SIEMENS

QUICK REFERENCE GUIDE TO INSTALLING XILINX SOFTWARE ON THE WAYSIDE ACCESS GATEWAY (WAG)

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Instructions For Uploading Xilinx Software To The WAG

Use the HyperTerminal program to interact with the WAG. HyperTerminal is included with the standard Windows® 9x/NT/2000/XP installation.

Tools Needed:

- IBM compatible computer (laptop or desk top) equipped with a CD drive
- Null modem serial cable or straight serial cable with a null modem adapter
- CD containing WAG Xilinx software (xilwag15.bin) supplied by Siemens

Connecting PC to WAG Using HyperTerminal:

- 1. Connect the null modem cable between the serial port on the front of the WAG (J1) and the serial COM port of the computer. Make sure the cable is a null cable or use a null modem adapter.
- Start the HyperTerminal program on your PC (Start > All Programs > Accessories > Communications > HyperTerminal). The HyperTerminal Connection Description screen is displayed.

Connection Description
New Connection
Enter a name and choose an icon for the connection:
Name:
lcon:
OK Cancel

3. Give the connection a name and click **OK**.

Copyright ©2009-2014 Siemens All rights reserved 4. When the **Connect To** screen appears, select the PC Com port from the **Connect using** drop down menu (most likely **COM1**). Click **OK**.





Enter details for the phone number that you want to dial:

Country/region:	United States (1)
Ar <u>e</u> a code:	909
Phone number:	
Co <u>n</u> nect using:	COM1

5. On the **COM Properties** screen, select the baud rate from the **Bits per second** drop down menu (try 57600).

COM1 Prope	rties ?×
Port Settings	
Bits per secon	d: 2400
<u>D</u> ata bit	s: 8 💌
Parit	y. None
<u>S</u> top bit	s: 1
Elow contro	ol: Hardware
	<u>R</u> estore Defaults
	OK Cancel Apply



NOTE

If the screen fails to display normal text as shown in step 7 below when the WAG is powered up, you may have to select a different baud rate.

6. Set Flow control to None. Click OK.

COM1 Propert	ties		? ×
Port Settings			
			_
<u>B</u> its per second:	57600	•	
<u>D</u> ata bits:	8	•	
<u>P</u> arity:	None	•	
<u>S</u> top bits:	1	•	
Elow control:	Hardware Xon / Xoff Hardware	-)
		<u>H</u> estore Defaul	ts
	K Ca	ncel <u>A</u>	pply

 Apply power to the WAG. When the system is first powered up, the WAG boot monitor runs and the boot options menu is displayed. You have 5 seconds from when the menu appears to select option 3 (type 3 and press Enter on the computer keyboard).



Boot Options Menu

 After option 3 is selected the statement "Waiting to receive Xilinx . . ." is displayed below the menu. Select "Send file" from the Transfer menu at the top of the HyperTerminal screen.

🌯 a - HyperTerminal					
File Edit View Call	Transfer	Help			
D 🖻 🍘 🕈 🖻 🖀	Send Fi	le			
	Receive	File			
	Capture	e Text			
	Send T	ext File			
	Capture	e to Printer			

The Send File pop-up window will be displayed.

Send File	? ×
Folder: C:\Documents and Settings\davew <u>Fi</u> lename:	
	<u>B</u> rowse
Protocol:	
Zmodem with Crash Recovery	•
<u>S</u> end <u>Close</u>	Cancel

Send File Pop-up Window

9. Click the **Browse** button and navigate to the location of the Xilinx file (CD drive). Set the file transfer protocol to **Zmodem** and click **Send**.

🗖 Send	File			? ×
Folder: E:V				
<u>F</u> ilename:				
E:\xilwag15.bi	n			Browse
Protocol:				
Zmodem				-
\smile				
		<u>S</u> end	<u>C</u> lose	Cancel

The **Zmodem file send** screen will be displayed.

Sendina:	C:\waasoftware\waaboot waa	
rending.		
.ast event:	Sending	Files: 1 of 1
Status:	Sending	Retries: 0
		246 -6 206
ile.		JZ4K UI SUK
lansed	00:00:07 Remaining: 00:00:01	Throughput: 3413 cps

10. When the download is complete, restart the WAG.