Description  Yet Another JTAG Flash Programmer, Boundary Scan Test Sub-edition, Small Business Edition  Operating System  Requirement  Features  Don't need the Flash sockets anymore; No need to use debuggers or emulators; Lightweight green software; PCPU architecture independent. Supports CPUs based on PowerPC/ARM/MIPS architectures, also supports DSP, NP, CPLD/FPGA and other SoC; Support multi devices in ITAG chain; Use CPU standard JTAG port, without extra design; NO one-line boot code needed. Run without any configuration for clock, SDRAM, etc.; Can read Flash data even CPU hangs or Flash data is corrupt; 10x times faster than parallel cable when programming with WH-USB-JTAG cable; 5x times faster as WH-USB-JTAG with WH-USB-HITAG; Support batch programming: Automatically program different file to different address. Easily integrated with manufacturing automation system: Run specified operations automatically and silently without clicking any button. Calculating hash value of programming file based on multiple algorithms. Avoid writing wrong file by comparing calculated value with expected value.  Functions  Punctions  Support many vendors' Flash: numonyx, Spansion, Intel, AMD, ST, SST, EON, MXIC, etc.; Read, Programming Flash; Block operation (erase, lock, unlock); Besides programming, the software can lighten LEDs to verify the JTAG function; Read/Write other ICs: The JTAG software can read and write other ICs (e.g., CPLD, ASIC, etc.) connected to the JTAG device (usually the CPU, but other ICs are also OK), so you can debug your card without software running. It will highly enhance the debug efficiency and shorten the time to market.  Licensed Items  BSTFP;RWChip;LightenLED;EditCfgFile; CableAtticePP;CableXilinxPPIII;CableAlteraBB;CableAlteraBBMV;CableAlteraBBII; One year limited support 4 Help to setup 2 configuration files 5 Help to setup 4 configuration files 5 Licenses Included One Copy  Licenses Included One Copy  Done Year Never Expired	Part Number	ract sneet	va IEDh I			
Scan Test Sub-edition, Small Business Edition   Scan Test Sub-edition, Large Business Edition		yaJFPb-S	yaJFPb-L			
Pactures   Windows XP, Windows Vista, Windows 7	Description	·				
Peatures   Pon't need the Flash sockets anymore;						
Features  • Don't need the Flash sockets anymore; • No need to use debuggers or emulators; • Lightweight green software; • CPU architecture independent. Supports CPUs based on PowerPC/ARM/MIPS architectures, also supports DSP, NP, CPLD/FPGA and other SoC; • Support multi devices in JTAG chain; • Use CPU standard JTAG port, without extra design; • NO one-line boot code needed. Run without any configuration for clock, SDRAM, etc.; • Can read Flash data even CPU hangs or Flash data is corrupt; • 10x times faster than parallel cable when programming with WH-USB-JTAG cable; 5x times faster as WH-USB-JTAG with WH-USB-HIJTAG; ¹ • Support batch programming: Automatically program different file to different address. • Easily integrated with manufacturing automation system: Run specified operations automatically and silently without clicking any button. • Calculating hash value of programming file based on multiple algorithms. Avoid writing wrong file by comparing calculated value with expected value.  Functions  • Support many vendors' Flash: numonyx, Spansion, Intel, AMD, ST, SST, EON, MXIC, etc.; • Read, Programming Flash; • Block operation (erase, lock, unlock); • Besides programming, the software can lighten LEDs to verify the JTAG function; • Read/Write other ICs: The JTAG software can read and write other ICs (e.g., CPLD, ASIC, etc.) connected to the JTAG device (usually the CPU, but other ICs are also OK), so you can debug your card without software running. It will highly enhance the debug efficiency and shorten the time to market.  Licensed Items  BSTFP;RWChip;LightenLED;EditCfgFile; CableMHUSBHIJTAG;  Tech Support 3  Help to setup 2 configuration files 5  Help to setup 4 configuration files 5  Help to setup 4 configuration files 5  Help to setup 2 configuration files 5  Help to setup 4 configuration files 5		Windows XP, Windows Vista, Windows 7				
No need to use debuggers or emulators; Lightweight green software; CPU architecture independent. Supports CPUs based on PowerPC/ARM/MIPS architectures, also supports DSP, NP, CPLD/FPGA and other SoC; Support multi devices in JTAG chain; Use CPU standard JTAG port, without extra design; NO one-line boot code needed. Run without any configuration for clock, SDRAM, etc.; Can read Flash data even CPU hangs or Flash data is corrupt; 10x times faster than parallel cable when programming with WH-USB-JTAG cable; 5x times faster as WH-USB-JTAG with WH-USB-HiJTAG; Support batch programming: Automatically program different file to different address. Easily integrated with manufacturing automation system: Run specified operations automatically and silently without clicking any button. Calculating hash value of programming file based on multiple algorithms. Avoid writing wrong file by comparing calculated value with expected value.  Functions  Support many vendors' Flash: numonyx, Spansion, Intel, AMD, ST, SST, EON, MXIC, etc.; Read, Programming Flash; Block operation (erase, lock, unlock); Besides programming, the software can lighten LEDs to verify the JTAG function; Read/Write other ICs: The JTAG software can read and write other ICs (e.g., CPLD, ASIC, etc.) connected to the JTAG device (usually the CPU, but other ICs are also OK), so you can debug your card without software running. It will highly enhance the debug efficiency and shorten the time to market.  Licensed Items  BSTFP;RWChip;LightenLED;EditCfgFile; CableLatticePP;CableXilinxPPIII;CableAlteraBB;CableAlteraBBMV;CableAlteraBBII; One year limited support 4 Help to setup 2 configuration files 5 Help to setup 4 configuration files 5 Help to setup 4 configuration files 5 Licenses Included 9 One Copy	Requirement					
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Licensed Items  BSTFP;RWChip;LightenLED;EditCfgFile; CableLatticePP;CableXilinxPPIII;CableAlteraBB;CableAlteraBBMV;CableAlteraBBII; CableWHUSBHiJTAG;  Tech Support  One year limited support  Help to setup 2 configuration files  Help to setup 4 configuration files  Licenses Included  One Copy		your card without software running. It will	highly enhance the debug efficiency and shorten			
CableLatticePP;CableXilinxPPIII;CableAlteraBB;CableAlteraBBMV;CableAlteraBBII;  CableWHUSBHiJTAG;  Tech Support  One year limited support  Help to setup 2 configuration files  Help to setup 4 configuration files  Licenses Included  One Copy		the time to market.				
CableLatticePP;CableXilinxPPIII;CableAlteraBB;CableAlteraBBMV;CableAlteraBBII;  CableWHUSBHiJTAG;  Tech Support  One year limited support  Help to setup 2 configuration files  Help to setup 4 configuration files  Licenses Included  One Copy						
CableWHUSBHiJTAG;  Tech Support  One year limited support  Help to setup 2 configuration files  Help to setup 4 configuration files  Help to setup 4 configuration files  One Copy	Licensed Items	BSTFP;RWChip;LightenLED;EditCfgFile;				
Tech Support <sup>3</sup> One year limited support <sup>4</sup> Help to setup 2 configuration files <sup>5</sup> Help to setup 4 configuration files <sup>5</sup> Licenses Included <sup>6</sup> One Copy		CableLatticePP;CableXilinxPPIII;CableAlteraBB;CableAlteraBBMV;CableAlteraBBII; 2				
Help to setup 2 configuration files <sup>5</sup> Licenses Included <sup>6</sup> One Copy  Help to setup 4 configuration files <sup>5</sup>		CableWHUSBHiJTAG;				
Help to setup 2 configuration files <sup>5</sup> Licenses Included <sup>6</sup> One Copy  Help to setup 4 configuration files <sup>5</sup>	Tech Support <sup>3</sup>	One year limited support <sup>4</sup>				
		Help to setup 2 configuration files <sup>5</sup>	Help to setup 4 configuration files <sup>5</sup>			
License Validation <sup>7</sup> One Year Never Expired	Licenses Included <sup>6</sup>	One Copy				
	License Validation <sup>7</sup>	One Year	Never Expired			

- 1: Cable not included.
- 2: A) 64-bit parallel port is not supported on 64-bit OS. B) Additional PseudoCLI feature is available.
- 3: Installation date will be the beginning date.
- 4: Methods: Telephone, Email or IM.
- 5: All required info must be provided to setup configuration files. Analysis should be paid if any info is missing. The kinds and numbers of configuration files are not limited.
- 6: One license file should be used on one computer only. Virtual machine is not supported.
- 7: Installation date will be the beginning date. Program run counter is not limited. Do not change host id and roll back system time. Never run the software when expired, otherwise hardware will be locked. "Never Expired" license may have an expiration date, and we will extend the expiration date free of charge.

<sup>\*</sup>Subjected to change without notice. Any question about this table, please contact us. 2020/4/16

## Revision History:

Date	Version	Author	Changes
2020/4/16			Add to note 2: Additional PseudoCLI feature is optional.
2017/9/7			Add to note 7: Do not change host id and roll back system time.
2016/7/9			• Add to note 7: Never run the software when expired, otherwise
			hardware will be locked.
2016/5/26			• Update note 5 with: All required info must be provided. Analysis
			should be paid if any info is missing.
2016/5/25			Add feature: Avoid writing wrong file by comparing calculated value
			with expected value.
2016/2/4			Add feature: Calculating hash value of programming file based on
			multiple algorithms.
2014/8/4			Add feature: Easily integrated with manufacturing automation
			system: Run specified operations automatically and silently without
			clicking any button.
2013/12/1			<ul> <li>Add note 'Cable not included';</li> </ul>
			<ul> <li>Original notes are re-numbered;</li> </ul>
2013/10/12			<ul> <li>Add 'Support batch programming' to Features;</li> </ul>
2013/8/16			Clarify tech support date begins with installation date;
2013/7/26			First Release