

PIC18F67J94 Development Board

Buy Now

Part Number: DM183037

- Documentation & Software
- Videos

Microchip's PIC18F67J94 Development Board (Part# DM183037) is powered by a PIC18F67J94 microcontroller with on-board USB functionality and includes an MRF24J40MA 2.4GHz wireless transceiver. The development board demonstrates many of the strengths of the PIC18F97J94 product family.



The PIC18F67J94 Development Board puts you on the road to developing everything from interactive gaming to low-energy appliances. Extremely low power consumption combined with a host of peripherals make the PIC18F97J94 product family ideal for portable, battery-powered applications. The ability to direct-drive large numbers of LCD segments creates rich user interfaces at a value cost. Processing power (16 MIPS) combined with multiple interface options (SPI, UART, I2C®, USB®) allow this product family to serve as the centerpiece of your technologically innovative product.

Features

Package Contents

- Direct-drive LCD display (drives 4-common Lumex display)
- USB connectivity with built-in USB HID-based bootloader
- Battery powered with single 1.5V AA
- MCP1640 boosts 1.5V to 3.0V
- MRF24J40MA - 2.4 GHz IEEE 802.15.4 radio transceiver
- 3-axis accelerometer communicates via SPI interface
- Capacitive touch sensing button
- Low battery indication
- Multiple LED's (4 blue, 4 red)
- Demo – interactive dance game – watch video below

The PIC18F67J94 Development Board offers the following supporting collateral:

- Bill of Materials
- Schematic
- Tech Brief TB3094
- Fully editable 'C' source code for dance demo

Documentation & Software

Back To Top

| AppNotes | Last Updated | Size | |
|--|----------------------|-------|---|
| TB3094 - PIC18F67J94 Development Board | 8/28/2013 4:37:30 PM | 682KB |  |
| Documents | Last Updated | Size | |
| PIC18F67J94 Dev Board Schematic | 9/13/2013 1:22:59 PM | 24KB |  |
| PIC18F67J94 Dev Board BOM | 9/13/2013 1:27:25 PM | 10KB |  |
| PIC18F67J94 Development Board Firmware | 9/17/2013 1:49:04 PM | 341KB |  |

PIC18F67J94 Development Board Related Videos

You need to have the Adobe Flash Player to view this content.
Please click here to continue.