Download Cable Solutions from Xilinx

Features:

- Superior speed: Configures V1000 device in SelectMAP™ mode in less than 5 seconds
- Automatic support for 5V, 3.3V, and 2.5V standards/target systems
- CE certified and USB compliant
- Accepts any supply voltage from 2.5V to 5V as power input (from target application or external power supply)
- Comes with USB cable, RS-232 cable, DB25M to DB9M adapter, and DB25F to DB9M adapter
- Software reconfigurable
- Interfaces to target hardware with 4 sets of versatile flying wires: JTAG, Slave Serial, and SelectMAP mode
- Supports JTAG (IEEE 1149.1) configuration for:
  - Virtex-II/Pro, Virtex Series, Spartan Series, XC4000 Series, and XC5200 FPGAs
  - CoolRunner-II, CoolRunner, and XC9500 Series CPLDs
  - ISP PROMs (XC18V00)
  - System ACE MPM
- Supports serial download, verification and debug for any size Virtex-II/Pro, Virtex Series, Spartan Series, XC4000 Series, and XC5200 FPGAs

MultiLINX Cable

The MultiLINX cable takes advantage of the USB port found on newer PCs. MultiLINX features an adjusting voltage that enables it to talk to system and I/Os operating at 5V, 3.3V, and 2.5V.

Feature Comparison Chart

	Parallel Cable IV	MultiLINX
Part Number	HW-PC4	HW-MULTILINX
Connects to	PC Parallel Port (DB25)	USB & Standard RS-232
OS Support	Windows 98/NT (4.0+)/2000	Windows 98/NT (4.0+)/2000, Sun Solaris, HP-UX
Device Support	All Xilinx FPGAs, CPLDs, System ACE MPMs, and ISP PROMs	All Xilinx FPGAs, CPLDs, System ACE MPMs, and ISP PROMs
Configuration Modes	JTAG (IEEE 1149.1), Slave Serial, IEEE 1532	JTAG (IEEE 1149.1), Slave Serial, SelectMAP
Board Interface	Comes with a robust ribbon cable but flying wires can also be used (flying wires sold separately)	Comes with (4) sets of flying wires
FPGA Readback	No	Yes
Serial Port Adapets	N/A	Comes with (2) DB9 to DB25 adapters; (1) males and (1) female
I/O Voltage Support	1.5V, 1.8V, 2.5V, 3.3V, and 5V	2.5V, 3.3V, and 5V
Price	$95 USD	$495 USD

XILINX®

Parallel Cable IV (PC only)

Features:

- Downloads to all Xilinx FPGAs, CPLDs, ISP PROMs, and System ACE MPM using JTAG (IEEE 1149.1) or Slave Serial modes
- Automatically adjusts to operating voltages from 1.5V to 5V
- Speeds up to 5Mbps
- Draws power directly from the PC (through the mouse/keyboard port) or an external power supply
- Comes with a robust ribbon cable
- Backward compatible to Parallel Cable III using the flying wires
- Interfaces to PC printer port

The Parallel Cable IV from Xilinx is a very cost effective solution that interfaces with the printer port on your PC. The PCIV comes with a robust ribbon cable that enables you to perform JTAG and Slave Serial configurations at the highest speeds.

For more information about Xilinx cables, or to purchase a cable, please visit the Xilinx website.

http://www.xilinx.com

Turn this card over to see the cable feature comparison chart.

Corporate Headquarters	Europe	Japan	Asia Pacific
Xilinx, Inc.	Xilinx, Ltd.	Xilinx, K.K.	Xilinx, Asia Pacific
2100 Logic Drive	Benchmark House	Shinjuku Square Tower 18F	Unit 1201, Tower 6, Gateway
San Jose, CA 95124	203 Brooklands Road	6-22-1 Nishi-Shinjuku	9 Canton Road
Tel: (408) 559-7778	Weybridge	Shinjuku-ku, Tokyo	Tsimshatsui, Kowloon,
Fax: (408) 559-7114	Surrey KT13 ORH	163-1118, Japan	Hong Kong
Web: www.xilinx.com	United Kingdom	Tel: 81-3-5321-7711	Tel: 852-2-424-5200
	Tel: 44-870-7350-600	Fax: 81-3-5321-7765	Fax: 852-2-494-7159
	Fax: 44-870-7350-601	Web: www.xilinx.co.jp	E-mail: hongkong@xilinx.com
	Web: www.xilinx.com		

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