



# Tech Info Library

## UPIC: Interfacing the C. Itoh 8510A printer

Revised: 11/30/84  
Security: Everyone

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This is the cable configuration to connect an Apple III Universal Parallel Interface card to a C.Itoh 8510A printer.

Universal Parallel Interface		C.Itoh 8510A	
Pin	Function	Pin	Function
1	Shield Ground	17	Chassis Ground
2	Acknowledge	10	Acknowledge
3	Not used	-	Not connected
4	Not used	-	Not connected
5	Not used	-	Not connected
6	Printer in check	32	Fault
7	Not used	-	Not connected
8	Strobe out	1	Strobe in
9	Printer empty	12	Printer empty
10	Data bit 0 (LSB)	2	Data bit 0
11	Data bit 1	3	Data bit 1
12	Data bit 2	4	Data bit 2
13	Data bit 3	5	Data bit 3
14	Data bit 4	6	Data bit 4
15	Data bit 5	7	Data bit 5
16	Data bit 6	8	Data bit 6
17	Data bit 7 (MSB)	9	Data bit 7
18	Printer on-line	18	Select
19	Printer Power-on	19	+5 volt
20	Signal Ground	16	0 volt

Apple III Universal Parallel Printer driver configuration block:

ERRMASK: E8  
ERRSTAT: C8  
AUTOLF: 40  
CTRLWRD: 00  
TIMEOUT: 0A

C.Itoh 8510A Switch selection:

Switch one:

1 2 3 4 5 6 7 8

0 1 0 0 0 1 1 1

Switch two:

1 2 3 4 5 6 7 8

0 0 0 0 0 0 1 0

Apple Tech Notes

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