



Figure 18 This rms-amplitude level-control circuit uses the gain-control loop of Figure 15. The amplifiers IC₁, IC₂, and IC₃ provide a variable-gain capability to the input section. The rms converter, IC₆, feeds back to the gain-control amplifier, IC₅, which closes the amplitude-stabilization loop. The variable-reference voltage permits a settable calibrated rms output that is amplitude-independent of the input waveshape.