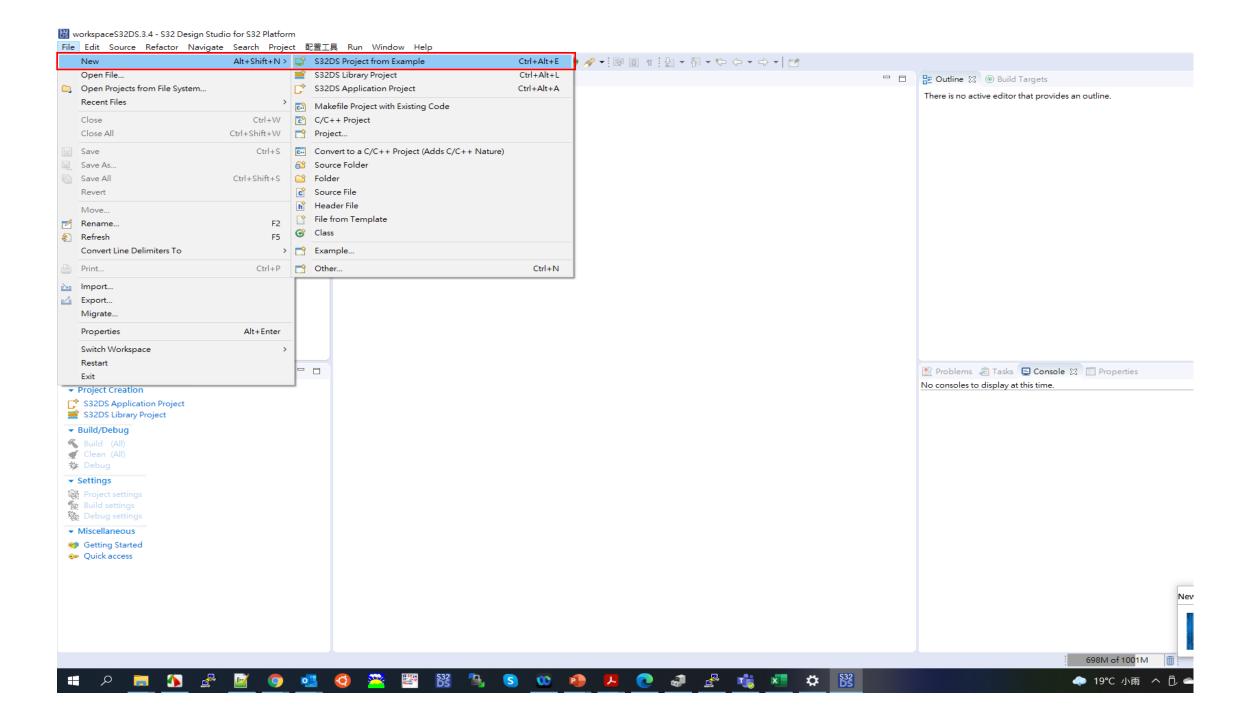
M7 Build code and Flash tool download

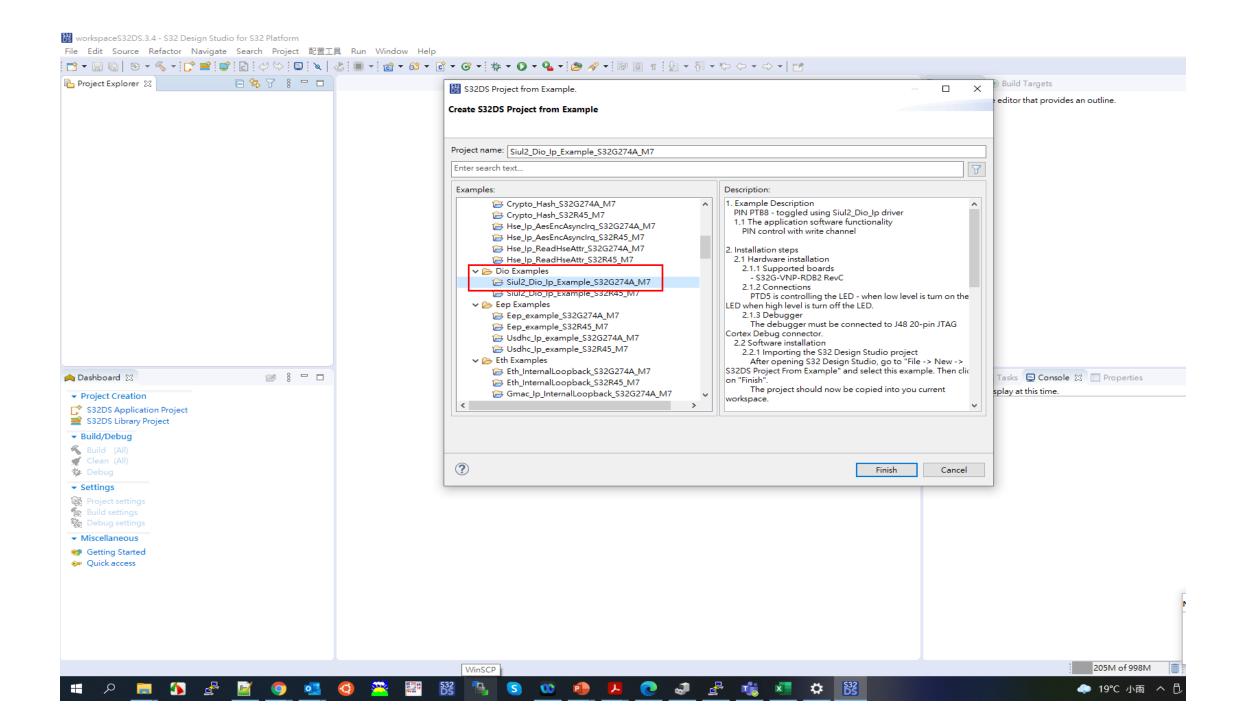
- S32DS 3.4 sample build method
- JTAG download OK sample
- Flash- tool download (Fail)

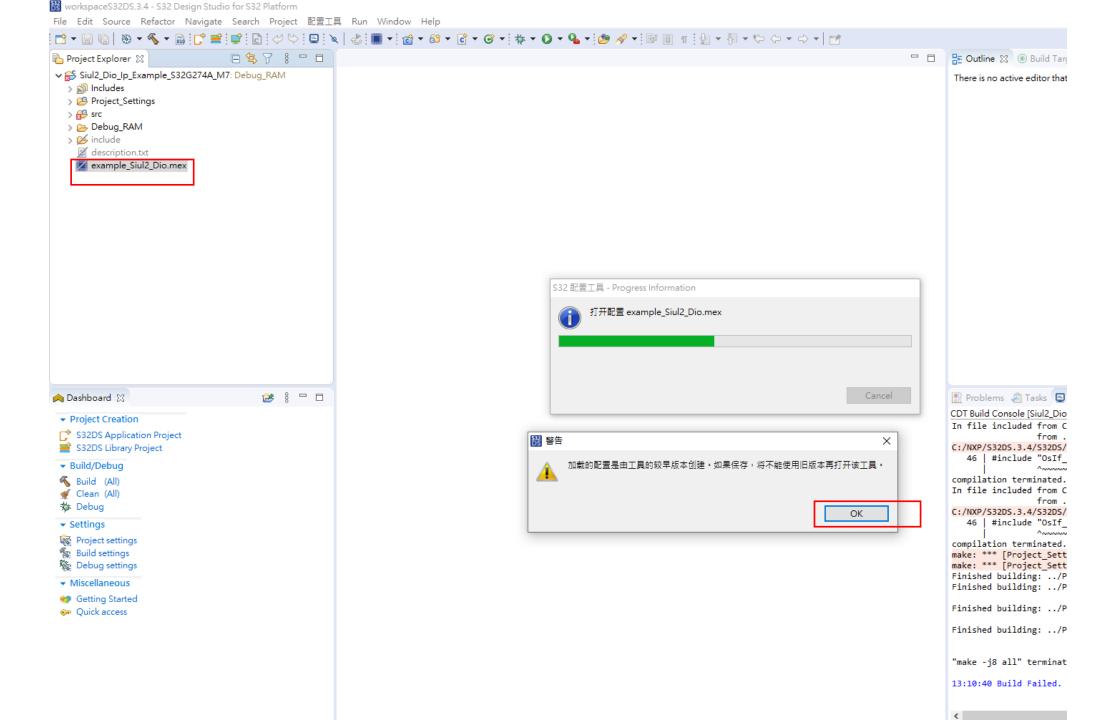
S32DS 3.4 sample build method

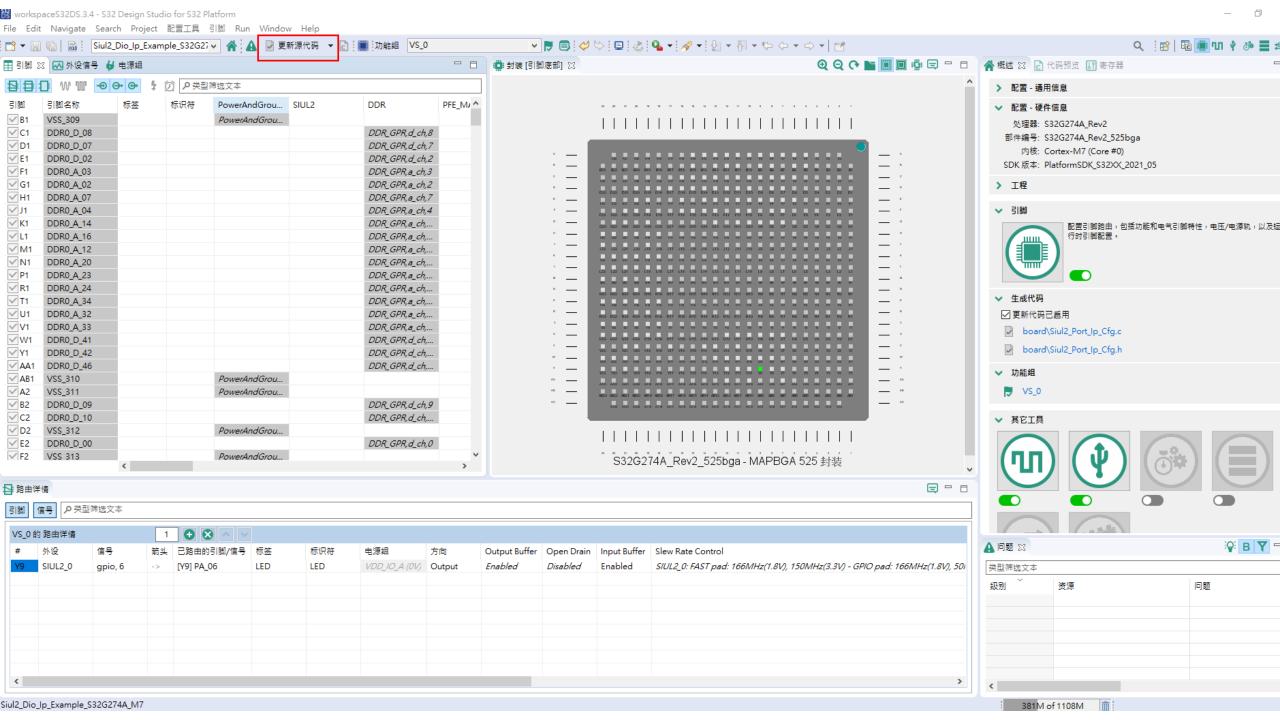
本機 > Acer (C:) > NXP > S32DS.3.4

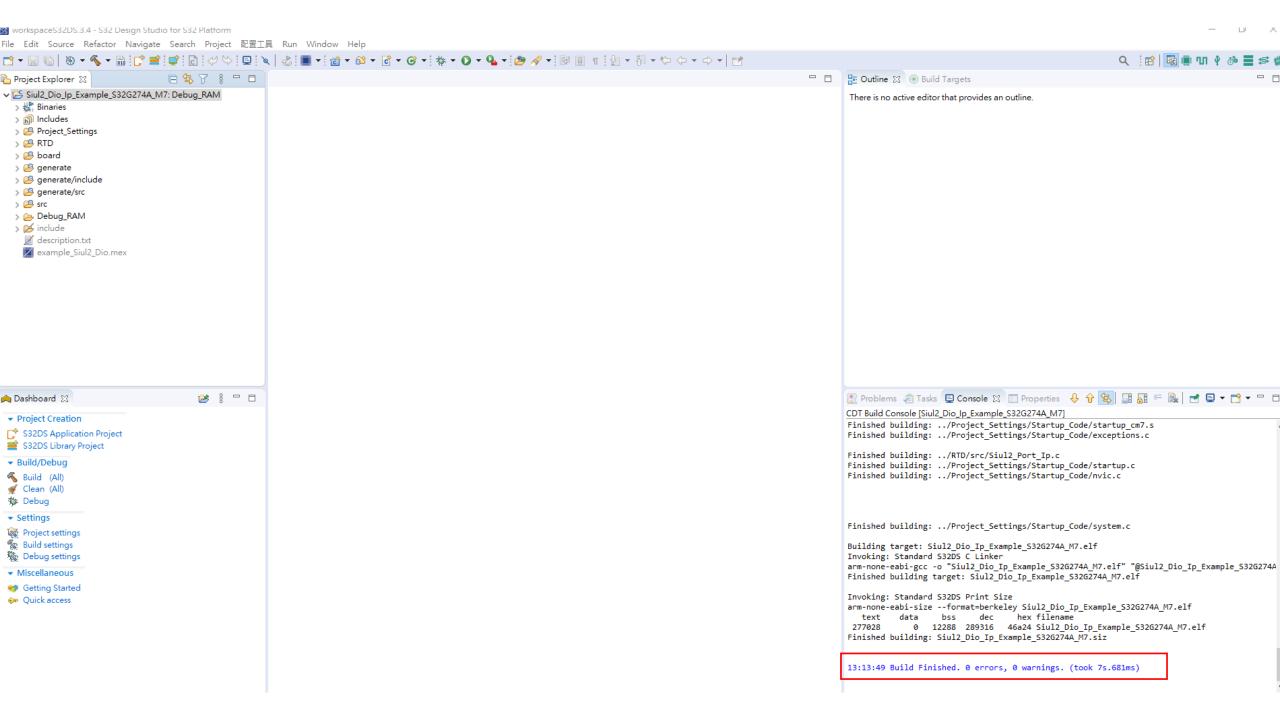
名稱	修改日期	類型	大小
	2021/12/17 下午 02:34	檔案資料夾	
Drivers Drivers	2021/12/17 下午 02:16	檔案資料夾	
eclipse	2022/1/19 上午 09:44	檔案資料夾	
ire	2021/12/17 下午 02:15	檔案資料夾	
Release_Notes	2021/12/24 下午 01:59	檔案資料夾	
S32DS	2021/12/24 下午 02:00	檔案資料夾	
☐ SCR	₹ 2021/12/24 下午 01:59	檔案資料夾	
器 nxpicon.ico	2022/1/14 下午 02:03	圖示	18 KB
🚳 s32ds.bat	2021/12/24 下午 01:51	Windows 批次檔案	1 KB
📆 s32ds.ico	2022/1/14 下午 02:03	圖示	3 KB
Welcome.txt	2021/12/24 下午 01:51	文字文件	2 KB

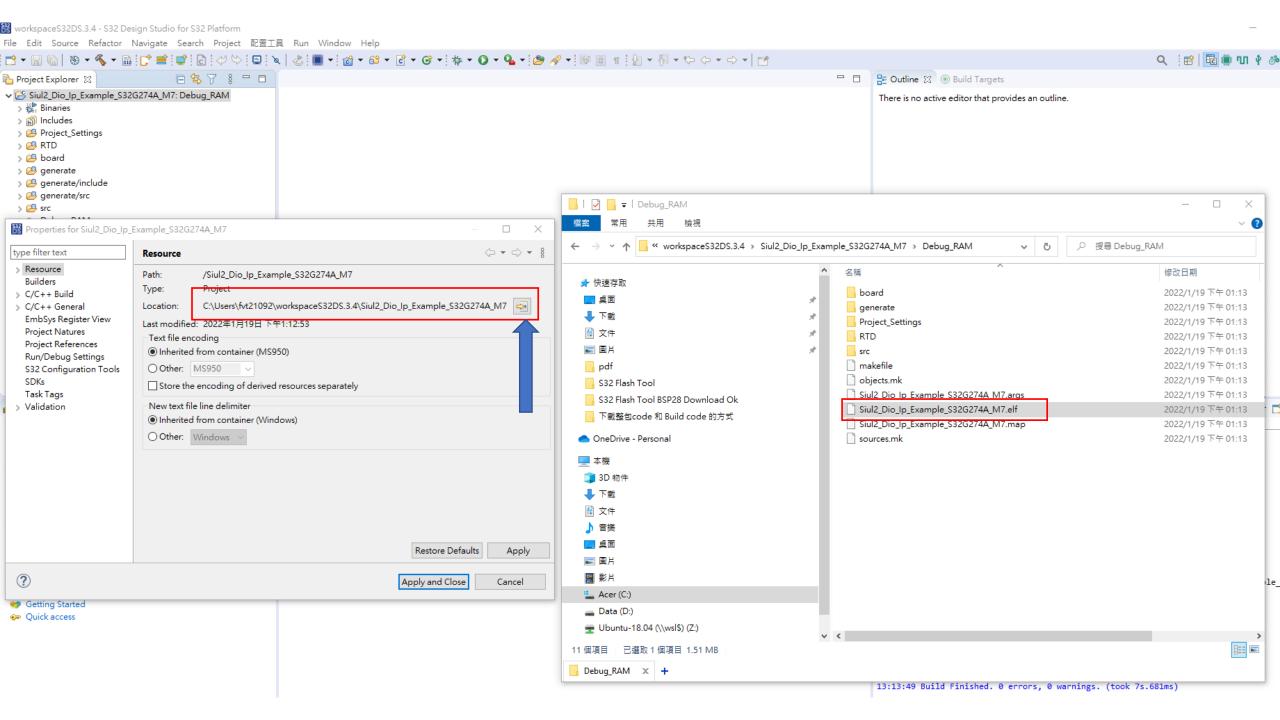




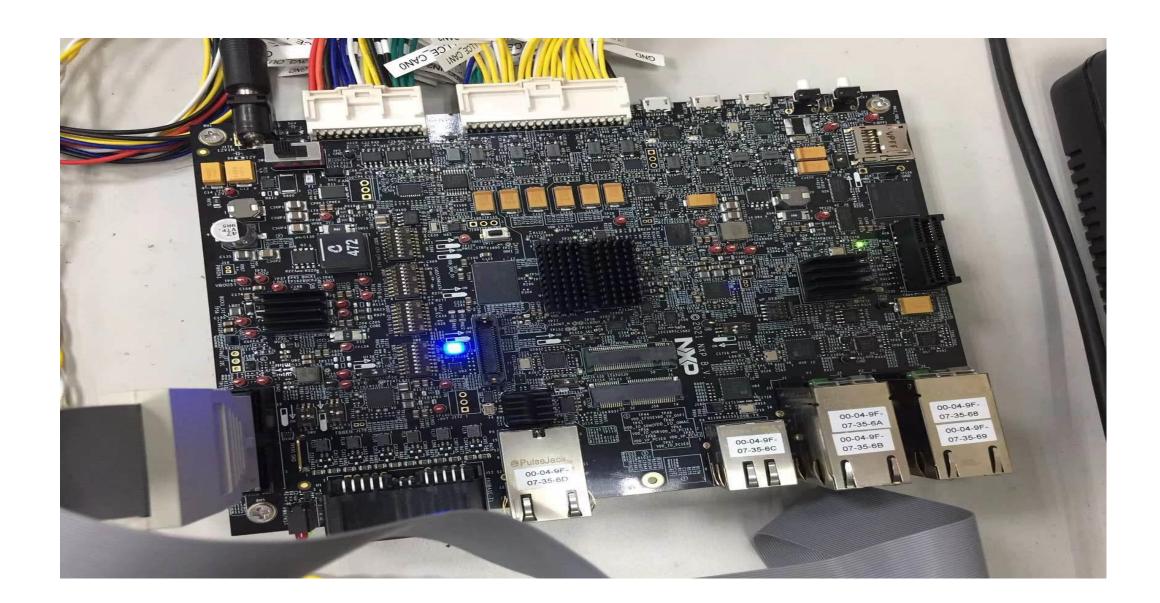




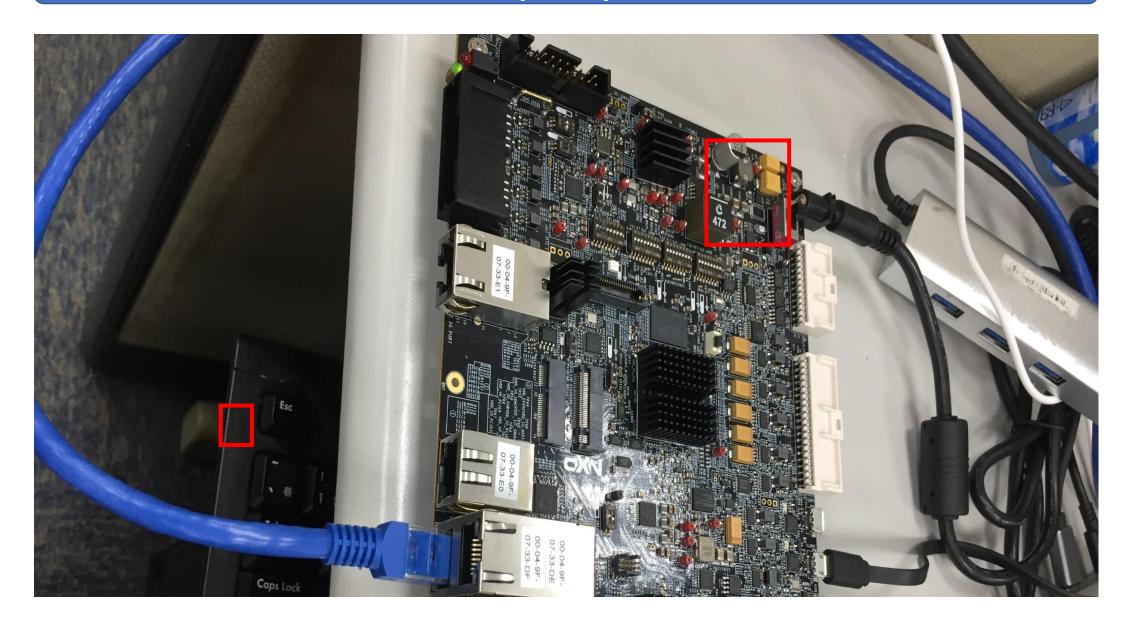




JTAG download OK sample



Flash- tool download (Fail)

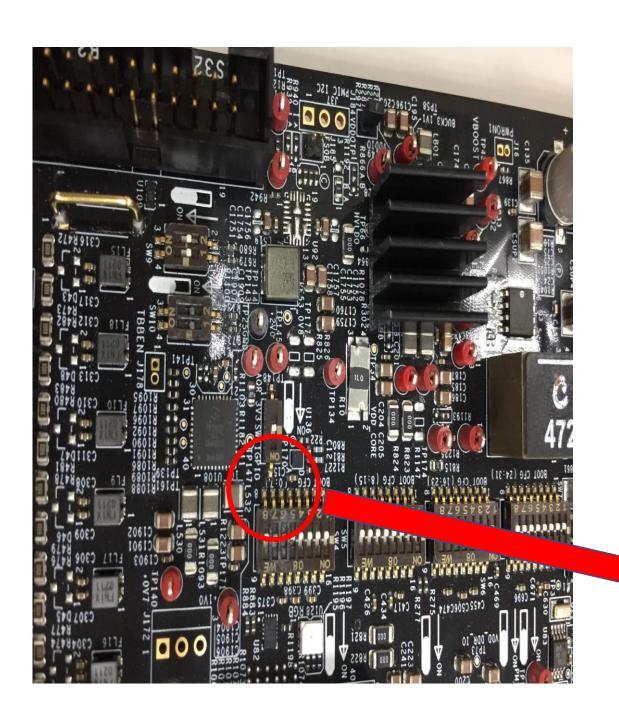


4. References

Table1. The configuration of boot mode.

Switch	SD Boot Setting (default)	eMMC Boot Setting	NOR Flashing Boot Setting	Serial Boot Setting
SW3	ON	OFF	-	-
SW4	7-ON, REST-OFF	6,7-ON, REST-OFF	ALL-OFF	ALL-OFF
SW5	ALL-OFF	ALL-OFF	ALL-OFF	ALL-OFF
SW6	ALL-OFF	ALL-OFF	ALL-OFF	ALL-OFF
SW7	ALL-OFF	ALL-OFF	ALL-OFF	ALL-OFF
SW9	1-OFF, 2-OFF	1-OFF, 2-OFF	1-OFF, 2-OFF	1-OFF, 2-OFF
SW10	1-ON, 2-OFF	1-ON, 2-OFF	1-ON, 2-OFF	1-OFF, 2-OFF

serial port download



serial port download

Switch	Serial Boot Setting
SW3	-
SW4	ALL-OFF
SW5	ALL-OFF
SW6	ALL-OFF
SW7	ALL-OFF
SW9	1-OFF, 2-OFF
SW10	1-OFF, 2-OFF

Start here

本機 →	Acer (C:) >	NXP >	S32DS.3.4 >	S32DS :	> tools	S32FlashTool	> GUI
------	-------------	-------	-------------	---------	---------	--------------	-------

名稱	修改日期	類型	大小
configuration	2022/1/14 下午 05:10	檔案資料夾	
features	2022/1/14 下午 02:02	檔案資料夾	
📊 jre	2021/12/17 下午 02:18	檔案資料夾	
p2	2021/12/24 下午 01:51	檔案資料夾	
plugins	2022/1/14 下午 02:02	檔案資料夾	
readme	2021/12/24 下午 01:51	檔案資料夾	
workspace	2022/1/14 下午 02:29	檔案資料夾	
artifacts.xml	2021/12/24 下午 01:51	XML Document	32 KB
eclipsec.exe	2021/12/24 下午 01:51	應用程式	28 KB
🔐 s32ft.exe	2021/12/24 下午 01:51	應用程式	316 KB
s32ft.ini	2021/12/24 下午 01:51	組態設定	1 KB



→ NorFlash...MX25UW51245G

Simple View

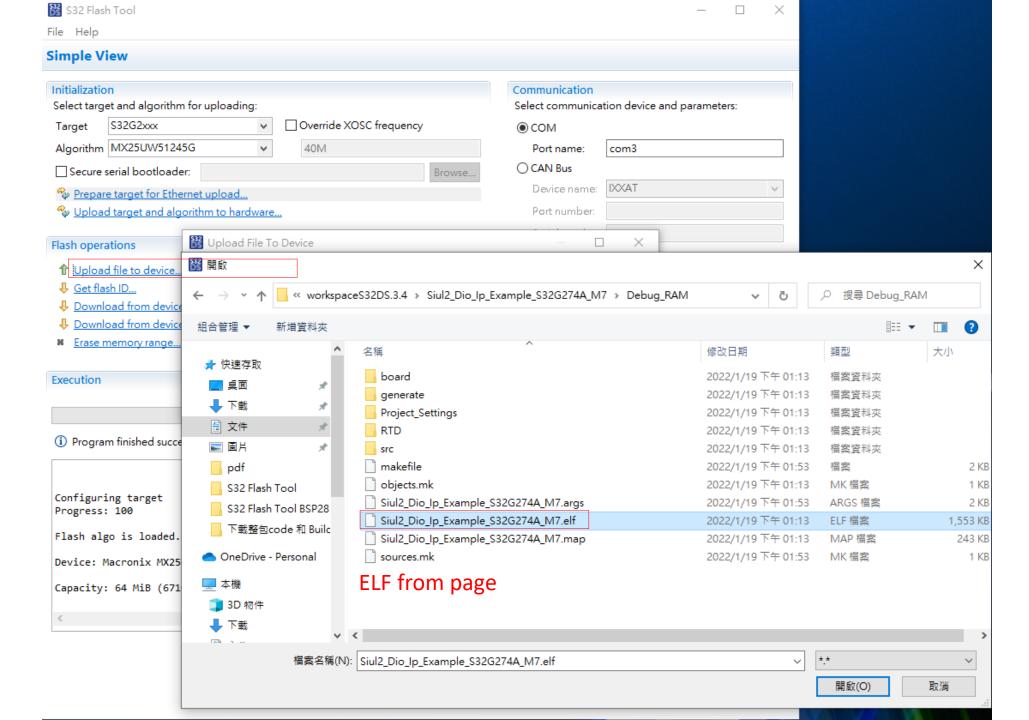
inpic view			
nitialization		Communication	
elect target and algorithm for uploading:		-	ation device and parameters:
Farget S32G2xxx	Override XOSC frequency	COM	
Algorithm MX25UW51245G	40M	Port name:	com3
Secure serial bootloader:	Browse	○ CAN Bus	
Prepare target for Ethernet upload		Device name:	IXXAT
Upload target and algorithm to hardware	下一步	Port number: Serial number:	
ash operations		O Ethernet	•
↑ <u>Upload file to device</u>		Host:	
↓ Get flash ID			
Download from device		₫ 裝置管理員	– 🗆 X
Download from device to file		檔案(F) 動作(A)	
Erase memory range			
xecution		□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□	mectivity 器管理員 图式置 图式

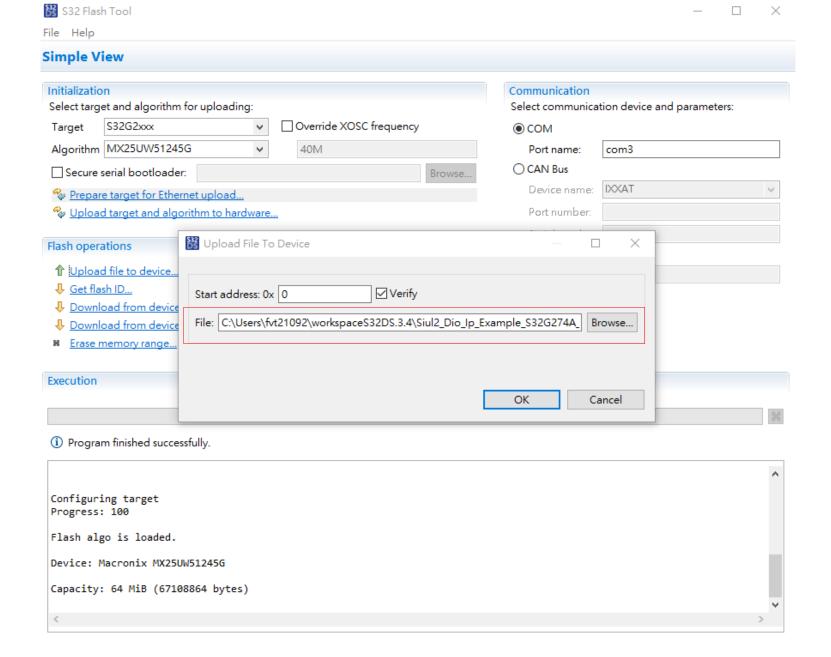


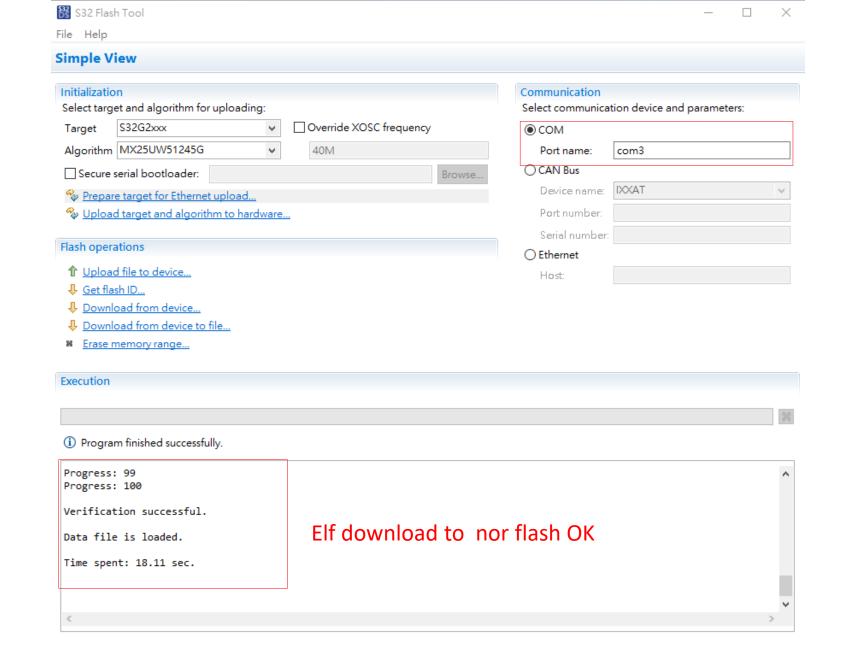
Simple View

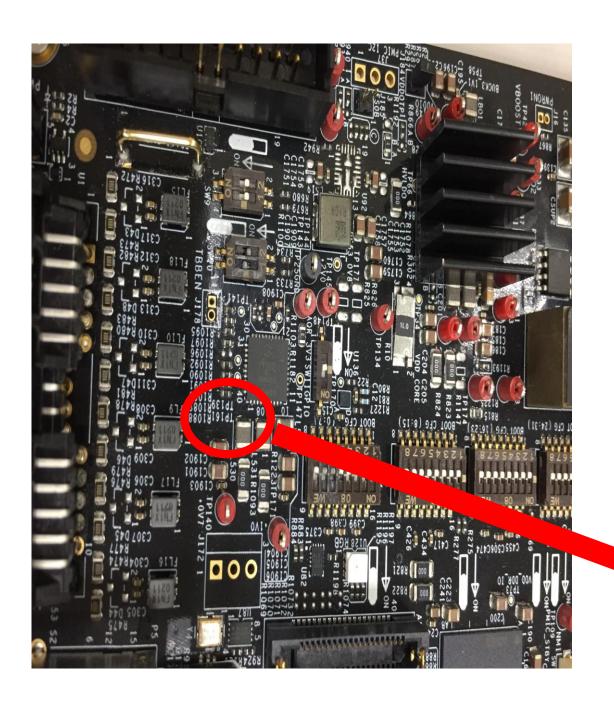
Initialization		Communication	
Select target and algorithm for uploading:		Select communication device and parameters:	
Target S32G2xxx	→ Override XOSC frequency		
Algorithm MX25UW51245G	→ 40M	Port name: com3	
Secure serial bootloader:		Browse O CAN Bus	
Prepare target for Ethernet upload		Device name: IXXAT	
Upload target and algorithm to hardware		Port number:	
		Serial number:	
Flash operations		○ Ethernet	
1 Upload file to device		Host:	
♣ Get flash ID			7
♣ Download from device		- □ ×	
Download from device to file		檔案(F) 動作(A) 檢視(V) 說明(H)	
₩ Erase memory range			
		✓ 🔓 120000001044NB	-
Execution		> 🚽 Jungo Connectivity	
		> 単 USB 連接器管理員	
		→ スポージを	
Program finished successfully.		> ■ 可獲式裝置 > □ 列印佇列	
		→ 1 3 3 2 1 3 2	
	Next one	→ 計算 安全性装置	
Configuring target	Treate Silve	→ <u></u> 糸統装置	
Progress: 100		→ ● 相機	
Flash algo is loaded.		> 4	
_		→ 属理器	
Device: Macronix MX25UW51245G		→ 車 軟體元件	
Capacity: 64 MiB (67108864 bytes)		→ ■ 軟體裝置	4
		→ 通用序列匯流排控制器	
<		> ↓ 通用序列匯流排裝置	
		■ USB Serial Port (COM3)	
		→ III 初題	
		→ 1 分割	
		📗 🧇 電池	
		> <u>■ 監視器</u>	
		→ a 磁碟機 → a 486个而长	,

- 0









Nor Flash boot

Switch	NOR Flashing Boot Setting
SW3	-
SW4	ALL-OFF
SW5	ALL-OFF
SW6	ALL-OFF
SW7	ALL-OFF
SW9	1-OFF, 2-OFF
SW10	1-ON, 2-OFF

Nor Flash boot

