





Xilinx_ISE_DS_Win_14.7

Sistemas Lógicos | DEE





[Nota]:Este tutorial foi efetuado para a instalação de Xilinx_ISE_DS_Win_14.7 no Windows 7.

Instalação Xilinx

Para realizar a instalação deve obter o conjunto de pastas fornecido pelo docente da cadeira.

Começar por correr o ficheiro xsetup.exe selecionado na figura.

Name	Date modified	Туре	Size
APPDATA%	24-07-2013 16:07	File folder	
🔰 .xinstall	24-07-2013 15:02	File folder	
🍌 bin	24-07-2013 15:02	File folder	
LodeSourcery	24-07-2013 15:02	File folder	
📙 common	24-07-2013 15:02	File folder	
📙 data	24-07-2013 15:02	File folder	
DocNav	24-07-2013 15:02	File folder	
📙 edk	24-07-2013 15:02	File folder	
📗 idata	24-07-2013 15:02	File folder	
🔓 ise	24-07-2013 15:02	File folder	
labtools	24-07-2013 15:02	File folder	
Microsoft.VC90.CRT	24-07-2013 15:02	File folder	
Microsoft.VC90.MFC	24-07-2013 15:02	File folder	
msg	24-07-2013 15:02	File folder	
-p	24-07-2013 16:48	File folder	
📔 planahead	24-07-2013 15:02	File folder	
🔓 sdk	24-07-2013 15:02	File folder	
📙 sysgen	24-07-2013 15:02	File folder	
📙 vivado	24-07-2013 15:02	File folder	
📙 Vivado_HLS	24-07-2013 15:02	File folder	
📙 webpack	24-07-2013 15:02	File folder	
autorun.inf	10-07-2012 07:59	Setup Information	1 KB
xinfo.exe	10-07-2012 08:00	Application	741 KB
xsetup.exe	10-07-2012 08:00	Application	748 KB

Figura 1-executável de instalação

Selecionar os seguintes produtos para instalação:



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Figura 2-Produtos a instalar

Verificar as seguintes opções de instalação:

ISE 14.2 and Vivado 2012.2 Installer		
🔺 XILINX.	Select Installation Options	
	Select the desired installation options below. Selection of these options may result programs being run at the conclusion of the installation process.	t in additional
	Use multiple CPU cores for faster installation	
DESIGN SUITE	Enabling this option will speed up installation but may slow down other active applications	
	Acquire or Manage a License Key	
	Sourcery CodeBench Lite for Xilinx Cortex-A9 GNU/Linux	
	Sourcery CodeBench Lite for Xilinx Cortex-A9 EABI	
	☑ Install WinPCap for Ethernet Hardware Co-simulation	
ISE 14.2 and Vivado 2012.2 Installer	V Install Cable Drivers	11-15
	Enable weblack to send software, IP and device usage statistics to Xilinx (Aiv	vays enabled for
Accept License Agreements		
Select Products to Install		
-> Select Installation Options	Se	elect/Deselect All
Select Destination Directory Installation	Description of Acquire or Manage a License Key	
	Most Xilinx applications now require a license key file in order to run. If this sel enabled, the Xilinx License Configuration Manager will be opened in order to as either in acquiring a new license file or in managing an existing license file. If the first time using Xilinx ISE Design Suite 14.2, it is highly recommended that you application to acquire or install your license file.	ection is ssist you his is your use this
Copyright (c) 1995-2012 Xilinv, Inc. All rights reserved. XILINX, the Xilinv logo and other designated brands included herein are trademarks of Xilinv, Inc. All other trademarks are the property of their respective owners.		
	< Back Next >	Cancel





Definir a diretoria de instalação:

[Nota]: ter atenção ao espaço necessário em disco para a instalação

ISE 14.2 and Vivado 2012.2 Installer			
XILINX.	Select Destination D	irectory	
	Select the directory where yo	u want the software installed.	
	C:\Xilinx		Browse
DESIGN SUITE	Install location(s) : C:\Xilinx\14.2\ISE_DS C:\Xilinx\Vivado\2012.2 C:\Xilinx\Vivado_HLS\2012.2		
	Disk Space Required :	17839 MB	
ISE 14.2 and Vivado 2012.2 Installer Welcome Accept License Agreements Soloct Devoluce to Install	Disk Space Available :	306064 MB	
Select Installation Options			
-> Select Destination Directory	Select a Program Folder		
Installation	This name will appear in the	Start Menu > Programs list.	
	Xilinx Design Tools		(T
	Import tool preferences fr and change project file as	om previous version sociation to ISE Design Suite Sy	vstem Edition + Vivado System Edition
Copyright (c) 1995-2012 Xilinx, Inc. All rights reserved. XILINX, the Xilinx logo and other designated brands included herein are trademarks of Xilinx, Inc. All other trademarks are the property of their respective owners.			
			< Back Next > Cancel

Figura 4-Diretoria de instalação

Após efetuados estes passos instalar os aplicativos que aparecem ao longo da instalação.





Validar o Xilinx com a licença

Quando o processo de instalação acabar será aberta a seguinte janela, selecionar a opção assinalada na figura:

cquire a License	Manage Xilinx Licenses
Select one of the	following options
🔘 Start Now! -	30 Day Trial (No Bitstream)
Get Free ISE	WebPadk License
💮 Start 30 Day	Evaluation
💮 Get My Purch	ased License(s)
💮 Locate Existir	ig License(s)
Description of the	above selected option
Get free ISE We license file conta configure your s www.xilinx.com. Note: WebTalk is license. If a desi	PPack license and start using your Xilinx software. You will be taken to the Xilinx website where you can generate and download a ning keys to use ISE WebPack. Once your license file is generated, the "Manage Xilinx Licenses" tab will open to enable you to ystem to use the license. For more information on ISE WebPack, including supported devices and applications, please visit always enabled for WebPACK users. WebTalk innores user and install preference when a bitstream is generated usion the WebPACK.
this, please see	gn is using a device contained in WebPACK and a WebPACK license is available, the WebPACK license will always be used. To change

Figura 5-Get Free ISE WebPack License

Este passo deve ser efetuado com ligação à internet pois será aberta a seguinte check-box para aceder à internet:

Local System Information	
Hostname:	PC
Network Interface Card (NIC) ID:	b4749f71bde1,b4749f718349,b870f453a4b7
C: Drive Serial Number:	e22cab5c
FLEXID Dongle ID:	

Figura 6-Confirmar ligação à página para baixar a licença

Será aberta a seguinte página:

	Products	Applications	Support Why register Get easy acce	er keywords Ac Buy er?	dvanced Search
	Products	Applications	Support Why register Get easy acce	Buy er?	About Xilin>
	Products	Applications	Support	Buy er?	About Xilin
			Why registe	er?	
			Why registe	er?	
			Why registe	er?	
			Get easy acce		
			and a star side a set	ss to all you	ur design
			needs when y	ou register	on Allinx.com.
			 Join Xilinx s 	support foru	ims and news
			Download	software ar	nd tools
			 Get technic 	al help	UIS
			Gain acces	s to specia	al content
			Register to	r training ai	nd events
			Create Accourt	RE .	
				-	
 edback (sedback Contact Us	eedback Contact Us	edback Contact Us	Order prod Gala acces Register fo Create Accour	Order products and to Gattechnical help Gain access to special Register for training a Create Account

Figura 7-Criar uma nova conta

Em seguida é só criar uma nova conta, fornecer os dados, relacionados com a Faculdade, e será baixado um ficheiro chamado Xilinx.lic. Este ficheiro é a licença para o software Xilinx.

Regressar à página da figura seguinte e selecionar o separador assinalado:

	Manage Xilinx Licenses	
Select one of the	following options	
Start Now! -	30 Day Trial (No Bitstream)	
Get Free ISE	WebPack License	
Start 30 Day	Evaluation	
Get My Purch	ased License(s)	
Cocate Existin	ng License(s)	
Description of the	above selected option	
Icense file conta configure your s www.xilinx.com. Note: WebTalk is license. If a desi this, please see	ning layer to use SEE Woold's C. On existing the second and an use allowed without Writes Yud, system to use the license. For more information on ISE WebPack, including supported devices and ap always enabled for WebPACK users. WebTalk ignores user and install preference when a bitstream pit using a device contained in WebPACK and a WebPACK license is available, the WebPACK license knower Record 34746.	in gend att and control d

Figura 8-Manage Xilinx Licenses

Selecionar a opção Copy License marcada na figura:

to copy a license file into this dir will need to make these settings o Host Id Host Id Lice b870f453a4b7 Yes Okay ANY Yes Okay	ctory. utside of this applica
Host Id Host Id Lice b870f4534b7 Yes Okay ANY Yes Okay	utside of this applica
Will need to make these settings o Host Id Host Id Licce b870f453a4b7 Yes Okay ANY Yes Okay	nse Search Order
HostId HostId Lice Matches CRC b870f4534b7 Yes Okay ANY Yes Okay	nse Search Order
HostId HostId CRC b870f4534b7 Yes Okay ANY Yes Okay	nse Search Order
HostId HostId CRC b870f4534b7 Yes Okay ANY Yes Okay	nse Search Order
HostId HostId CRC b870f453a4b7 Yes Okay ANY Yes Okay	nse Search Order
Host Id Host Id Lice Matches CRC b870f453a4b7 Yes Okay ANY Yes Okay	nse Search Order
b870f453a4b7 Yes Okay ANY Yes Okay	00010
ANY Yes Okay	01000
	00128
ANY Yes Okay	00127
ANY Yes Okay	00126
ANY Yes Okay	00125
ANY Yes Okay	00124
ANY Yes Okay	00123
ANY Yes Okay	00122
ANY Yes Okay	00121
A A IN	00120
ANY Yes Okay	
ANY Yes Oka ANY Vec Oka	00110
ANY Yes ANY Yes ANY Yes	Okay Okay Okay Okay



E por fim é só selecionar o ficheiro, Xilinx.lic, que foi baixado.

Nota: Windows 8, 8.1 e 10

Para o Windows 8 ou superior não se podem abrir dialogs do sistema através do xilinx, ou seja,

para colocar a licença no programa não podem fazer o passo anterior, mas sim correr um

executável disponível na pasta do projeto, como demonstrado na figura abaixo.



Instalação Digilent

Extrair o ficheiro digilent.adept.system_v2.10.2.rar

Organize 🔻 📲 Open	 Burn New folder 			
🚖 Favorites	Name	Date modified	Туре	Size
🧮 Desktop	digilent.adept.utilities_2.1.1-Windows.zip	11-09-2012 16:36	Arquivo ZIP do Wi	88 KB
퉳 Downloads	digilent.adept.sdk_v2.1.1.zip	11-09-2012 16:35	Arquivo ZIP do Wi	2,697 KB
💔 Dropbox	🔚 digilent.adept.system_v2.10.2.rar	29-01-2013 13:37	Arquivo do WinRAR	19.281 KB
📃 Recent Places				
Libraries				
Documents				
J Music				
E Pictures				
🛃 Videos				
Computer				
Computer				
Computer Local Disk (C:) CD Drive (E:) Iomega				
 Computer Local Disk (C:) CD Drive (E:) Iomega Iomega_HDD (H:) 				
Computer Coal Disk (C:) CD Drive (E:) Iomega Comega_HDD (H:) CN Network				
Computer Local Disk (C:) CD Drive (E:) Iomega Tomega_HDD (H:) Network				

Figura 10-Digilent.adept.system_v2.10.2.rar

Executar o ficheiro gerado

Organize 🔻 🛅 Open	Burn New folder			
🔆 Favorites	Name	Date modified	Туре	Size
🧱 Desktop	digilent.adept.sdk_v2.1.1.zip	11-09-2012 16:35	Arquivo ZIP do Wi	2.697 KB
🚺 Downloads	🛕 digilent.adept.system_v2.10.2.exe	11-09-2012 15:40	Application	21.012 KB
💔 Dropbox	digilent.adept.system_v2.10.2.rar	29-01-2013 13:37	Arquivo do WinRAR	19.281 KB
🗓 Recent Places	🗃 digilent.adept.utilities_2.1.1-Windows.zip	11-09-2012 16:36	Arquivo ZIP do Wi	88 KB



Está instalado.