

## Divide-by-8 Prescaler for DC - 12.0 GHz

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## Divide-by-8 Prescaler for DC - 12.0 GHz



Hittite Microwave introduces a low noise, Divide-by-8 Static Prescaler with InGaP GaAs HBT technology in an 8 lead surface mount plastic package. The HMC363S8G features a wide operating input window and low additive SSB phase noise of -153 dBc/Hz at 100 kHz offset. This device operates from DC (with a square wave input) to 12 GHz input frequency with a single +5.0 V DC supply. The HMC363S8G is ideal for Microwave Radio, Fiber Optic, and VSAT low phase noise PLL circuitry applications.

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