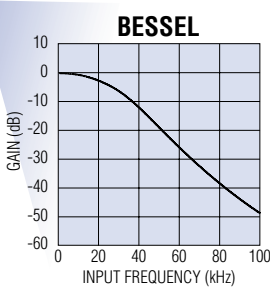
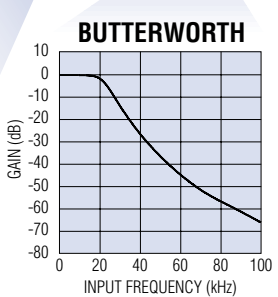
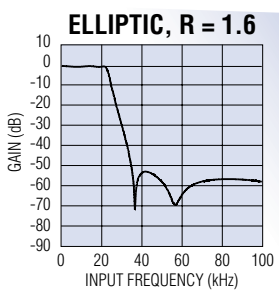
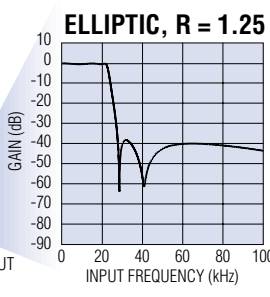
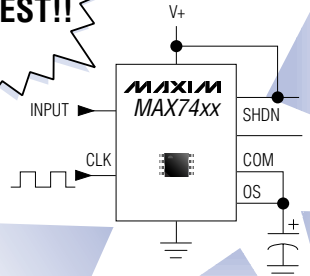


# LOWEST POWER, 40kHz, 5TH-ORDER LOWPASS FILTERS!!

**WORLD'S SMALLEST!!**



- ◆ Low THD + Noise: -80dB
- ◆ Low Output Offset: ±4mV
- ◆ High Clock-to-Corner Ratio: 100:1
- ◆ Low Current: Only 3mA!
- ◆ Internal Oscillator

Available in 8-pin  $\mu$ MAX package

Actual size 3.0mm x 5.0mm

## Choose the Ideal Maxim Lowpass Filter for Your Application!

PART	SUPPLY VOLTAGE (V)	FILTER TYPE	STOPBAND REJECTION (dB)	CUTOFF FREQUENCY* RANGE (kHz)	FILTER CHARACTERISTICS
MAX7418	+5	Elliptic 1.60	53	1 to 30	Steep rolloff
MAX7419	+5	Bessel	64	1 to 30	Linear phase response
MAX7420	+5	Butterworth	71	1 to 25	Maximally flat passband and stopband response
MAX7421	+5	Elliptic 1.25	37	1 to 30	Steepest rolloff
MAX7422	+3	Elliptic 1.60	53	1 to 45	Steep rolloff
MAX7423	+3	Bessel	64	1 to 45	Linear phase response
MAX7424	+3	Butterworth	71	1 to 40	Maximally flat passband and stopband response
MAX7425	+3	Elliptic 1.25	37	1 to 45	Steepest rolloff

\*Maximum cutoff frequency at which the peak s/(THD+N) drops to 68dB.



**FREE Filters Design Guide—Sent Within 24 Hours!**  
Includes: Reply Cards for Free Samples and Data Sheets

CALL TOLL-FREE 1-800-998-8800 for a Design Guide or Free Sample  
6:00 a.m. – 6:00 p.m. Pacific Time

**MAXIM**  
www.maxim-ic.com

2000 EDITION!  
FREE FULL-LINE DATA CATALOG  
ON CD-ROM



**NEW!** Get Price, Delivery, and Place Orders Online at [www.maxim-ic.com](http://www.maxim-ic.com)

Maxim Integrated Products, 120 San Gabriel Drive, Sunnyvale, CA 94086, (408) 737-7600, FAX (408) 737-7194.  
Distributed by Maxim Distribution, Arrow, Avnet Electronics Marketing, CAM RPC, Digi-Key, Elmo, Nu Horizons, and Zeus.  
Distributed in Canada by Arrow and Avnet Electronics Marketing.

MAXIM is a registered trademark of Maxim Integrated Products. © 2000 Maxim Integrated Products.