

在线仿真

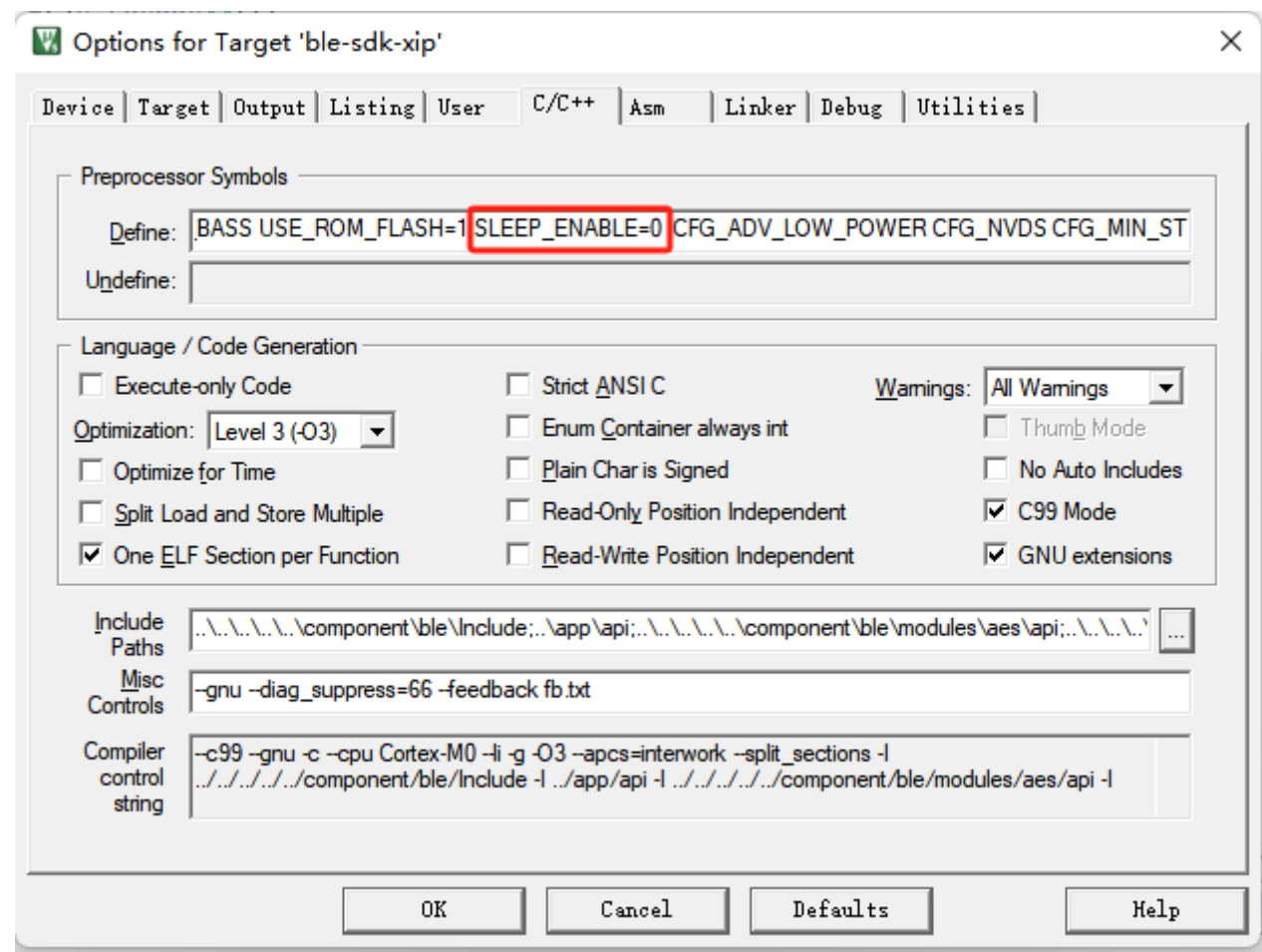
仿真引导文件选择

当前工程目录下ble52\tools\online_simulation，根据工程选择对应的仿真引导文件。

名称	修改日期	类型	大小	备注
XIPInitialization_2_4g_driver.ini	2024/9/4 19:08	配置设置	3 KB	2.4G与Driver
XIPInitialization_central.ini	2024/9/4 19:10	配置设置	3 KB	蓝牙主机
XIPInitialization_peripheral.ini	2024/9/5 10:46	配置设置	3 KB	蓝牙从机

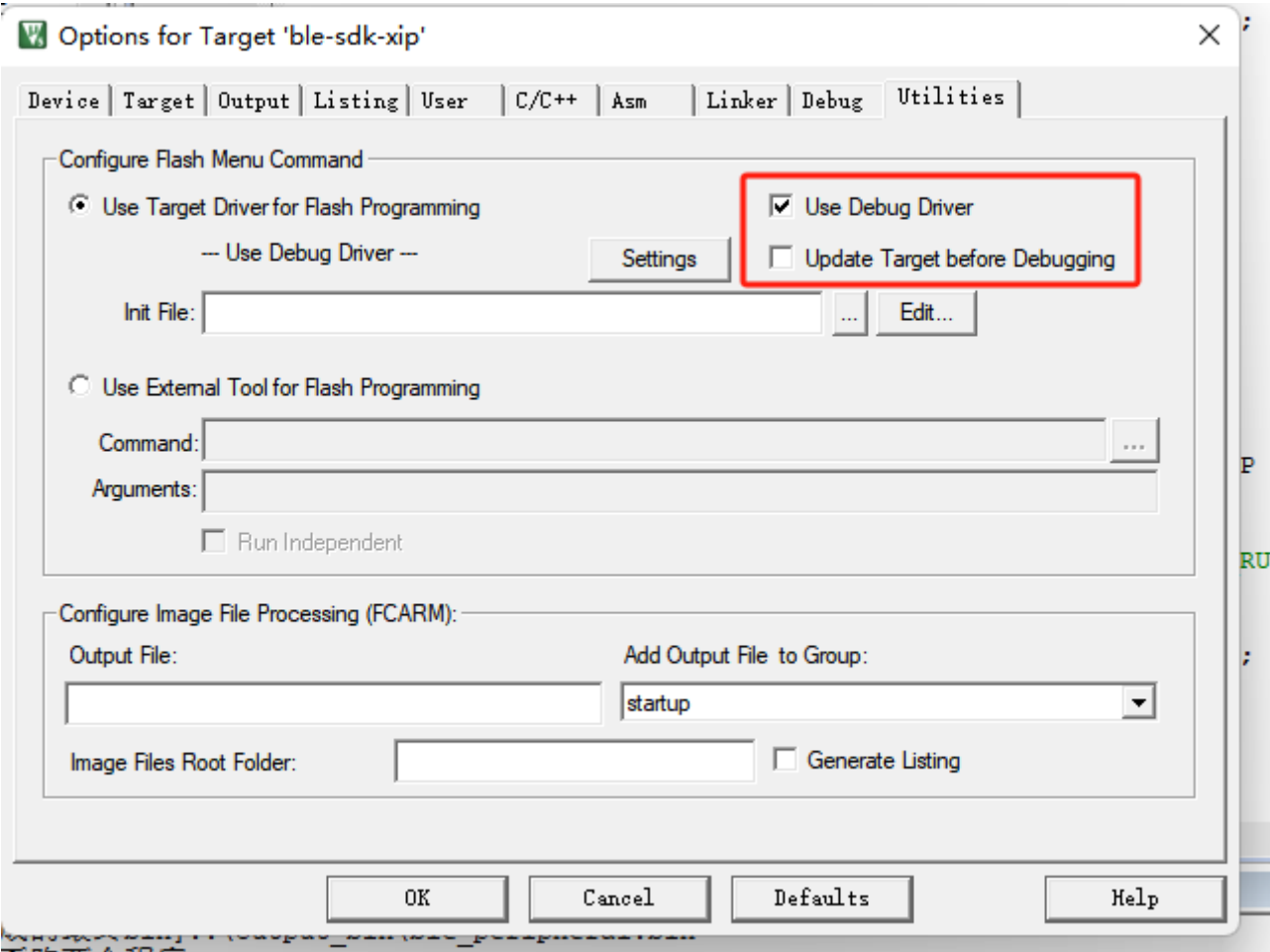
注意

进入仿真模式，需要提前关闭低功耗的配置



工程配置

在线仿真只勾选Debug Driver选项



添加引导文件

Options for Target 'rf_2_4g_ack_xip_demo'

Device

Target

Output

Listing

User

C/C++

Asm

Linker

Debug

Utilities

☐ Use Simulator

[with restrictions](#)

Settings

☐ Limit Speed to Real-Time

☒ Load Application at Startup

☒ Run to main()

Initialization File:

...

Edit...

Restore Debug Session Settings

☒ Breakpoints

☒ Toolbox

☒ Watch Windows & Performance Analyzer

☒ Memory Display

☒ System Viewer

CPU DLL:

Parameter:

SARMCM3.DLL

Dialog DLL:

Parameter:

DARMCM1.DLL

-pCM0

☐ Warn if outdated Executable is loaded

☒ Use:

J-LINK / J-TRACE Cortex

Settings

☒ Load Application at Startup

☒ Run to main()

Initialization File:

..\..\..\tools\online_simulation\XIPIni

Edit...

Restore Debug Session Settings

☒ Breakpoints

☒ Toolbox

☒ Watch Windows

☒ Tracepoints

☒ Memory Display

☒ System Viewer

Driver DLL:

Parameter:

SARMCM3.DLL

Dialog DLL:

Parameter:

TARMCM1.DLL

-pCM0

☐ Warn if outdated Executable is loaded

Manage Component Viewer Description Files ...

OK

Cancel

Defaults

Help

确认当前识别到J-Link仿真器

Cortex JLink/JTrace Target Driver Setup

DebugTraceFlash Download

J-Link / J-Trace Adapter

SN:69400679

Device:J-Link

HW:V9.40dll:V7.88j

FW:J-Link V9 compiled May 7 2

Port:SW

Max25 MHz

Auto Clk

SW Device

	IDCODE	Device Name	Move
SWDI	0x0BB11477	ARM CoreSight SW-DP	UpDown

☒ Automatic Detection

ID CODE:

☐ Manual Configuration

Device Name:

IR len:

AddDeleteUpdate

Connect & Reset Options

Connect:Normal

Reset:Normal

☒ Reset after Connect

Cache Options

☒ Cache Code

☒ Cache Memory

Download Options

☐ Verify Code Download

☐ Download to Flash

Interface

☒ USB☐ TCP/IP

Scan

State: ready

TCP/IP

Network Settings

IP-Address:127 . 0 . 0 . 1

Port (Auto:0

Autodetect

Ping

Misc

JLink Info

JLink Cmd

确定

取消

应用(A)

4 / 5

点进放大镜进入仿真模式

