

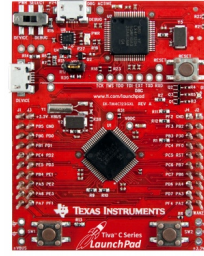
CCS12 için tıkla Kurulumda next next ilerlerken bi ara TM4C seçeneğini tıkla ve kur

Tiva kütüphanesi için tıkla Bir deęişiklik yapmadan kur!

Datasheet indirmek için tıkla

Api Kodları için tıkla

Kabloyu buraya tak



CCS de proje oluşturulması aşağıda verilmiştir.



Project Explorer X

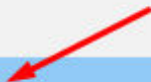
There are no projects in your workspace.
To add a project:

[Create a new C/C++/Assembly project...](#)
[create and manage the project](#)

[Create a project...](#)

[Import projects...](#)

- Open Project
- Close Project
- New CCS Project...**
- Build Configurations
- Build Working Set
- Clean...
- Build Automatically
- Show Build Settings...
- Add Files...
- Import CCS Projects...
- Import Legacy CCSv3.3 Projects...
- Properties



Create a new CCS project

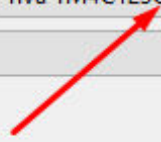
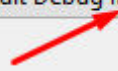
New CCS Project

Create a new CCS Project.



Target: <select or type filter text> Tiva TM4C123GH6PM

Connection: Stellaris In-Circuit Debug Interface Verify...



Cortex M [Arm]

Project name: bosproje



Use default location

Location: C:\Users\bb\workspace_v12\bosproje Browse...

Compiler version: TI v20.2.7.LTS More...

▶ Project type and tool-chain

▼ Project templates and examples

type filter text

- ▼ Empty Projects
 - Empty Project
 - Empty Project (with main.c)
 - Empty Assembly-only Project
- ▼ Basic Examples
 - Hello World

Creates an empty project initialized for the selected device. The project will contain an empty 'main.c' source-file.



Project Explorer X



main.c X

bosproje [Active - Debug]

- > Includes
- > Debug
- > targetConfig
- > main.c
- > tm4c123gh6p
- > tm4c123gh6p

mouse sağ tuş

- New >
- Show In Alt+Shift+W >
- Show in Local Terminal >
- Add Files...
- Copy Ctrl+C
- Paste Ctrl+V
- Delete Delete
- Refactor >
- Source >
- Move...
- Rename... F2
- Import >
- Export...
- Show Build Settings...
- Build Project
- Clean Project
- Rebuild Project
- Refresh F5
- Close Project
- Build Targets >
- Index >
- Build Configurations >
- Debug As >
- Restore from Local History...
- Team >
- Compare With >
- Properties Alt+Enter

type filter text

- > Resource
- General
- ✓ Build
 - > Arm Compiler
 - Processor Options
 - Optimization
 - 1 **Include Options**
 - ULP Advisor
 - Predefined Symbols
 - > Advanced Options
 - > Arm Linker
 - Basic Options
 - File Search Path
 - > Advanced Options
 - Arm Hex Utility [Disabled]
 - > Debug

Include Options

Configuration: **Debug [Active]** Manage Configurations...

Add dir to #include search path (--include_path, -I)

- `\${PROJECT_ROOT}`**
- `\${CG_TOOL_ROOT}/include`**

Add directory path

Directory:

Workspace... Variables... **Browse...**

OK Cancel

Specify a preinclude file (--pre

type filter text

Include Options

- > Resource
- General
- ▼ Build
 - ▼ Arm Compiler
 - Processor Options
 - Optimization
 - Include Options**
 - ULP Advisor
 - Predefined Symbols
 - > Advanced Options
- ▼ Arm Linker
 - Basic Options
 - File Search Pa
 - > Advanced Op
 - Arm Hex Utility
- > Debug

Configuration: Debug [Active] Manage Configurations...

Add dir to #include search path (--include_path, -I)

`$(PROJECT_ROOT)`
`$(CG_TOOL_ROOT)/include`

Add directory path

Directory:

Workspace... Variables... Browse...

OK Cancel

type filter text

- > Resource
- General
- > Build
 - > Arm Compiler
 - Processor Options
 - Optimization
 - Include Options**
 - ULP Advisor
 - Predefined Symbols
 - > Advanced Options
 - > Arm Linker
 - Basic Options
 - File Search Path
 - > Advanced Options
 - Arm Hex Utility [Disabled]
- > Debug

Include Options

Configuration: Debug [Active]

Manage Configurations...

Add dir to #include search path (--include_path, -I)

\${PROJECT_ROOT} ...

C:\ti\TivaWare_C_Series-2.2.0.295

\${CG_TOOL_ROOT}/include ...

altta veya uste veya ortada olmasının bir onemi yok.

Specify a preinclude file (--preinclude)

type filter text

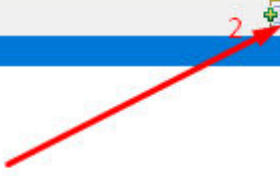
- > Resource
- General
- ▼ Build
 - ▼ Arm Compiler
 - Processor Options
 - Optimization
 - Include Options
 - ULP Advisor
 - Predefined Symbols
 - > Advanced Options
 - ▼ Arm Linker
 - Basic Options
 - File Search Path** 1
 - > Advanced Options
 - Arm Hex Utility [Disabled]
 - > Debug

File Search Path

Configuration: Debug [Active] Manage Configurations...

Include library file or command file as input (--library, -l)

libc.a



Add <dir> to library search path (--search_path, -i)

\$(CG_TOOL_ROOT)/lib ...

\$(CG_TOOL_ROOT)/include ...

- End reread library group (--end-group)
- Search libraries in priority order (--priority, -priority)
- Reread libraries resolve backward references (-reread-libraries)

type filter text

- > Resource
- General
- > Build
 - > Arm Compiler
 - Processor Options
 - Optimization
 - Include Options
 - ULP Advisor
 - Predefined Symbols
 - > Advanced Options
 - > Arm Linker
 - Basic Options
 - File Search Path**
 - > Advanced Options
 - Arm Hex Utility [Disabled]
 - > Debug

File Search Path

Configuration: Debug [Active] Manage Configurations...

Include library file or command file as input (--library, -l)

libc.a

Add file path

File:

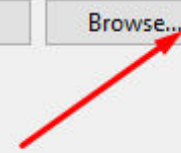
Workspace... Variables... Browse...

OK Cancel

End reread library group (--end-group)

Search libraries in priority order (--priority, -priority)

Reread libraries; resolve backward references (--reread_libs, -x) ⓘ



workspace

File Edit View

Properties for bosproje

type filter text

Project Explorer

- bosproje
 - Included Files
 - Debug
 - target
 - main
 - tm4c
 - tm4c

Resource

- General
- Build
 - Arm Compiler
 - Processor Options
 - Optimization
 - Include Options
 - ULP Advisor
 - Predefined Symbols
 - Advanced Options
 - Arm Linker
 - Basic Options
 - File Search Path
 - Advanced Options
 - Arm Hex Utility [Disabled]
- Debug

File Search Path

Configuration: Debug [Active] Manage Configurations...

Include library file or command file as input (--library, -l)

libc.a

Add file path

File:

Workspace... Variables... Browse...

OK Cancel

Aç

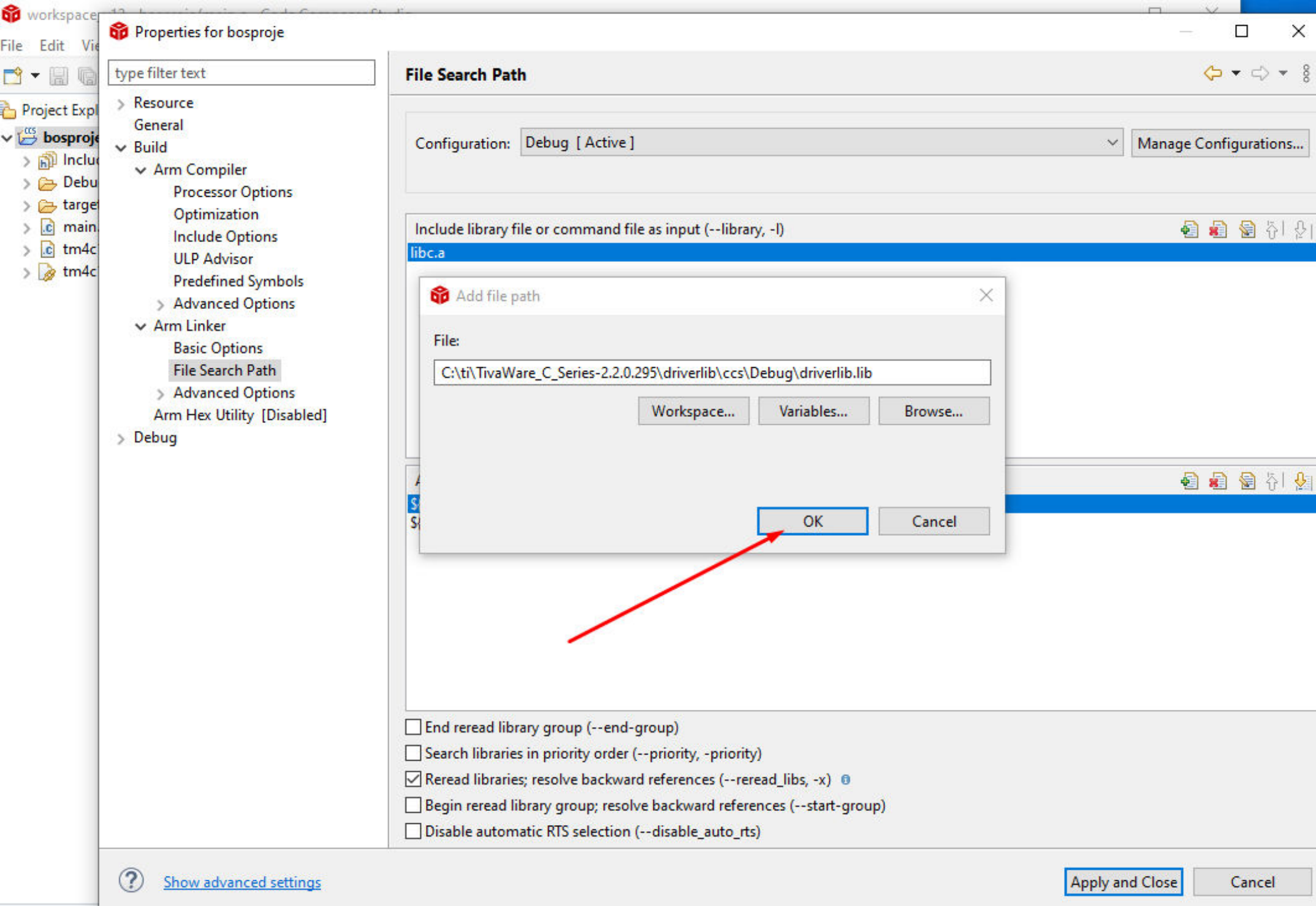
Bu bilgisayar > Yerel Disk (C:) > ti > TivaWare_C_Series-2.2.0.295 > driverlib > ccs > Debug

Düzenle Yeni klasör

	Ad	Değiştirme tarihi	Tür	Boyut
TivaWare_C_S...				
.metadata				
boot_loader				
docs				
driverlib				
ccs				
.settings				
Debug				
	driverlib.lib	3.10.2022 12:44	VisualStudio.lib.5e...	2.389 KB

seç bunu

Dosya adı: driverlib.lib



type filter text

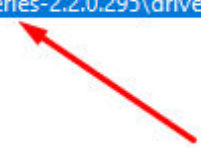
- > Resource
- General
- ▼ Build
 - ▼ Arm Compiler
 - Processor Options
 - Optimization
 - Include Options
 - ULP Advisor
 - Predefined Symbols
 - > Advanced Options
 - ▼ Arm Linker
 - Basic Options
 - File Search Path**
 - > Advanced Options
 - Arm Hex Utility [Disabled]
 - > Debug

File Search Path

Configuration: Debug [Active] Manage Configurations...

Include library file or command file as input (--library, -l) + ✖ 📄 ↑ ↓

libc.a
C:\ti\TivaWare_C_Series-2.2.0.295\driverlib\ccs\Debug\driverlib.lib



Add <dir> to library search path (--search_path, -i) + ✖ 📄 ↑ ↓

\${CG_TOOL_ROOT}/lib ...
\${CG_TOOL_ROOT}/include ...

- End reread library group (--end-group)
- Search libraries in priority order (--priority, -priority)
- Reread libraries; resolve backward references (--reread_libs, -x) ⓘ
- Begin reread library group; resolve backward references (--start-group)
- Disable automatic RTS selection (--disable_auto_rts)

workspace

File Edit View

Project Explorer

bosproj

- Includ
- Debu
- target
- main
- tm4c
- tm4c

Properties for bosproj

type filter text

- > Resource
- General
- > Build
 - > Arm Compiler
 - > Arm Linker
 - Basic Options
 - File Search Path**
 - Advanced Options
 - Arm Hex Utility [Disabled]
- > Debug

File Search Path

Configuration: **Debug [Active]** Manage Configurations...

Include library file or command file as input (--library, -l)

libc.a
C:\ti\TivaWare_C_Series-2.2.0.295\driverlib\ccs\Debug\driverlib.lib

Add <dir> to library search path (--search_path, -i)

\$(CG_TOOL_ROOT)/lib
\$(CG_TOOL_ROOT)/include

- End reread library group (--end-group)
- Search libraries in priority order (--priority, -priority)
- Reread libraries; resolve backward references (--reread_libs, -x)
- Begin reread library group; resolve backward references (--start-group)
- Disable automatic RTS selection (--disable_auto_rts)

[Show advanced settings](#)



Apply and Close Cancel



Project Explorer ×

- bosproje [Active - Debug]
- > Includes
- > Debug
- > targetConfigs
- > main.c
- > tm4c123gh6pm_startup_ccs.c
- > tm4c123gh6pm.cmd

main.c ×

```
1  
2  
3 /**  
4 * main.c  
5 */  
6 int main(void)  
7 {  
8     return 0;  
9 }  
10
```

gönderdiğim kodu buraya yapıştırın

kiti bilgisayarınıza takın, sonra yeşil böcek tıkla
ardından yeşil play tuşu yada run tuşuna tıkla

Problems × Memory Allocation Stack Usage

0 items

Description	Resource	Path	Location	Type



Project Explorer ×

bosproje [Active - Debug]

- > Binaries
- > Includes
- > Debug
- > targetConfigs
- > main.c
- > tm4c123gh6pm_startup_ccs.c
- > tm4c123gh6pm.cmd

*main.c ×

```
1 #include <stdint.h>
2 #include <stdbool.h>
3 #include "inc/hw_memmap.h"
4 #include "inc/hw_types.h"
5 #include "driverlib/sysctl.h"
6 #include "driverlib/gpio.h"
7
8 uint8_t ui8PinData=2;
9
10 int main(void)
11 {
12     SysCtlClockSet(SYSCTL_SYSDIV_5|SYSCTL_USE_PLL|SYSCTL_XTAL_16MHZ|SYSCTL_OSC_MAIN);
13     SysCtlPeripheralEnable(SYSCTL_PERIPH_GPIOF);
14     GPIOPinTypeGPIOOutput(GPIO_PORTF_BASE, GPIO_PIN_1|GPIO_PIN_2|GPIO_PIN_3);
15     while(1)
16     {
17         GPIOPinWrite(GPIO_PORTF_BASE, GPIO_PIN_1|GPIO_PIN_2|GPIO_PIN_3, ui8PinData);
18         SysCtlDelay(2000000);
19         GPIOPinWrite(GPIO_PORTF_BASE, GPIO_PIN_1|GPIO_PIN_2|GPIO_PIN_3, 0x00);
20         SysCtlDelay(2000000);
21
22         if(ui8PinData==8) {
23             ui8PinData=2;
24         } else {
25             ui8PinData=ui8PinData*2;
26         }
27     }
28 }
29
```