

# Fortune Cookie Datasheet Summary

Imported China Tech, LLC

November 3, 2015



Figure 1: Professionally photographed ridiculously photogenic cookie and demo display.

Pin 1	Data Strobe
Pin 2	Data 0
Pin 3	Data 1
Pin 4	Data 2
Pin 5	Data 3
Pin 6	Data 4
Pin 7	Data 5
Pin 8	Data 6
Pin 9	Data 7
Pin 10	Acknowledge
Pin 11	Busy
Pin 12	Paper Out
Pin 13	Select
Pin 14	Auto Feed
Pin 15	Error
Pin 16	Init
Pin 17	Select Input
Pin 18-25	Ground

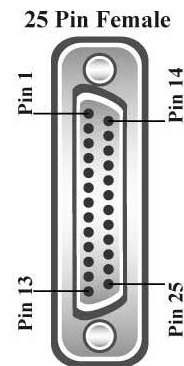


Figure 2: Standard LPT connector from the 1990s

## 1 Specification

- Built-in retina resolution thermal printer with LPT interface
- SAI audio codec
- Two pushbuttons (user and reset)
- 128-Mbit Quad-SPI Flash memory
- 128-Mbit SDRAM (64 Mbits accessible)
- USB OTG HS with Micro-AB connectors
- Ethernet connector compliant with IEEE-802.3-2002

## 2 Usage

### 2.1 Thermal Printer Interface

This fortune cookie model supports the standard LPT printing interface from the last century. The user can find low cost surplus parts in many retail environments. High speed mode supports 0.4 letters per second whereas standard mode is 0.15 letters per second. Plug in the LPT cable, fight with the receipt tape loader, and crack open the cookie to produce output. Quotes are pulled from the standard Department of Engrish and Confusion Sayings API.