



UTS7009P

USB to RS-232 HUB



■ Introduction

Sunix's UTS7009P is an USB to RS-232 hub which offers user seven serial port connections. The ports have a data transfer rate up to 115 Kbps. Users are able to connect seven serial devices through the hub to the USB port on their system. The hub supports wake on line and power management function. It has dual data buffers for upstream and downstream data flow.

■ Features

- USB1.1 full speed 12Mbps with bus power
- USB 2.0 backward Compatible
- Support Wake on line & power manager function
- Support Hot-Swapping & Plug-n-Play
- No IRQ, DMA, I/O, address resources required
- Support RS-232 Automatic handshake mode
- Dual data buffers for upatream and downatream data flow
- RS-232 Speed up to 115Kbps
- Friendly Grapgic User Interface

■ Specifications

■ Function

TYPE	Sunix USB to Serial Communication HUB
Mode of Operation	Handshaking
Bus Transceivers	RS-232 Full-Duplex
Drivers per Line	RS-422 1 Driver
Receivers per Line	RS-232 1 Receivers
	RS-232 1 Receivers

■Hardware

IC	Prolific 2303HX
Controller	SUNIX UART (16C550 compatible)
No. of Ports	7,4,2,1 ports
Connector	DB62F/DB9M/MiniBlock DC jacker
Bus Interface	Universal Serial Bus (USB)
Dimension (WxDxH)	180 x 70 x 26 mm
Power	DC power 2

■Communication

IRQ & I/O address	Assigned by BIOS
FIFO	16 byte hardware FIFO
Baud Rate	115Kbps
Data bit	5,6,7,8
Stop bit	1, 1.5, 2
Parity	even, odd, none, mark, space
Flow Control	None, Xon/Xoff, Hardware
RS-422 Singal	TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND

■Regulator approvals

Hardware	CE, FCC
Software	WHQL

■Driver support

Microsoft	Windows 9x, 2000, XP, 2003
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■Operation Environment

Operation Temperature	0°C ~ 57 °C
Operation Humidity	5 ~ 95% RH
Storage temperature	-20°C ~ 85°C

■Package content

Hardware	SunixUSB to Serial HUB Switch Adapter (Optional)
Cable	DB62M to 8/4 ports DB9M or DB25M USB MinA to B Cable
CD	Driver CD
Manual	User Manual

Optional Accessories

Item	Port	Function		FIFO	Port Type			USB Interface	Power	
		RS422/485	RS-232	Hardware	DB9M	DB25M	Mini Blok		USB	External
UTS7009P	7		•	16	•	•		2.0/1.1	•	•
UTS4009P	4		•	16	•			2.0/1.1	•	•
UTS2009P	2		•	16	•			2.0/1.1	•	
UTS1009	1		•	16	•			2.0/1.1	•	
UTS1025	1		•	16		•		2.0/1.1	•	



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