

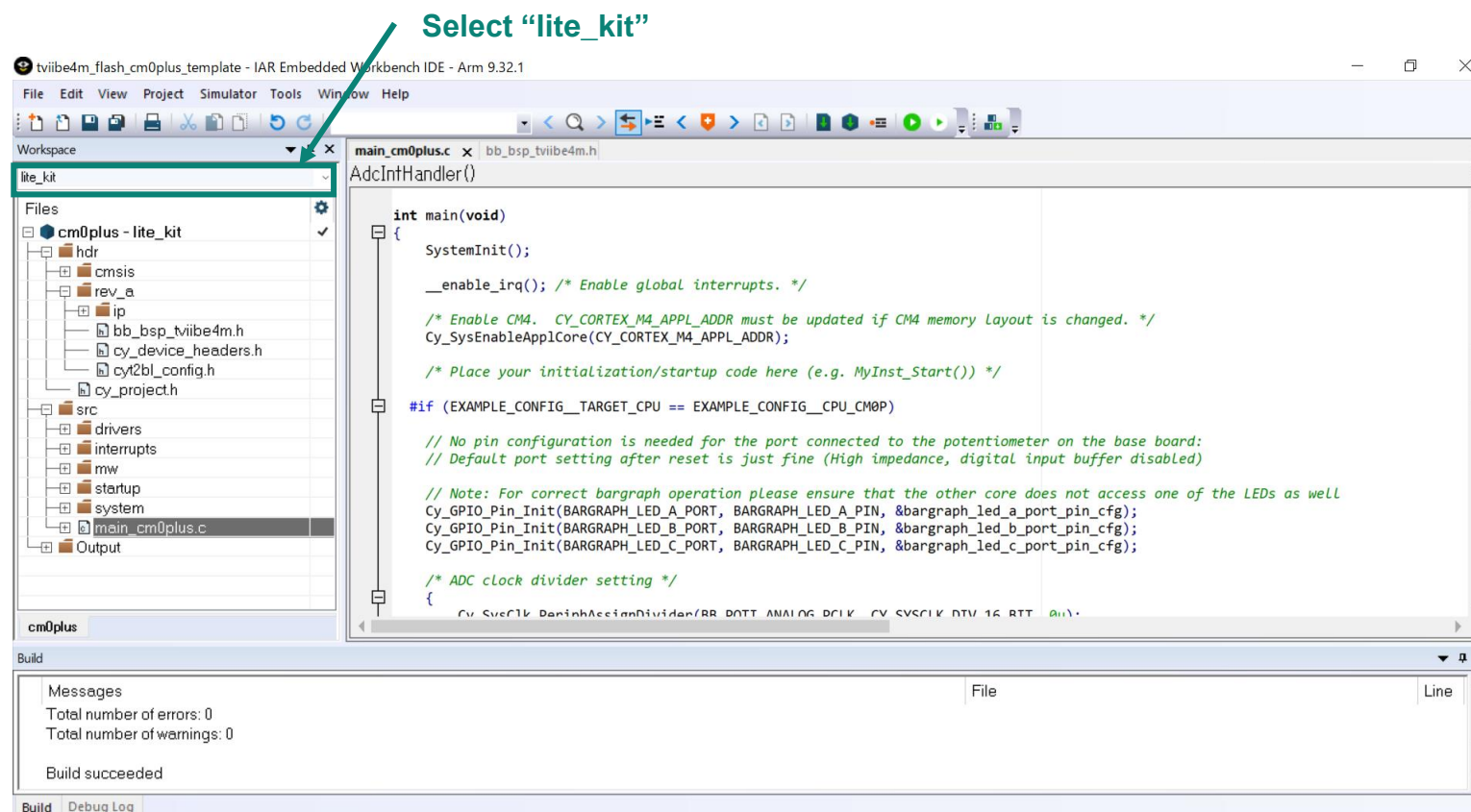
TRAVEO™ T2G Body entry evaluation kit Code example

- Operating condition
 - Board: KIT-T2G-B-E-LITE REV-E
 - Use USB Type-A to Micro-B cable for board power
 - This cable is also used for software debugging tool listed below.
 - Software: T2G_Sample_Driver_Library_7.9.0
 - Use example code of the following target directory
 - T2G_Sample_Driver_Library_7.9.0\src\examples\lite_kit
 - Software debug tool: IAR Embedded Workbench IDE 9.32.1
 - It is necessary to download the evaluation version from the IAR website.
 - Used evaluation version with code size limit for test.

TRAVEO™ T2G Body entry evaluation kit Code example

– Operating condition

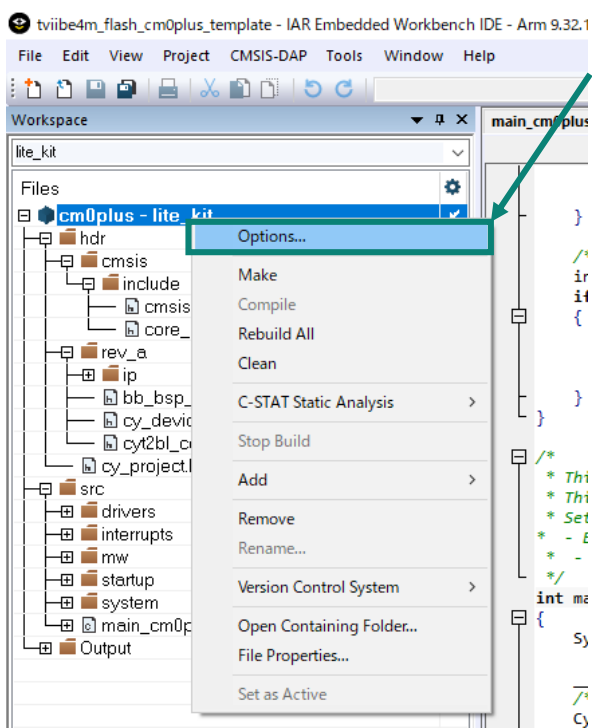
- About the IAR project build
 - It is necessary to select the header file for Lite kit on the IAR screen.
 - Select “lite_kit” from the pull-down menu below. Then build the project.



Options settings

– Setup the driver option

- Setup driver to “CMSIS DAP”.
 - Open the “Options for node “cm0plus” ” window.
 - Select “Debugger” and select “CMSIS DAP” from the pull-down menu below.
 - Click “OK”.

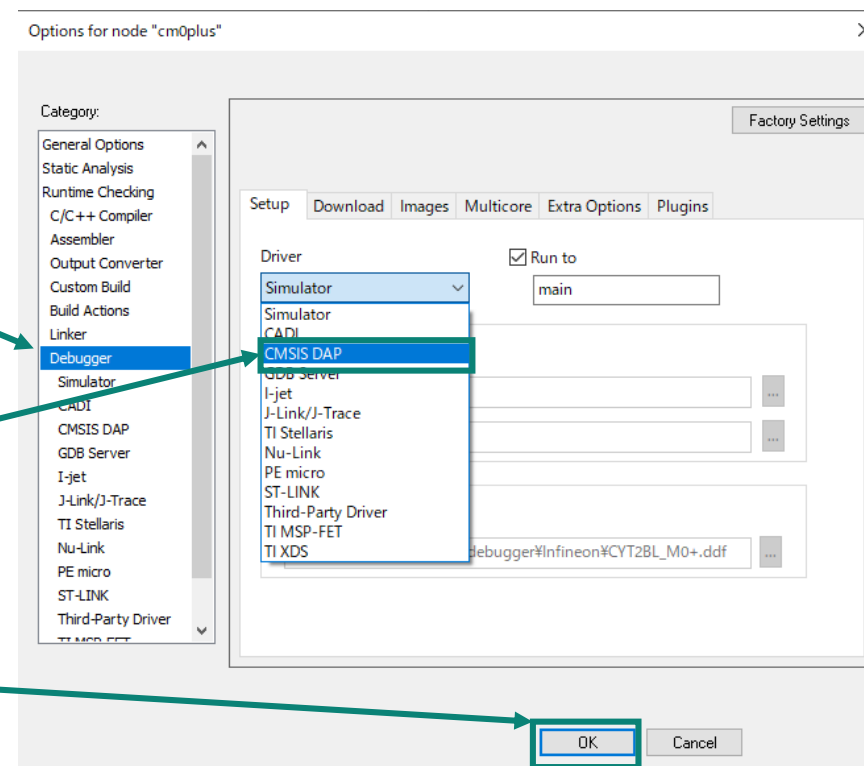


1. Select “Options...”

2. Select “Debugger”

3. Select “CMSIS DAP”

4. Click “OK”



KIT_T2G-B-E_LITE Code Example list (1/2)

– Code example list for Lite kit

No	Module	Description
1	adc	OneChannelConversion_SwTrigger
2		DieTempCalculation
3	Canfd	UseAsCANFDMODE
4	Crypto	ClientRunsOnCM4/AES
5		ClientRunsOnCM4/SHA1
6		ClientRunsOnCM4/TRNG
7	Dma	mdma/interrupt
8		mdma/mem_to_mem
9		pdma/interrupt
10		pdma/mem_to_peri
11		pdma/crc
12	Evtgen	active_trigger_adc
13		dpslp_wakeup/cm0plus
14	flash	code/cm0

No	Module	Description
15	flash	work/cm0
16	gpio	button
17		interrupt
18	ipc	UsingPipeInterface
19		UsingLowLevelApi
20	lvd	lvd
21	mcwdt	interrupt
22		dpslp_wakeup
23	mpu	mpu
24	prot	PPC_PC/cm0plus
25		SMPU_PC/cm0plus
26	scb	i2c/master
27		i2c/slave
28		ezi2c/sw_ezi2c

KIT_T2G-B-E_LITE Code Example list (2/2)

– Code example list for Lite kit

No	Module	Description
29	scb	sbi/Low_level_driver_master
30		sbi/Low_level_driver_slave
31		uart
32	smartio	led_blink_button_io
33	sram	ecc
34	srom	srom
35	svc	svc
36	sysflt	mcwdt_fault_reset
37		mpu_fault
38	sysint	GPIO_EdgeDetection
39		SoftwareInterrupt
40	syspm	Sleep/Wakeup_From_GPIO_Interrupt
41		Sleep/Wakeup_From_RTC_Alarm
42	sysrtc	sysrtc

No	Module	Description
43	systick	systick
44	syswdt	interrupt
45		reset
46	tcpwm	counter
47		capture
48		pwm
49		timer
50	trigmux	mem_to_mem_sw_trigger
51		scb_trigger1to1_dw