

F1_Pin

Information and installation

Overview :

The F1_Pin is a compact and simple system for integrating the printing of phone pins into almost any type of vending or amusement machine. It can operate in as a stand alone system or it can be integrated into an existing system and share an existing printer. It has been specifically designed to mate up with an F1_Goose voucher board and provide a seamless method to print phone pins and game output vouchers. All of the phone pin information is contained in two easy to replace 8 pin IC's. Depending on the software, the unit can hold up to either 10,000 or 25,000 10 digit phone pins.

Pin Out :

J1 Inputs

- 1 Credit Pulse In
- 2 GND
- 3 /System Enable In
- 4 GND
- 5 Spare Input (Not Used)
- 6 Status In (Not Used)

J2 Outputs

- 1 /System Enable Out
- 2 +5VDC (Not Used)
- 3 +5VDC (Not Used)
- 4 Spare Output (Not Used)

J3 Power

- 1 Ground In
- 2 Ground In (Not Used)
- 3 KEY
- 4 +5VDC In

P1 Data in from Goose-It or game PCB. Not used in stand alone mode

- 1 N/C
- 2 Serial Data In
- 3 Serial Data Out
- 4 DSR Out
- 5 Ground
- 6 DTR In
- 7 Shorted to 8
- 8 Shorted to 7
- 9 N/C

P2 Data to Printer

- 1 N/C
- 2 Serial Data Out
- 3 Serial Data In
- 4 DSR In
- 5 Ground
- 6 DTR Out
- 7 Shorted to 8
- 8 Shorted to 7
- 9 N/C

Connections :

- J1 Pin 1 Credit Pulse In - Active low pulses on this line are what cause a printout to occur. This input can be connected to a meter line and is protected to +70VDC. Usually goes to the "In Meter".
- J1 Pin 3 /System Enable In - Active low input that is used to signal that the rest of the system is OK. When used with an F1_Goose this goes to the F1_Goose enable out. If not used just connect to pin 4 (GND). Not used/ignored in stand alone mode.
- J2 Pin 1 System Enable Out - Active low open collector driver that is on if the system is powered up and there are pins to dispense. Can be used to enable/disable a DBA and so on.
- J3 Power In - Power for the PCB (+5VDC and Ground)
- P1 Data In - A DB9 connector that connects to the F1_Goose or original game PCB if it has direct drive printing. You should have been supplied with the appropriate wiring for this connector. Not used in stand alone mode.
- P2 Data Out - A DB9 connector that goes to the printer. You should have been supplied with a DB9 to 25 printer cable.



