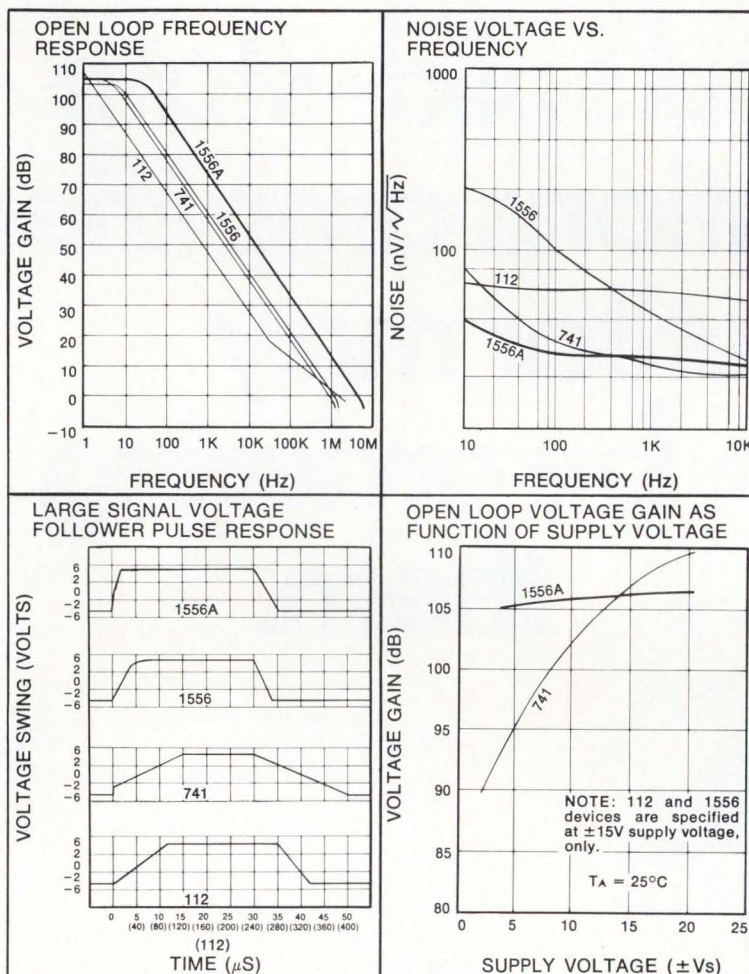


# BEYOND SUPER BETA.



## Raytheon Semiconductor introduces the new RM/RC1556A op amp — Beyond Super Beta.

The 1556A does things the standard 1556, 112, and 741 op amps can't do. The input offset voltage is improved by a factor of two — down to only 2mV maximum — so you don't have to worry about external balancing. And the offset voltage drift with temperature is only  $5\mu\text{V}/^\circ\text{C}$ .

Bandwidth is improved by a factor of four up to 4MHz — so you get 12dB more feedback between 10Hz and the closed loop bandwidth frequency. With an unbeatable slew rate of  $2\text{V}/\mu\text{s}$ .

Noise characteristics are improved by a factor of three. Typical input noise is only  $25\text{nV}/\sqrt{\text{Hz}}$  at 1kHz. So you can work with lower level signals without degradation.

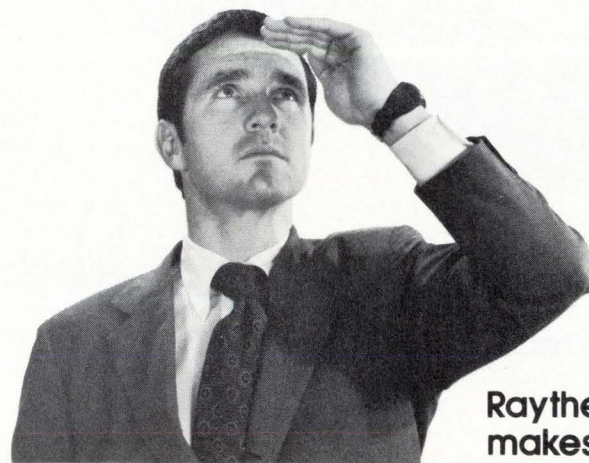
Beyond Super Beta is a new circuit designed specifically to improve performance of Super Beta op amps without sacrificing yield.

Study the comparative performance curves at the left. And then get your hands on a 1556A and try it yourself. That's the only way you'll ever really know just how far beyond Beyond Super Beta is.

Contact your nearest Raytheon Semiconductor sales office, representative, or franchised distributor. Or stop by Raytheon Semiconductor, 350 Ellis Street, Mountain View, Calif. 94040. (415) 968-9211.

**RAYTHEON**

Circle 39 on reader service card



**Raytheon Semiconductor makes tough linears.**