

MIC4608

DESCRIPTION

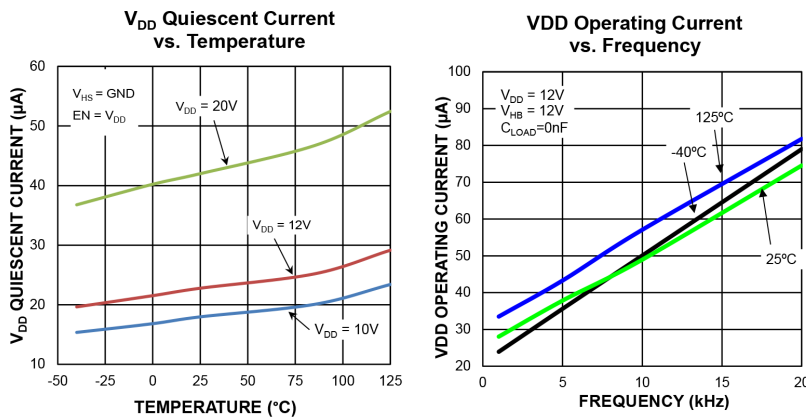
The MIC4608 is a 600V half-bridge IGBT or MOSFET driver. The MIC4608 features a 450ns propagation delay including a 200ns input filtering time to prevent unwanted pulses. The low-side and high-side gate drivers are independently controlled (with shoot thru protection) or controlled with a single PWM signal. The MIC4608 has TTL input thresholds.

The robust operation of the MIC4608 ensures that the outputs are not affected by supply glitches, HS ringing below ground, or HS slewing with high-speed voltage transitions. Undervoltage protection is provided on both the low-side and high-side drivers.

The MIC4608 is available in a 14-pin SOIC package. The MIC4608 has an operating junction temperature range of -40°C to $+125^{\circ}\text{C}$.

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OPERATING PERFORMANCE



ORDERING INFORMATION

Part	Input	Junction Temperature Range	Package
MIC4608YM	TTL	-40°C to $+125^{\circ}\text{C}$	14-Pin SOIC



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