



## LPTwin

The simulation software for the parallel interface

With LPTwin you can ...

... observe and change the register contents of a parallel interface.

... send characters, character strings or control signals via the parallel interface, e.g. to the INTERFACE TRAINING BOARD from hps SystemTechnik, a printer or a simulated printer.

... observe the effect of different printer messages such as OFF-LINE, Paper Empty etc.

... display and print the handshake protocol as a timing diagram.

... simulate the handshake protocol.

Option - INTERFACE TRAINING BOARD (Type 3855):

- Training system for the serial and parallel interface
- Error simulation
- With detailed experiments manual

### System Requirements:

- Windows 3.x / 9x
- Windows NT 4.0 / 2000
- PC: 80486 / 40 MHz onwards
- Hard disk: 2 MB free
- Working memory: 4 MB
- 3.5 disk drive
- free parallel interface

**LPTwin sends characters without EOF via LPT1 to a simulated printer**

File Connection Interface Parity Mode Display ? Help

**Data register** — 278h

ASCII	A	HEX	41	DECIMAL	065		
D7	D6	D5	D4	D3	D2	D1	D0

no Parity

**Control register** — 27Ah

SELECT	RESET	AUTOFEED	STROBE
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**Status register** — 279h

BUSY	ACKNOWLED.	PAPEROUT	SELECTED	ERROR
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**Output:** A

**LPTwin sends characters without EOF via LPT1 to a simulated printer**

File Connection Interface Parity Mode Display ? Help

DATA	D0	
	D1	
	D2	
	D3	
	D4	
	D5	
	D6	
CONTROL	no Parity	
	RESET	
	STROBE	
	BUSY	
STATUS	ACKNOWLED.	
	ERROR	
	Paper-Empty	

**Output:** A

Parallel interface, clear and close-to-practice