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## , 24 ADC

2005 11 28 - ( , [www.linear.com](http://www.linear.com))가  
24 No Latency Delta Sigma™ ( ) ADC( :  
LTC2442) . LTC2442 1ppm(part-per-million)  
(Unity Gain Buffer) , .  
가 , 가 .  
V<sub>CC</sub> (Rail-to-  
rail) . LTC2442  
(Channel-to-channel) , (lockup)  
가 가  
LTC2442 , 가  
, DC  
(Full-scale) DC . 6.9Hz ~ 3.5kHz  
10 (No Latency) / 가 , 220nVrms  
, 17 7kHz( 8kHz)  
/ . 4  
(Single-ended) 2 ,  
V<sub>CC</sub> .  
LTC2442 , 36 SSOP .  
가 1 7.45 .

## LTC2442

- 1ppm
- 
- 2 4
- 8kHz
- 4kHz
- / 가
  - 1.76kHz 2uV<sub>RMS</sub>
  - 50/60Hz 13.8Hz 220nV<sub>RMS</sub>
- 
- <5uV Offset (4.5V < V<sub>CC</sub> < 5.5V, -40°C ~ 85°C)
- 가 V<sub>CC</sub>
- 
- , —
- 36 SSOP

IC S&P 1981 가 1986 , 2000 ,  
 , RF , DC-DC ,  
 , ( , ),  
 , / , , ( MP3  
 ), , , , ,

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: LT, LTC



Linear Technology Corp.

, No Latency Delta Sigma