

Power Amplifier for GSM/GPRS



The model MMM5062 PA module uses the HIIPA (high impedance integrate power amplifier) packaging technique to provide a 50 ohm solution without the need for additional external components. The wideband matching advantage brought by the HIIPA technique provides a flexible PA solution that is able to adapt to GSM/GPRS application requirements. In full quad band applications, the typical performance for the low frequency band (824 - 915 MHz), is an output power of 35.2 dBm and a power added efficiency of 53%, with an input power of +15 dBm. The typical performance for the high band (1710 to 1910 MHz), is an output power of 33.8 dBm and a power added efficiency of 44%, with an input power of +2 dBm.

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<http://www.wirelessdesignmag.com/product-releases/2002/07/power-amplifier-gsm/gprs>