

DK-TM4C129X_OS3

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[Micrium-DK-TM4C129X-OS3.zip](#)

Micrium

DK-TM4C129X Example Project

MCU			
Manufacturer	Family	Part Name	Architecture
TI	TM4C129x	TM4C129XNCZAD	ARM_Cortex_M4

PROJECT INSTRUCTIONS

PRODUCTS AND VERSION REFERENCE

TOOLCHAIN IDEs	
IDE Name	Version
IAR EW for ARM	6.70.2
Keil MDK-ARM	5.1.0.0
MICRIUM	
Micrium Product	Version
uC/CPU	1.30.00
uC/LIB	1.37.02
uCOS-III	3.04.02

LOADING & RUNNING THE PROJECT ON THE BOARD



[WARNING]: Make sure to open the project using the mentioned IDE(s) version or later.

IAR Embedded Workbench™

1. Click on **FileOpenWorkspace...**
2. Navigate to the directory where the workspace is located:
\$Micrium\Software\EvalBoards\TI\DK-TM4C129X\OS3\VAR\OS3.eww
3. Click **Open**.
4. For Safety, clean the project by clicking on **ProjectClean**. (If Available)
5. Compile the Project by clicking on **ProjectMake**.
6. Have the board connected via JTAG into the board input (J1) **before** downloading the project to the board.
 - a. Make sure that pin J11 is selecting the external 5V DC as the power source
 - b. 5V DC
7. Download the project to the board by clicking on **ProjectDownload and Debug**.
8. Run the project by clicking **DebugGo**. To stop the project from running click **DebugStop Debugging**.

Keil μ Visio5™

1. Click on **ProjectOpen Project...**
2. Navigate to the directory where the workspace is located:
\$Micrium\Software\EvalBoards\TI\DK-TM4C129X10S3\KeilMDK\IOS3.uvproj
3. Click **Open**.
4. For Safety, clean the project by clicking on **ProjectClean Target**. (If Available)
5. Compile the Project by clicking on **ProjectBuild Target**.
6. Have the board connected via JTAG into the board input (J1) **before** downloading the project to the board.
 - a. Make sure that pin J11 is selecting the external 5V DC as the power source
 - b. 5V DC
7. Download the project to the board by clicking on **DebugStart/Stop Debug Session**.
8. Run the project by clicking **DebugRun**. To stop the project from running click **DebugStart/Stop Debug Session** again.