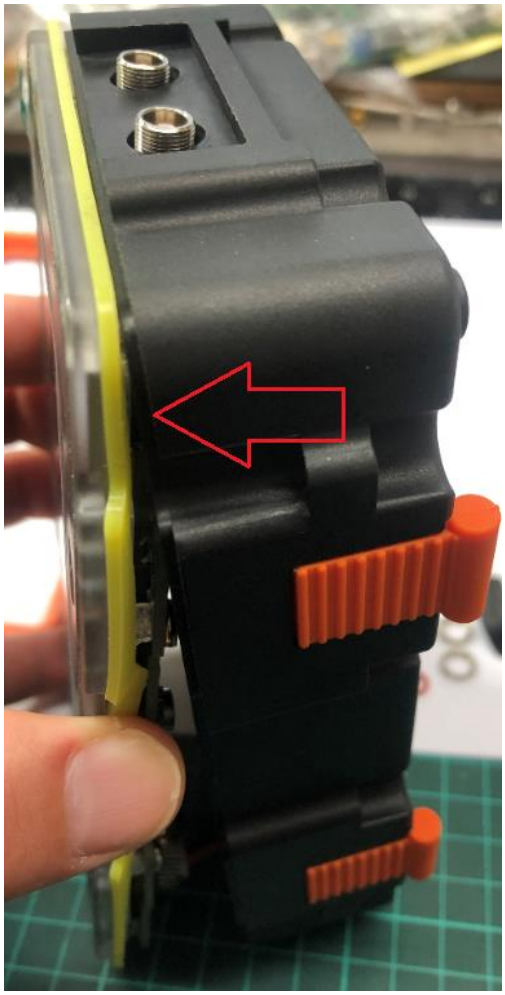
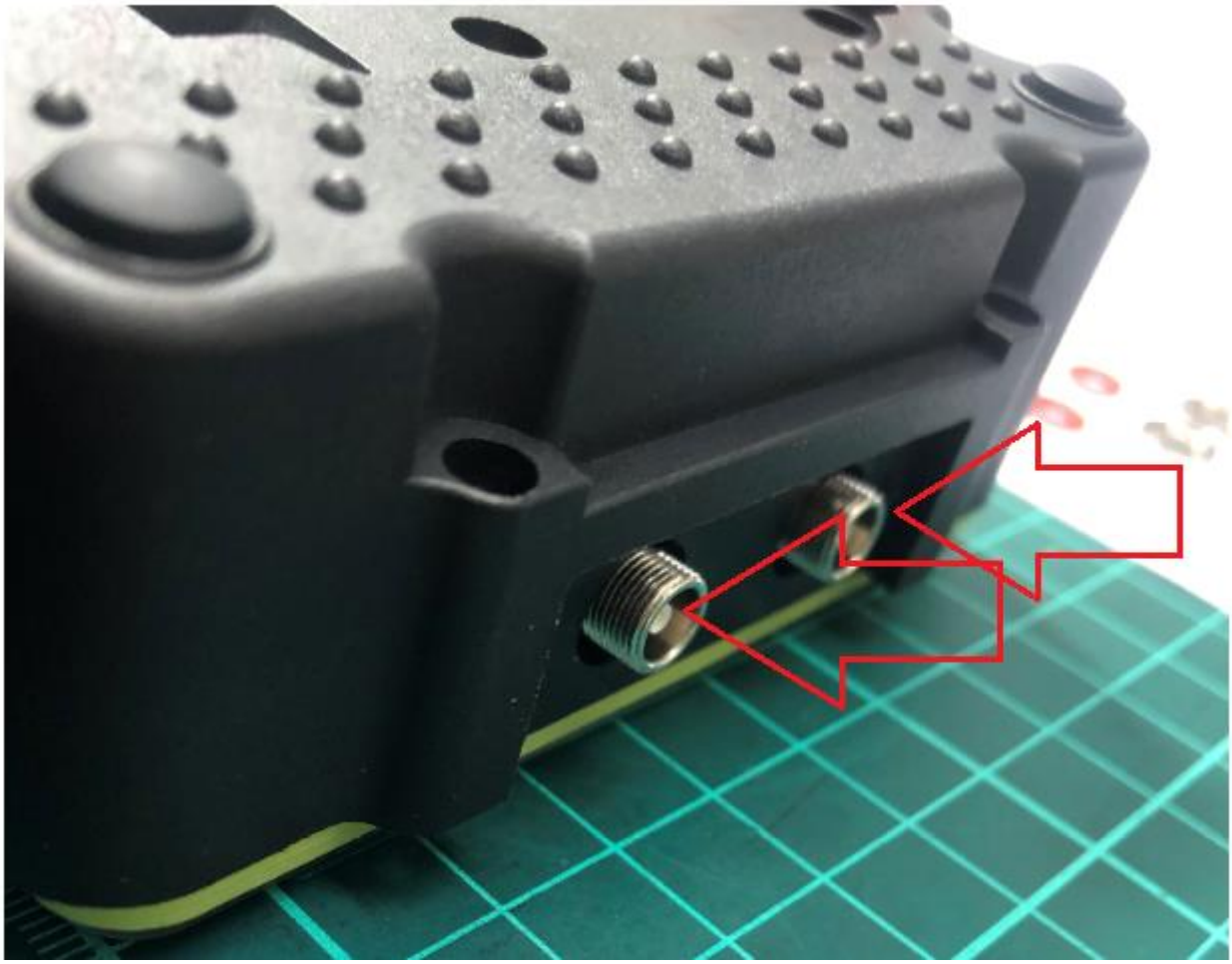
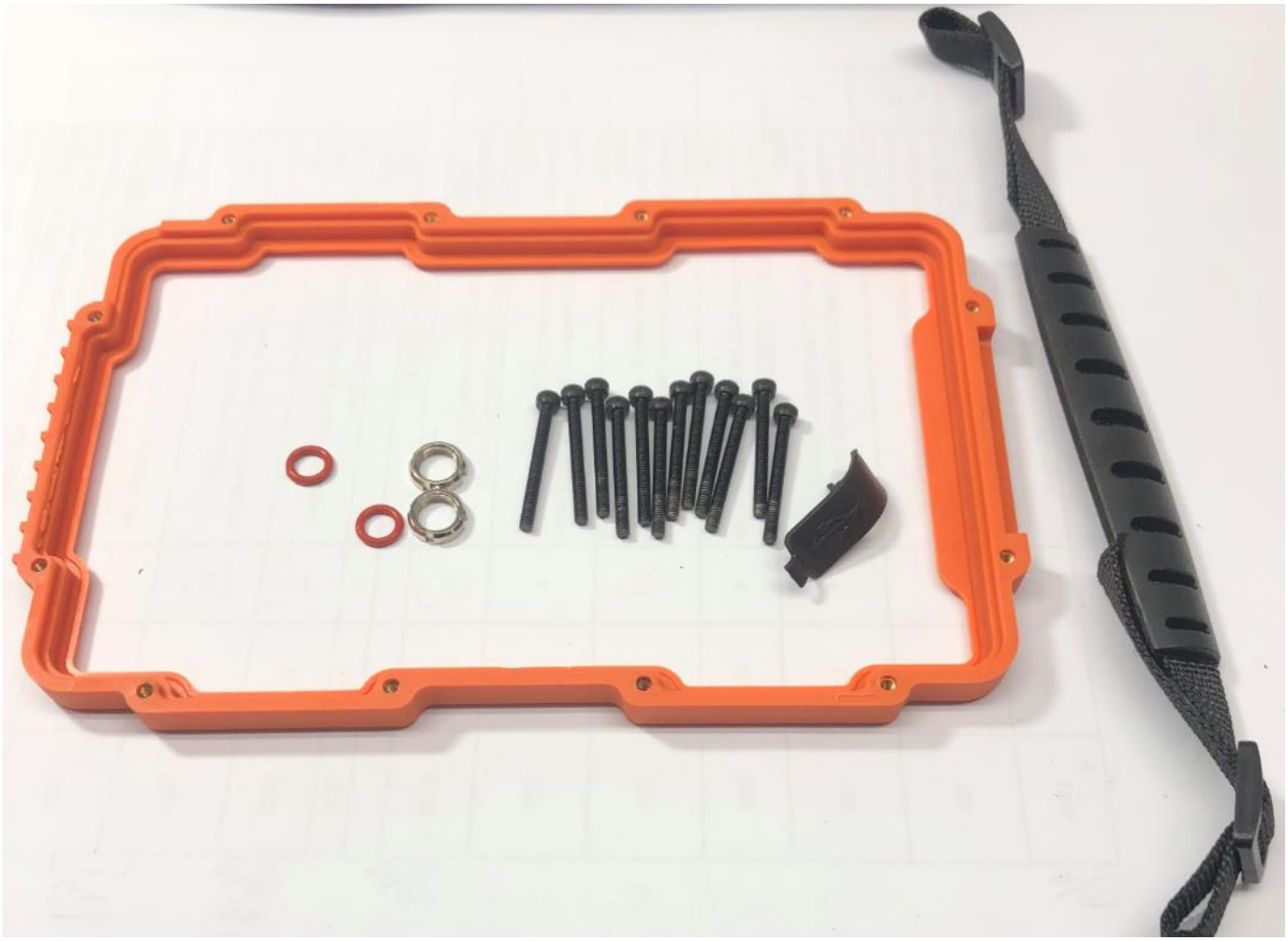
3.7V Li-ion Battery
WARNING



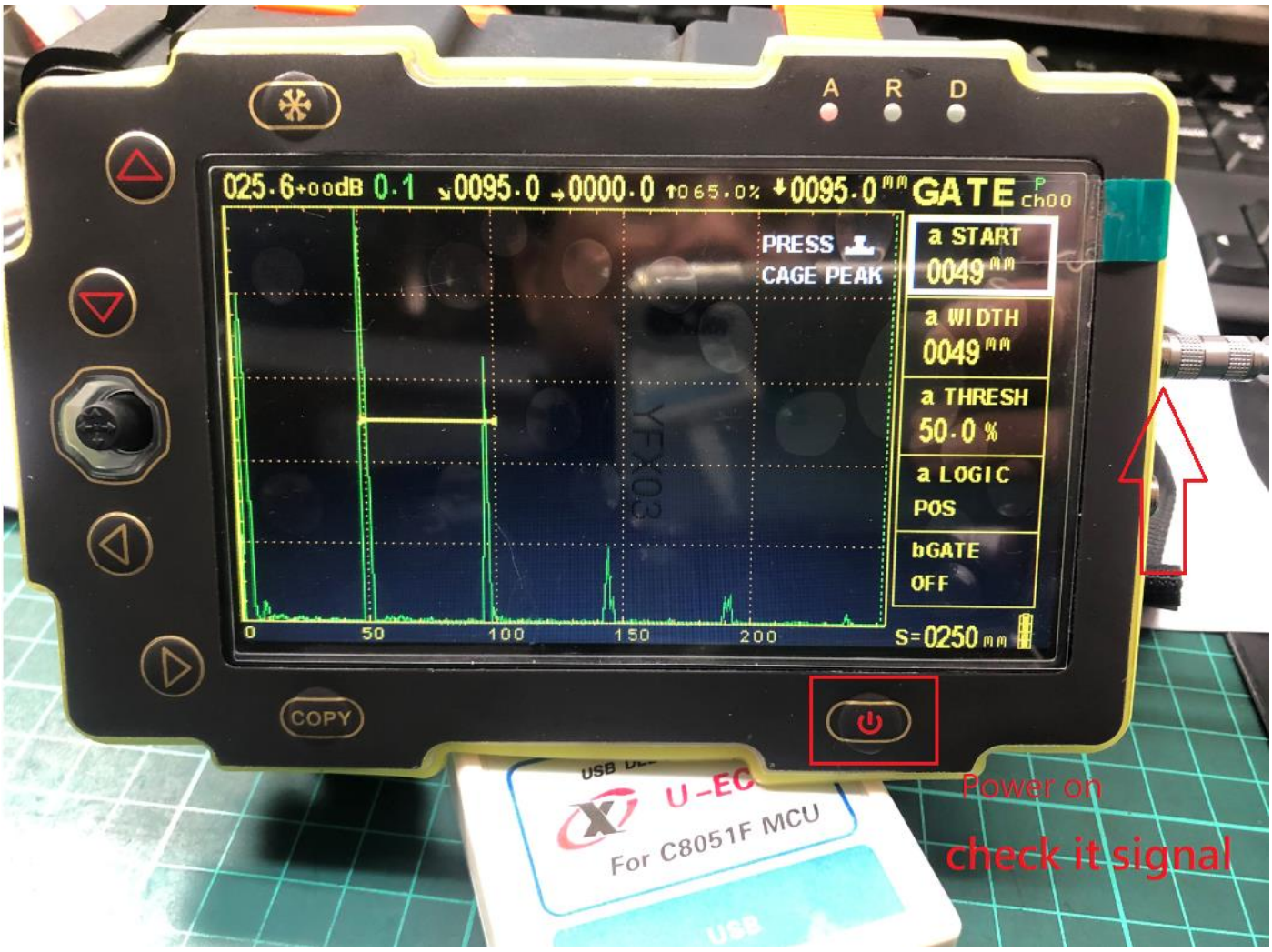


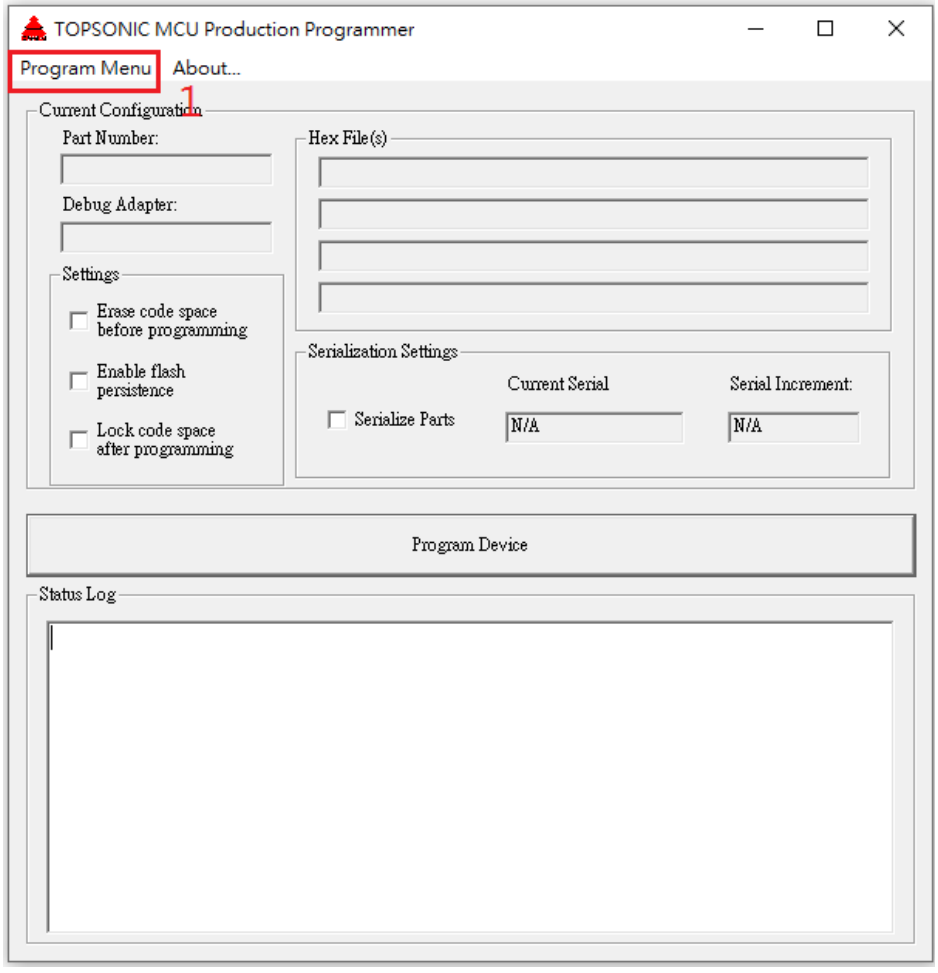
3.7V Li-ion Battery
3.7V Li-ion Battery
3.7V Li-ion Battery
3.7V Li-ion Battery

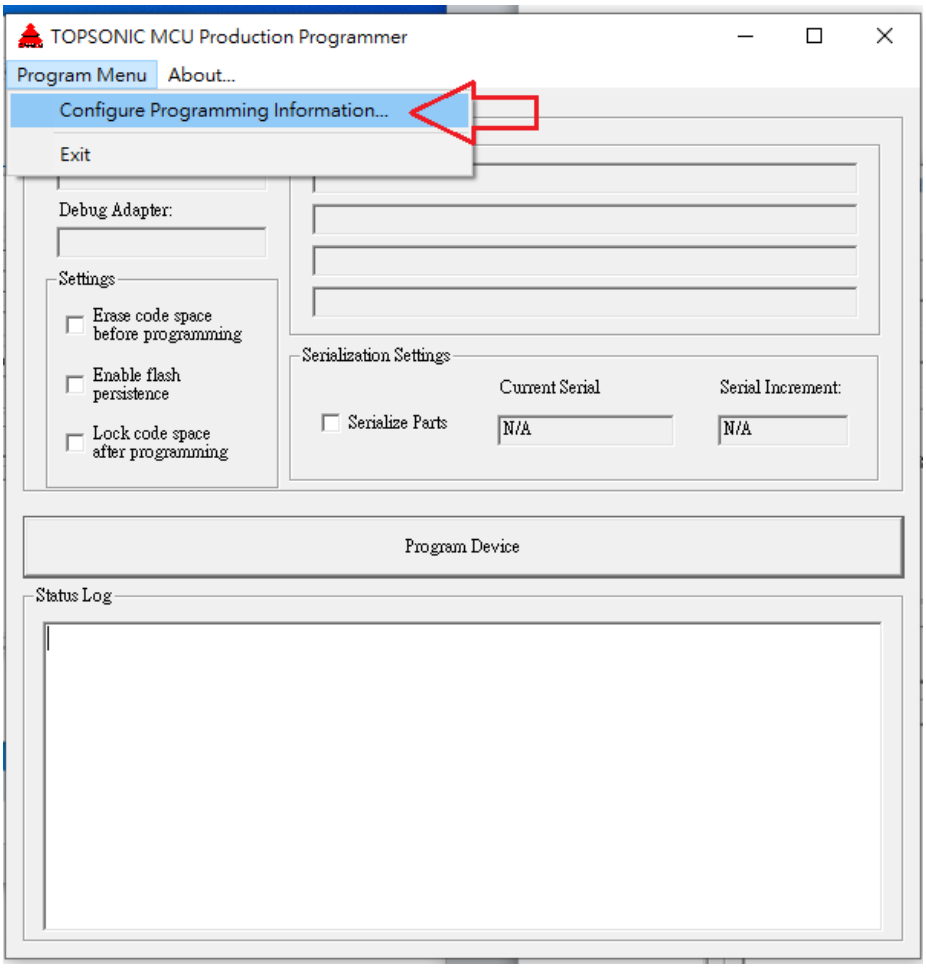


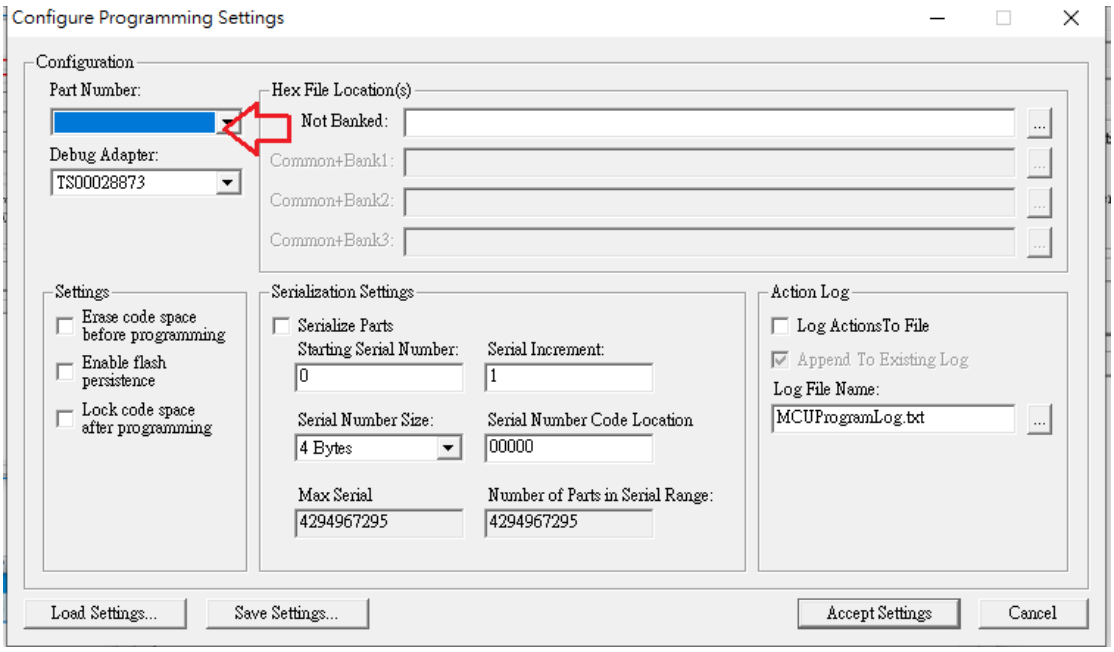
K3
GND

First one line red color
JTAG
Pwr
Run/
USB DEBUG ADAPTER
U-EC5
For C8051F MCU
USB
GND

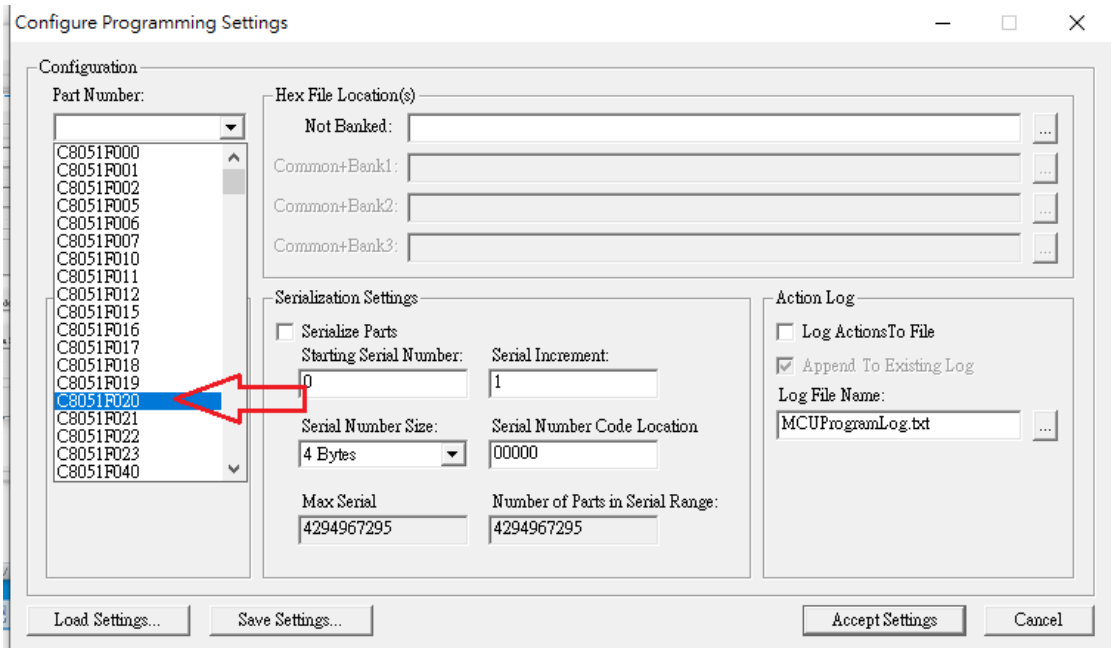

A R D
025.6+00dB 0.1 ↘0095.0 →0000.0 ↑065.0% ↓0095.0 mm GATE
ch00
PRESS
CAGE PEAK
a START
0049 mm
a WIDTH
0049 mm
a THRESH
50.0 %
a LOGIC
POS
bGATE
OFF
0 50 100 150 200
S=0250 mm
COPY
For C8051F MCU
Power on
check it signal

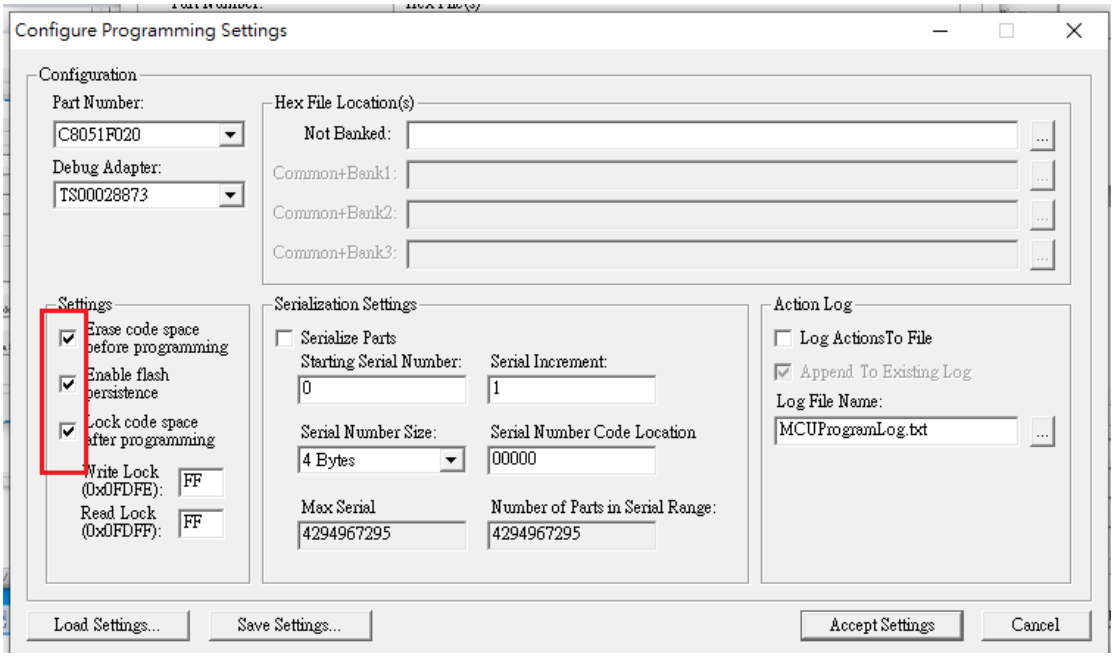

TOPSONIC MCU Production Programmer
Program Menu
About...
1
Current Configuration
Part Number:
Debug Adapter:
Settings
Erase code space before programming
Enable flash persistence
Lock code space after programming
Hex File(s)
Serialization Settings
Current Serial
Serial Increment:
Serialize Parts
N/A
N/A
Program Device
Status Log

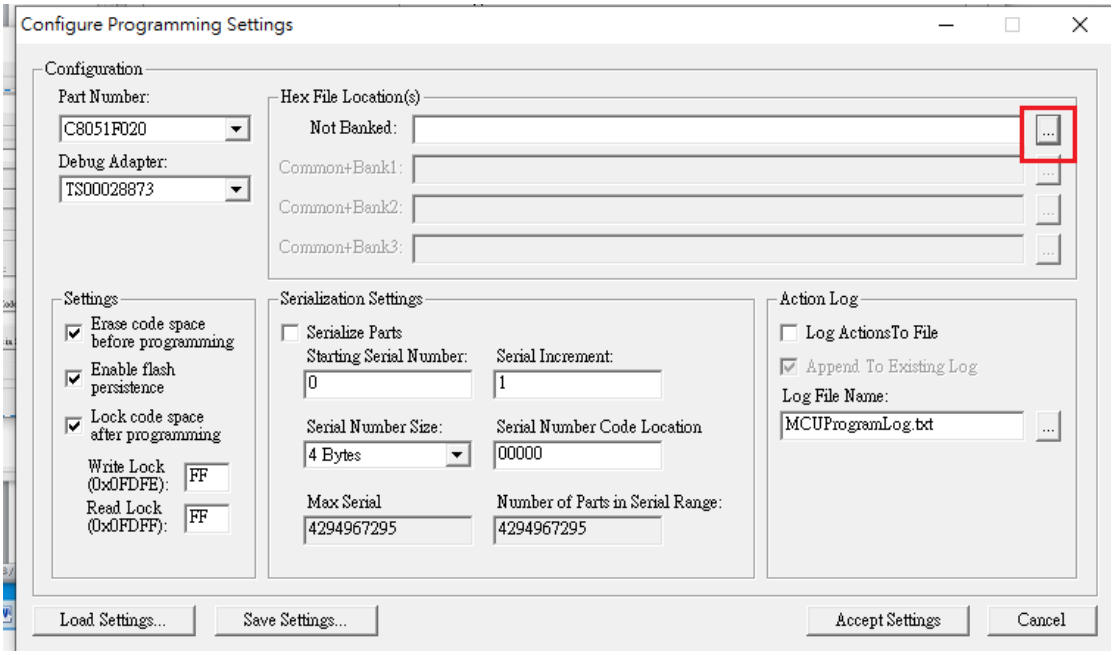


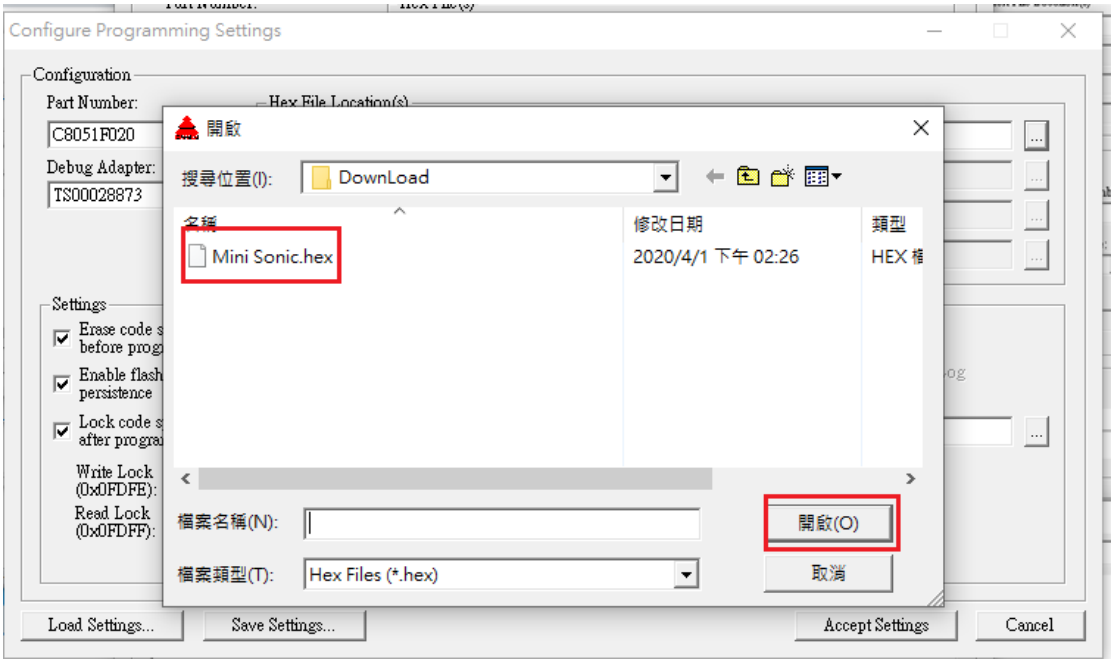


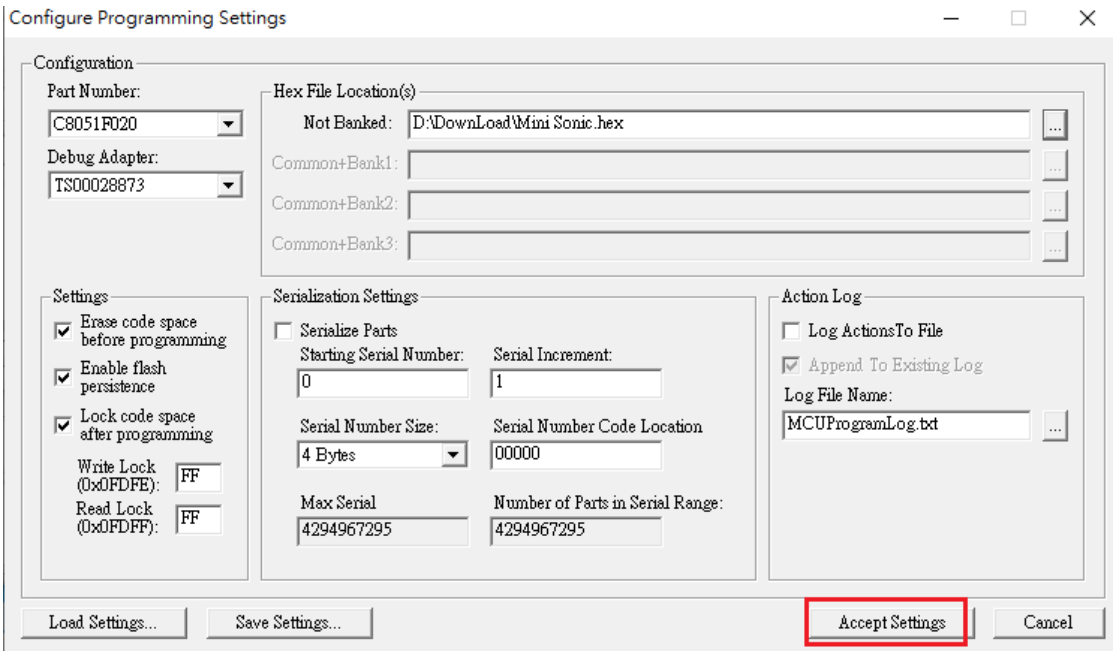
Part Number:C8051F020

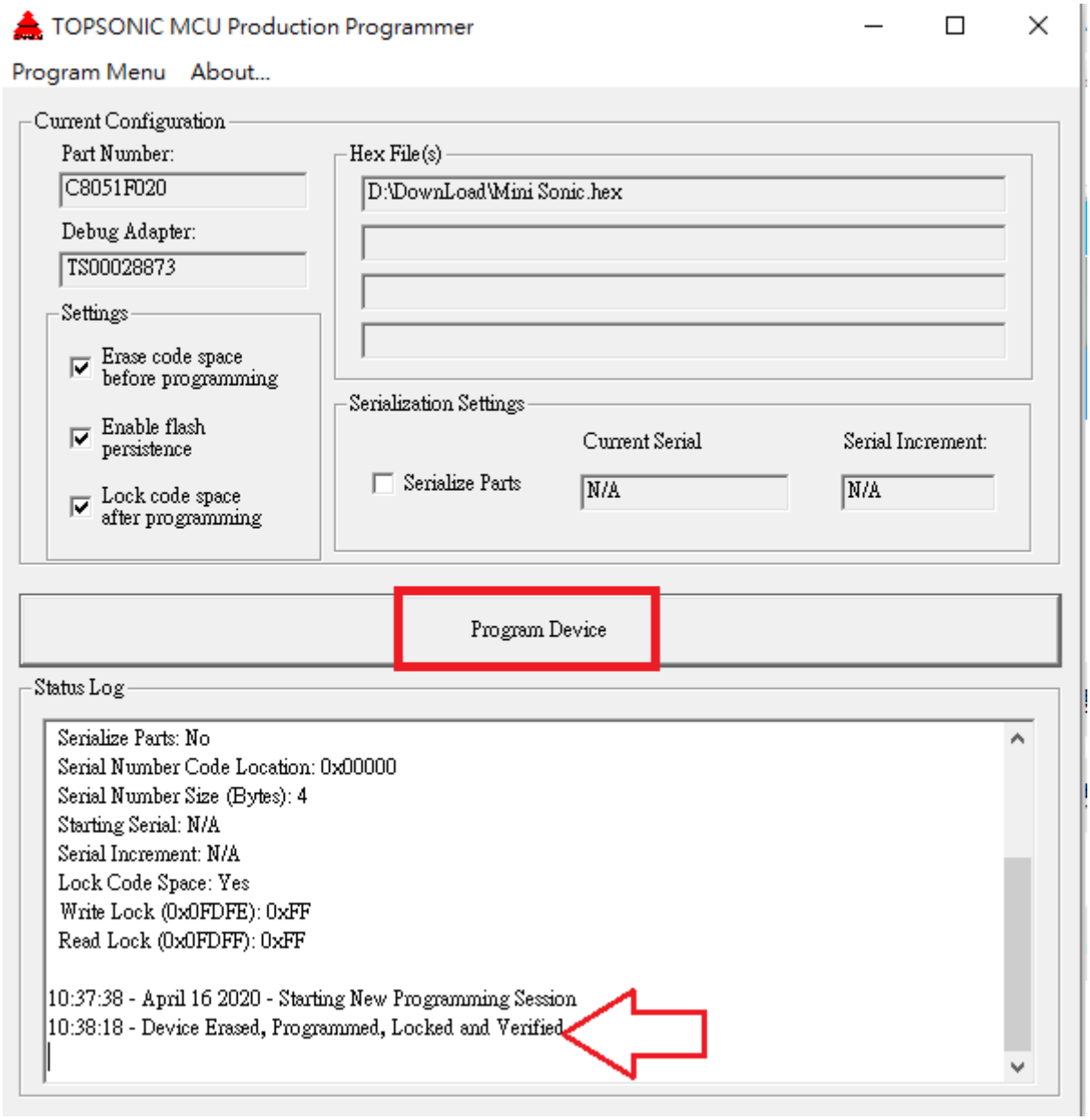

Configure Programming Settings
Configuration
Part Number:
C8051F000
C8051F001
C8051F002
C8051F005
C8051F006
C8051F007
C8051F010
C8051F011
C8051F012
C8051F015
C8051F016
C8051F017
C8051F018
C8051F019
C8051F020
C8051F021
C8051F022
C8051F023
C8051F040
Hex File Location(s)
Not Banked:
Common+Bank1:
Common+Bank2:
Common+Bank3:
Serialization Settings
Serialize Parts
Starting Serial Number:
0
Serial Increment:
1
Serial Number Size:
4 Bytes
Serial Number Code Location
00000
Max Serial
4294967295
Number of Parts in Serial Range:
4294967295
Action Log
Log ActionsTo File
Append To Existing Log
Log File Name:
MCUProgramLog.txt
Load Settings...
Save Settings...
Accept Settings
Cancel


Configure Programming Settings
Configuration
Part Number:
C8051F020
Debug Adapter:
TS00028873
Hex File Location(s)
Not Banked:
Common+Bank1:
Common+Bank2:
Common+Bank3:
Settings
Erase code space before programming
Enable flash persistence
Lock code space after programming
Write Lock (0x0FDFE):
FF
Read Lock (0x0FDFF):
FF
Serialization Settings
Serialize Parts
Starting Serial Number:
0
Serial Increment:
1
Serial Number Size:
4 Bytes
Serial Number Code Location
00000
Max Serial
4294967295
Number of Parts in Serial Range:
4294967295
Action Log
Log ActionsTo File
Append To Existing Log
Log File Name:
MCUProgramLog.txt
Load Settings...
Save Settings...
Accept Settings
Cancel


Configure Programming Settings
Configuration
Part Number:
C8051F020
Debug Adapter:
TS00028873
Hex File Location(s)
Not Banked:
Common+Bank1:
Common+Bank2:
Common+Bank3:
Settings
Erase code space before programming
Enable flash persistence
Lock code space after programming
Write Lock (0x0FDFE):
FF
Read Lock (0x0FDFF):
FF
Serialization Settings
Serialize Parts
Starting Serial Number:
0
Serial Increment:
1
Serial Number Size:
4 Bytes
Serial Number Code Location
00000
Max Serial
4294967295
Number of Parts in Serial Range:
4294967295
Action Log
Log ActionsTo File
Append To Existing Log
Log File Name:
MCUProgramLog.txt
Load Settings...
Save Settings...
Accept Settings
Cancel

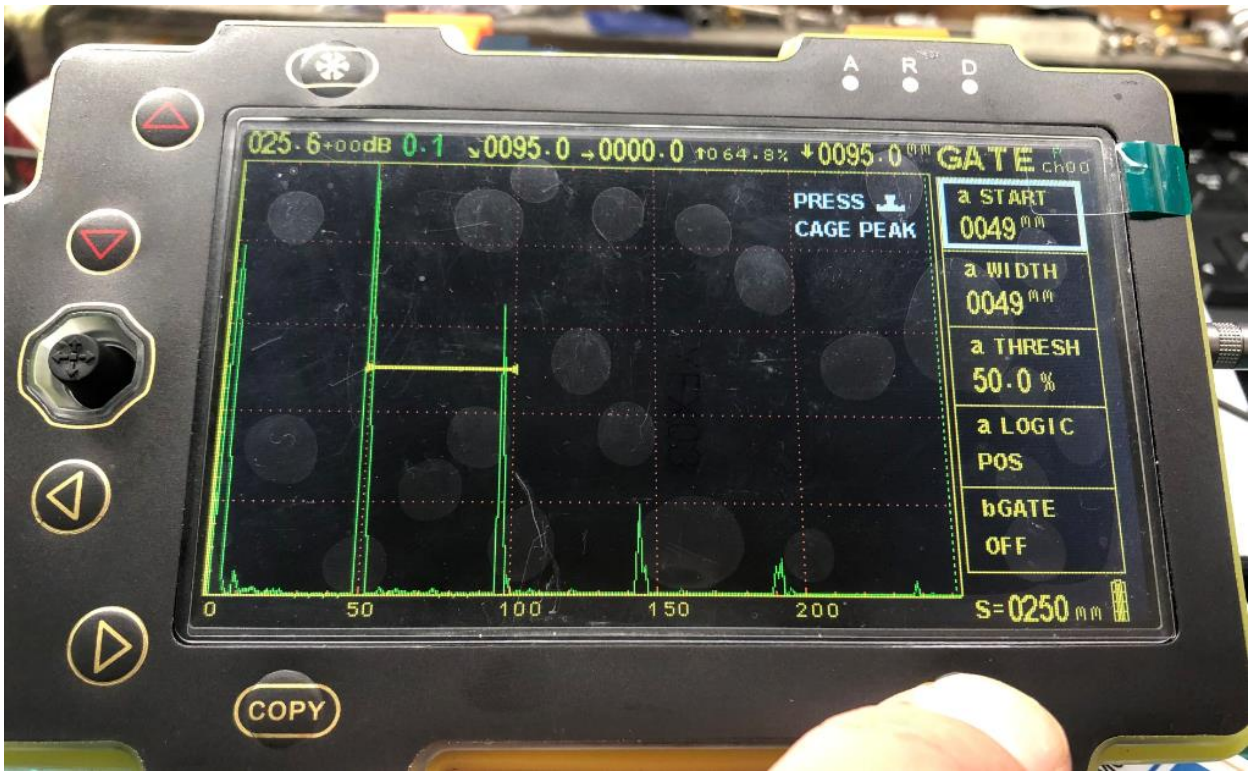

Configure Programming Settings
Configuration
Part Number:
C8051F020
Debug Adapter:
TS00028873
Hex File Location(s)
Settings
Erase code s
before prog
Enable flash
persistence
Lock code s
after progra
Write Lock
(0x0FDFE):
Read Lock
(0x0FDFF):
開啟
搜尋位置(I):
DownLoad
名稱
修改日期
類型
Mini Sonic.hex
2020/4/1 下午 02:26
HEX 檔
檔案名稱(N):
檔案類型(T):
Hex Files (*.hex)
開啟(O)
取消
Load Settings...
Save Settings...
Accept Settings
Cancel


Configure Programming Settings
Configuration
Part Number:
C8051F020
Debug Adapter:
TS00028873
Hex File Location(s)
Not Banked:
D:\DownLoad\Mini Sonic.hex
Common+Bank1:
Common+Bank2:
Common+Bank3:
Settings
Erase code space
before programming
Enable flash
persistence
Lock code space
after programming
Write Lock
(0x0FDFE):
FF
Read Lock
(0x0FDFF):
FF
Serialization Settings
Serialize Parts
Starting Serial Number:
0
Serial Increment:
1
Serial Number Size:
4 Bytes
Serial Number Code Location
00000
Max Serial
4294967295
Number of Parts in Serial Range:
4294967295
Action Log
Log ActionsTo File
Append To Existing Log
Log File Name:
MCUProgramLog.txt
Load Settings...
Save Settings...
Accept Settings
Cancel

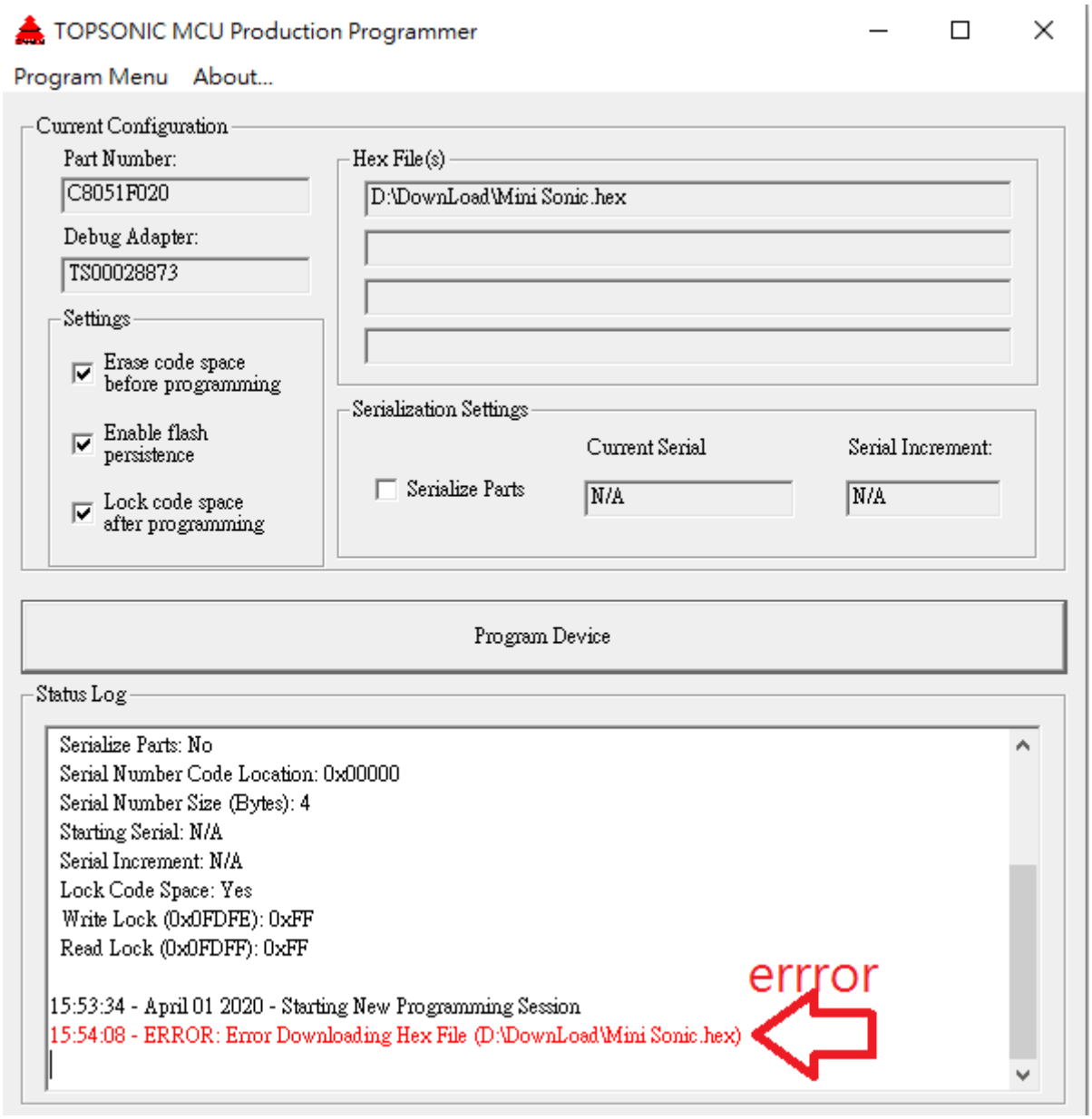


Hold Power ON unitl to

Device Erased, Programmed, Locked and Verified

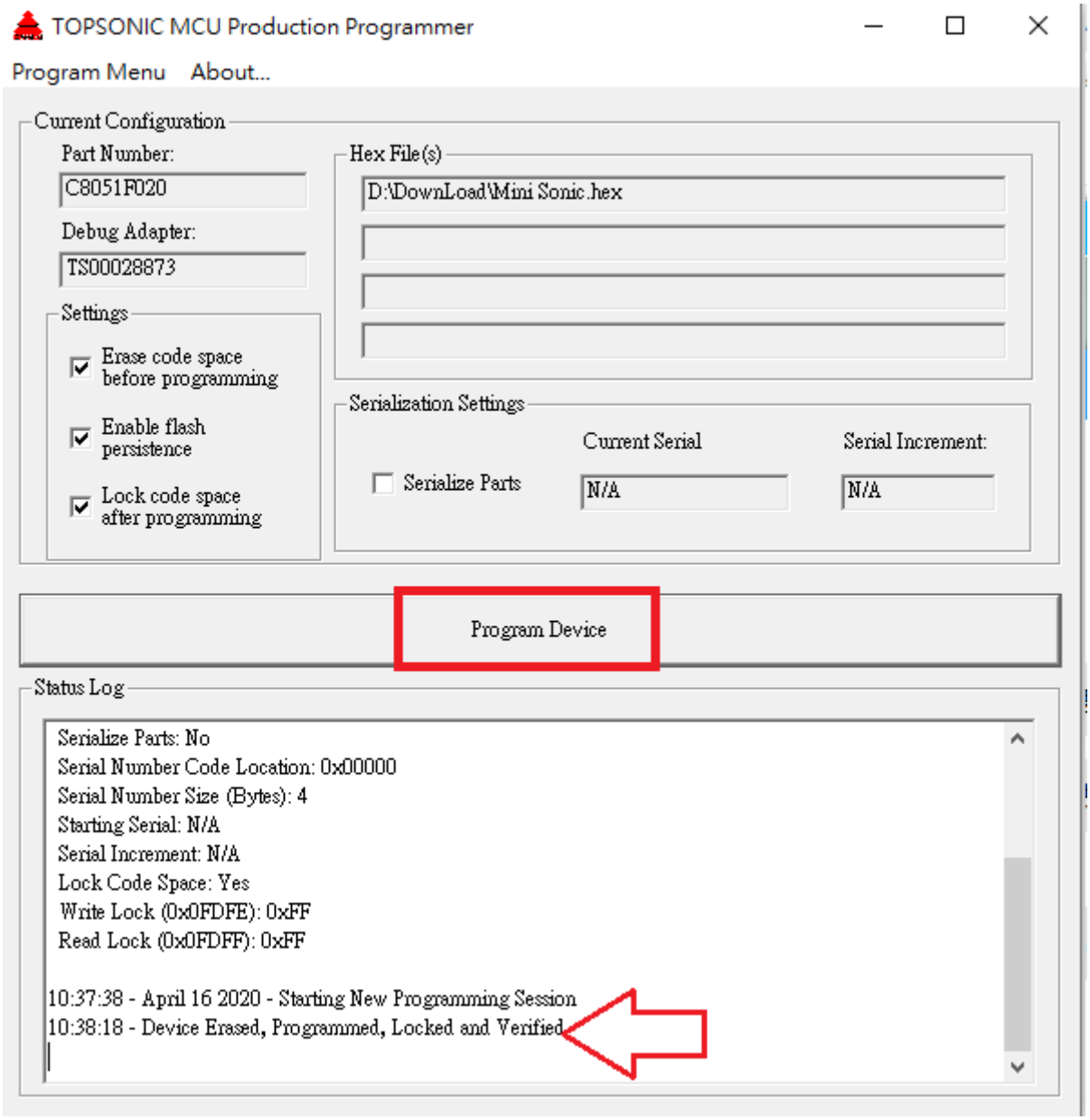


Process will beep



Download again

Until Device Erased, Programmed, Locked and Verified



Power ON check VER 6.22

Power off

AND Reset

Again hold copy button + Power ON

Check All function

If there is any abnormality in the machine, it needs to be re-downloaded