## **Small Instrumentation Modules**

*SIM964 — 1 MHz analog limiter* 

- Settable upper & lower limits (±10 V)
- 10 mV resolution
- 1 MHz bandwidth
- TTL outputs for limit detecting
- High slew rate





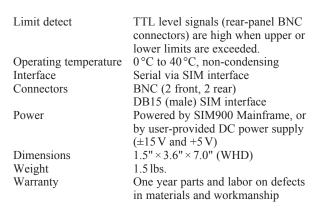
• SIM964 ... \$995 (U.S. list)

## - SIM964 Analog Limiter

The SIM964 Analog Limiter provides upper and lower voltage limits for conditioning dynamic signals. Limits are set between  $\pm 10$  V with 10 mV resolution. Two rear-panel TTL signals are activated when upper or lower limits are exceeded. The SIM964 uses SRS's clock-stopping architecture design to eliminate digital noise artifacts. The low output noise and low harmonic distortion of the SIM964 make it ideal for many applications.

## Specifications

Limit settings Resolution Bandwidth Limit type Input impedance Output noise THD Slew rate  $\pm 10 V$  (both upper and lower) 10 mV 1 MHz Soft limit (100 mV range) 1 M $\Omega$ <400  $\mu$ Vrms 0.01 % (80 dB) at 1 kHz 20 V/ $\mu$ s



## **Ordering Information**

SIM964 Programmable analog limiter



phone: (408)744-9040 www.thinkSRS.com

\$995