The LTM®9011-14 is part of a family of 14-bit, 25Msps to 125Msps octal ADCs that provide excellent AC performance and low power in a small form factor. The BGA µModule® packaging allows the integration of bypass capacitance and provides a flow-through pinout, reducing the required board area for routing data I/O lines and simplifying layout.

Features
- 8-Channel Simultaneous Sampling ADC Family
- 125Msps/105Msps/80Msps Versions
  - 140mW/113mW/94mW per Channel
- 65Msps/40Msps/25Msps Versions
  - 88mW/59mW/46mW per Channel
- 73.1dB SNR, Up to 90dB SFDR
- Single 1.8V Supply
- Serial LVDS Outputs: 1 or 2 Bits per Channel
- Selectable Input Ranges: 1VP-P to 2VP-P
- 800MHz Full-Power Bandwidth S/H
- Shutdown and Nap Modes
- Internal Bypass Capacitance, No External Components
- 140-Pin (11.25mm × 9mm) BGA Package
- Easy Evaluation Using the PScope™ Tool

LTM9011 (DC1751A)
Demo Board Layout