

SPI STORM

Features	
Device type	Serial protocol host adapter with USB 2.0 high speed PC interface
Supported standard protocol	3- wires SPI SPI (4- wires SPI) Dual SPI Quad SPI
Other protocols	User-definable protocol, up to 4 data lines in parallel, including protocols with bidir signals. Flexible clock generation options with preamble / postamble, interrupted clock and selectable clock idle level.
Serial port I/O resources	1x Serial clock (SCLK) Up to 4x Slave select (SS#) 1x Data out (MOSI) 1x Data in (MISO) 1x Write Enable (WE) <i>Some of these I/Os are 'multi-purpose' to support dual-, quad- and other protocols that require more data lines (up to 4 data). I/O type (in/out/bidir) depends on the chosen protocol – please refer to SPI Storm™ data sheet.</i>
GPO port I/O resources	8 general-purpose output lines (GPO) with cycle-accurate digital pattern generation. GPO port operation can be synchronized with Serial port operation.
Trigger port I/O resources	8 input lines for trigger event definition.
Clock port I/O resources	1x clock out (CKO) 1x clock in (CKI)
I/O frequency range	100 kHz to 100 MHz on internal clock.
Device embedded memory	32 MB total memory for in/out transfers.
Voltages	
<i>Power source</i>	USB-powered
<i>I/O voltage level range</i>	1.5V to 3.3V
<i>I/O default voltage level</i>	3.3V LVCMOS
<i>Other I/O voltage</i>	Must be externally supplied
Host Software	SPI Storm Studio™ MS Windows XP / MS-Windows 7 - 32-bit / 64-bit Free C DLL for integration in user environment

What's included...

- ▶ SPI Storm™ USB 2.0 Adapter
- ▶ SPI Storm Studio™ Software
- ▶ USB cable mini-B to type A
- ▶ Set of colored flying lead wires

STORM




PC INSTRUMENTS FOR TEST & DEBUG

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