

Line Printer Terminal (LPT)

Summary

The **Line Printer Terminal** (LPT), **Line Printer Port** or just **Parallel Port** is a simple 8bit parallel control interface.

The primary intention of this port was to use the **Centronics** printer terminals with **IBM** computers. This design is based on the original design now known as **Standard Parallel Port** (SPP) with 8 data lines, 5 status lines and 4 control lines.

Pinout

Name	DB25	Direction	Register
/Strobe	1	Input	Control
D0	2	Input	Data
D1	3	Input	Data
D2	4	Input	Data
D3	5	Input	Data
D4	6	Input	Data
D5	7	Input	Data
D6	8	Input	Data
D7	9	Input	Data
/Acknowledge	10	Output	Status
Busy	11	Output	Status
Paper Out	12	Output	Status
Select	13	Output	Status
/Auto Feed	14	Input	Control
/Error	15	Output	Status
/Initialize	16	Input	Control
/Select In	17	Input	Control
Ground	18-25	Power	

Timing Diagram

