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使用Studio 7讀取Arduino UNO的MEGA328P Fuse設定時，
可以顯示如附件的說明，
目前Fuse High Byte = 0xDE, Low Byte = 0xFF

Low Byte = 0xFF

其中

CLKSEL[3:0] = 1111b , SUT[1:0] = 11b

解釋及DataSheet頁面如下==>

CLKSEL[3:1] = 111b

(DS Page51, Section 13.3)

= Frequency Range 8~16MHz

CLKSEL[0], SUT[1:0]

(DS Page52, Section 13.3)

= Start-up Time from Power-down and Power-save = 16K CK

= Additional Delay from Reset = 14CK+65ms

High Byte = 0xDE,

其中

BOOTSZ[1:0] = 11b

(DS Page343, Section 30.8.14)

= Boot Size = 256 WORDs

上面是Arduino UNO原版的Bootloader大小的原始值

如果BOOTLOADER 有改過時，這設定要依照Bootloader大小來改變

附加檔案:

Arduino_328P_Fuse.jpg(307.04 KB)

Atmel-ICE (J41800081280) - Device Programming

Tool: Atmel-ICE | Device: ATmega328P | Interface: ISP | Device signature: 0x1E950F | Target Voltage: 5.2 V

Interface settings: HIGH.BOOTRST (checked), LOW.CKDIV8, LOW.CKOUT, LOW.SUT_CKSEL (checked)

Oscillator calibration: Ext. Crystal Osc. 8.0- MHz; Start-up time PWRDWN/RESET: 16K CK/14 CK + 65 ms

| Fuse Register | Value |
|---------------|-------|
| EXTENDED | 0xFD |
| HIGH | 0xDE |
| LOW | 0xFF |

Auto read
 Verify after programming

Starting operation read registers
 Reading register EXTENDED...OK
 Reading register HIGH...OK
 Reading register LOW...OK
 Read registers...OK

Read registers...OK

Close