

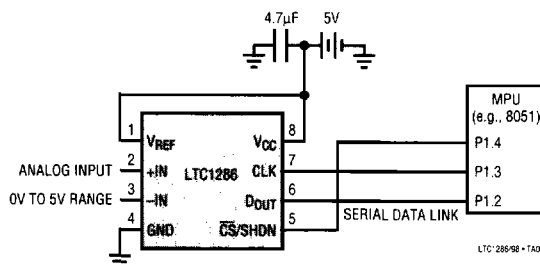
New Products

LTC1286/LTC1298: Micropower 12-Bit A/D Converters in SO-8 Packages

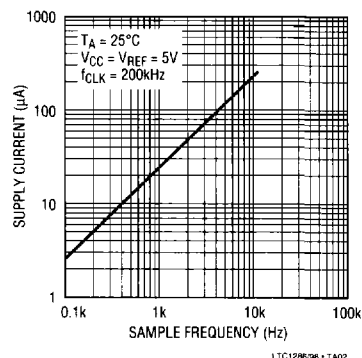
Features

- 12-Bit Resolution
- 8-Pin SO Plastic Package
- Low Cost
- Low Supply Current: 250 μ A Typ
- Auto Shutdown to 1nA Typ
- Guaranteed No Missing Codes ($\pm 3/4$ LSB Max DNL)
- Single Supply 5V to 9V Operation
- On-Chip Sample-and-Hold
- 60 μ s Conversion Time
- Sampling Rates:
12.5ksps (LTC1286)
11.1ksps (LTC1298)
- I/O Compatible with SPI, MICROWIRE, etc.
- Differential Inputs (LTC1286)
- 2-Channel MUX (LTC1298)
- 3V Versions Available: LTC1285/LTC1288

25 μ W, SO-8 Package, 12-Bit ADC Samples at 200Hz and Runs Off a 5V Supply



Supply Current vs Sample Rate



Block Diagram

