

Forum: [32-bit SAM\(ARM core\)](#)

Topic: ATSAME54P20A--定址

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想請問為何使用絕對定址但出現錯誤？

```
#include <stddef.h>           // Defines NULL
#include <stdbool.h>          // Defines true
#include <stdlib.h>           // Defines EXIT_FAILURE
#include "definitions.h" // SYS function prototypes
//=====
//=====
uint8_t Can0MessageRAM[CANO_MESSAGE_RAM_CONFIG_SIZE] __attribute__((aligned(32), address(
0x20000000)));
uint8_t Can1MessageRAM[CAN1_MESSAGE_RAM_CONFIG_SIZE] __attribute__((aligned(32), address(
0x20000000 + CANO_MESSAGE_RAM_CONFIG_SIZE)));
int main(void)
{
    /* Initialize all modules */
    SYS_Initialize(NULL);
    SYSTICK_TimerStart();
    LED0_Set();
    SYSTICK_DelayMs(100);

    /* Set Message RAM Configuration */
    CAN0_MessageRAMConfigSet(Can0MessageRAM);
    CAN1_MessageRAMConfigSet(Can1MessageRAM);
    CAN1_RxCallbackRegister(APP_CAN_Callback, (uintptr_t)APP_STATE_CAN_RECEIVE,
CAN_MSG_ATTR_RX_FIFO0);
    CAN1_TxCallbackRegister(APP_CAN_Callback, (uintptr_t)APP_STATE_CAN_TRANSMIT);
    display_menu();
    while(1)
    {
    }
}
```

//不知為何0x20000000及 CANO\_MESSAGE\_RAM\_CONFIG\_SIZE中間的加號無法顯示

以下為compiler的錯誤訊息

```
Link Error: Could not allocate section '_0c4b18f05ec644c4' at 0x20000000
Link Error: Could not allocate data memory
collect2.exe: error: ld returned 255 exit status
make[2]: *** [nbproject/Makefile-sam_e54_xpro.mk:336: dist/sam_e54_xpro/production/
sam_e54_xpro.X.production.hex] Error 255
```

```
make[1]: *** [nbproject/Makefile-sam_e54_xpro.mk:94: .build-conf] Error 2
make: *** [nbproject/Makefile-impl.mk:39: .build-impl] Error 2
BUILD FAILED (exit value 2, total time: 3s)
```

有無方法可以排除，感謝。