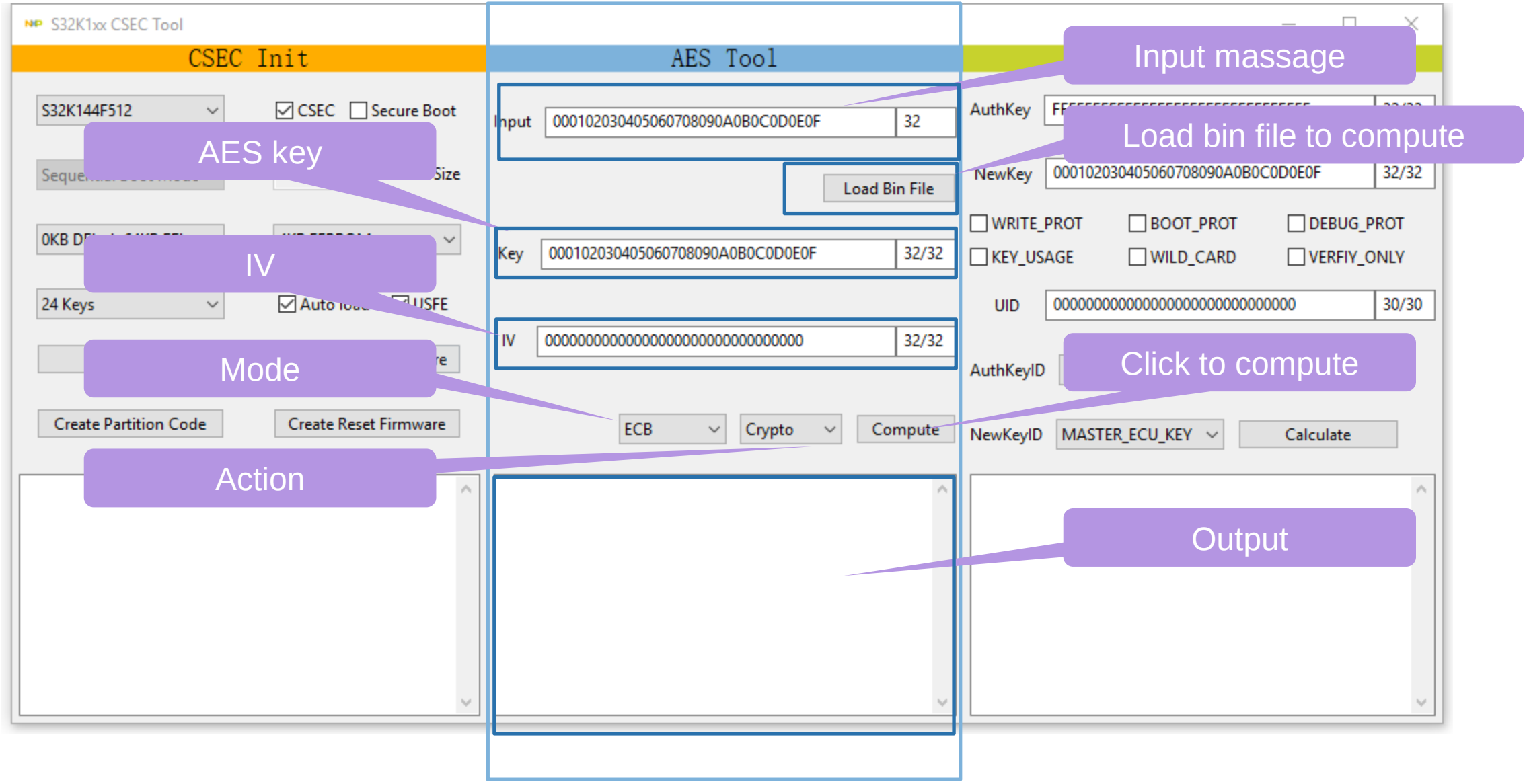
# 2.2 CSEc keys configuration panel



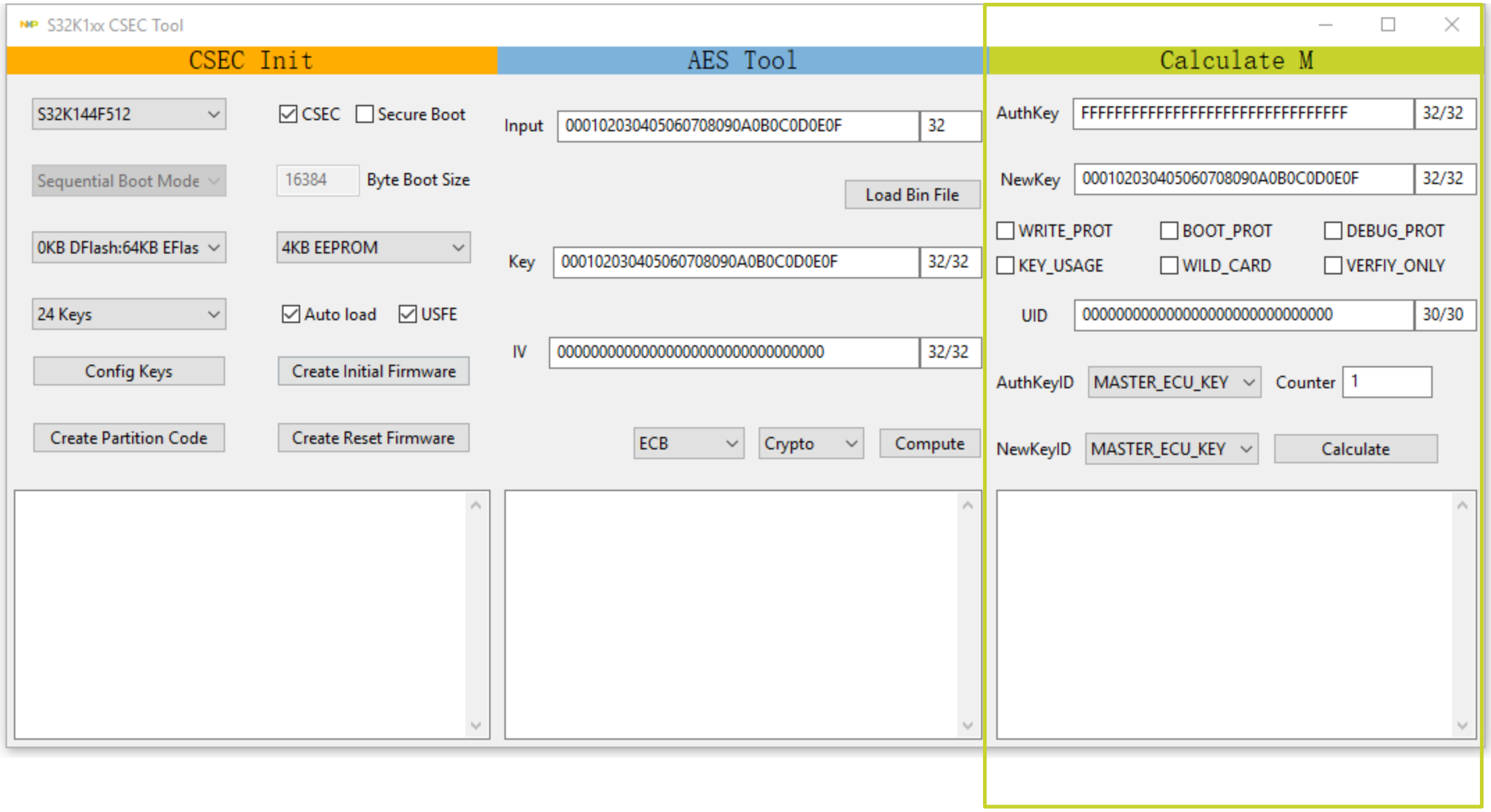
# 3 AES tool


S32K1xx CSEC Tool
CSEC Init
AES Tool
Calculate M
S32K144F512
CSEC
Secure Boot
Sequential Boot Mode
16384
Byte Boot Size
0KB DFlash:64KB EFlas
4KB EEPROM
24 Keys
Auto load
USFE
Config Keys
Create Initial Firmware
Create Partition Code
Create Reset Firmware
Input
000102030405060708090A0B0C0D0E0F
32
Load Bin File
Key
000102030405060708090A0B0C0D0E0F
32/32
IV
00000000000000000000000000000000
32/32
ECB
Crypto
Compute
AuthKey
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
32/32
NewKey
000102030405060708090A0B0C0D0E0F
32/32
WRITE_PROT
BOOT_PROT
DEBUG_PROT
KEY_USAGE
WILD_CARD
VERFIY_ONLY
UID
00000000000000000000000000000000
30/30
AuthKeyID
MASTER_ECU_KEY
Counter
1
NewKeyID
MASTER_ECU_KEY
Calculate

# 3.1 AES tool area



# 4 Calculate M1~M5



# 4.1 Calculate M1~M5