

# LOG COMPONENTS

SDLVA's, ERDLVA's, DLVA's and Log IF's  
with and without Limited RF Output

## KEY SPECIFICATIONS:

- Frequency: 500 MHz to 40.0 GHz
- Dynamic Range: Up to 80 dB
- T.S.S.: Down to -80 dBm
- Rise Time: 10 ns
- Recovery Time: 50 ns (90% - 10%)
- Log Linearity:  $\pm 0.5$  dB
- Absolute Accuracy:  $\pm 1.5$  dB
- Temperature Range:  $-54^{\circ}\text{C}$  to  $+95^{\circ}\text{C}$
- Limited Output Power: +10 dBm Min.
- Harmonics: -9 dBc Max.

