

PIN NUMBER	SIGNAL	SIGNAL DIRECTION	FUNCTION
1	DATA STROBE -N	TO PRINTER	Samples the input data when changing from low to high.
2	DATA BIT 1	TO PRINTER	Indicates the input data. High level signal shows a 1, and low level signal shows a 0.
3	DATA BIT 2		
4	DATA BIT 3		
5	DATA BIT 4		
6	DATA BIT 5		
7	DATA BIT 6		
8	DATA BIT 7		
9	DATA BIT 8		
10	ACKNOWLEDGE -N	FROM PRINTER	At a low level, indicates that a character input is complete or that a function operation is finished. At a high level, data reception is impossible. At a low level, data reception is possible.
11	BUSY	FROM PRINTER	At a high level, indicates paper end.
12	PAPER END	FROM PRINTER	
13	BUSY -N SELECT	FROM PRINTER FROM PRINTER	Tandy mode: At a low level, data reception is impossible. At a high level, data reception is possible. IBM mode: At a high level, indicates that the printer is in select mode (data reception possible).
14	NC		Tandy mode IBM mode
16	AUTO LF -N OV		Signal ground
17	CHASSIS GROUND	FRAME GROUND	
18	+5V NC	FROM PRINTER --	Tandy Mode: +5V power supply (Max. 50 mA) IBM mode
19-30	OV		Twisted pair return (for pins #1 through 11).
31	NC	--	Tandy mode

	INPUT PRIME-N	TO PRINTER	IBM Mode:When this goes low, the printer control section is initialized. The low level period should be more than 0.5 ms.
32	FAULT-N	FROM PRINTER	This signal goes from high to low level when paper end.
33	INIT OV	TO PRINTER --	Tandy Mode IBM Mode
15,34	NC	--	Unused pine (No connection)
35	NC Pulled High	-- --	Tandy Mode IBM Mode
36	NC SLCTIN-N	-- --	Tandy Mode IBM Mode

* IBM interface mode is achieved by moving jumpers located inside the printer. See your local Radio Shack Service Center for this change.

* Parallel Interface Level

low level 0.0V ~ +0.8V
high level +2.4V ~ +5.0V

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