Sistemas Microcontrolados

Criando um Projeto Novo no µVision Keil

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Abra o µVision Keil;
 Ir no menu Project
 → New µVision
 Project...

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3) Criar uma pasta para o projeto e colocar o nome desejado no mesmo.

🔣 Create New Projec	ct	>	<
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4) Selecione o dispositivo desejado. No caso da disciplina escolher Texas Instruments \rightarrow Tiva C Series \rightarrow TM4C129x Series \rightarrow TM4C1294NCPDT e depois clique em OK.

Select Devi	ce for Target 'Target 1'			>
Device				
-	Software Packs	•		
Vendor: Device: Toolset: Search:	Texas Instruments TM4C1294NCPDT ARM			
	Image: Second system Image: Second system Image: Secon	Description: Texas Instruments Tiva C Serie ARM Cortex-M4 core with scalable memory and package peripherals, and advanced ana The Tiva TM4C129x MCUs are based MCUs with Ethemet MAI enabling customers to create a that bridge the cloud and amplify the ever-growing Interner The Tiva TM4C129x MCUs off as on-chip data protection and LCD controller to save board sy prolicitions much as home for	s MCUs offer the industry's mo options, unparalleled connectiv log integration. the industry's first ARM Cortex C+PHY, new class of highly connected et of Things (IoT). er several connectivity options, pace and enable connected	st popular vity c-M4- l products , as well
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		OK Cancel		Help

5) Na tela de Manage Run-Time Environment clique apenas em **OK** sem selecionar nenhuma opção.



6) Baixe o arquivo: no endereço: http://www.elf52.daeln.com.br/Labs/Novo_Projeto.zip

7) Descompacte a pasta e copie os arquivos para dentro da pasta do seu projeto (exemplo.s e startup.s)

8) Clique com o botão direito em Source Group 1 e selecione a opção Add Existing Files to Group Source Group 1.



9) Selecione o arquivo exemplo.s e clique em Add, selecione o arquivo startup.s e clique em Add. 10) Clique com o botão direito em Target 1 e depois Options for Target 'Target 1'



10) No menu **Debug** selecione o modo simulação ou selecione o debugger **Stellaris ICDI** se estiver utilizando a placa.

🔣 Options for Target 'Target 1'	×						
Device Target Output Listing User C/C++ Asm	Linker Debug Utilities						
Use Simulator with restrictions Settings Limit Speed to Real-Time	O <u>U</u> se: Stellaris ICDI						
✓ Load Application at Startup ✓ Run to main() Initialization File:	Load Application at Startup Run to main() Initialization File:						
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✓ Watch Windows & Performance Analyzer	Vatch Windows						
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DCM.DLL -pCM4	TCM.DLL pCM4						
Manage Component Viewer Description Files							
OK Ca	ncel Defaults Help						

Criando um Projeto Novo

11) Para compilar clique no ícone indicado na figura.

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	exemplo.s						
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12) Para começar a depuração clique no menu Debug → Start/Stop Debug Session

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