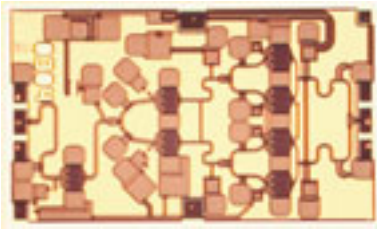


## Millimeter Wave ICs



M/A-COM introduces three millimeter wave power amplifiers for radar, satellite and point-to-point communications. The products offer Ka-band operation from 31.5 to 36.0 GHz range and Ku-band operation from 15.5 to 18.0 GHz. The MAAPGM0046-DIE, MAAPGM0012-DIE, and MAAPGM0013-DIE are 3-stage power amplifiers matched to 50 ohms on both the input and output ports. These products can be used as a power amplifier stage or as a driver stage in high power applications. The MAAPGM0046-DIE is a 400 mW Ku-band power amplifier operating in the 15.5 to 18.0 GHz frequency range for primary use in point-to-point and Ku satellite communications. Variable drain voltage for the product is 4 to 10 V. The MAAPGM0012-DIE is a 50 mW Ka-Band amplifier operating in the 31.5 to 36.0 GHz frequency range for primary use in radar and satellite communications applications. This product operates from a single supply voltage - variable from 4 to 6 V. The MAAPGM0013-DIE is a 200mW Ka-Band amplifier operating in the 32.0 to 36.0 GHz frequency range for primary use in radar and satellite communications applications. Variable drain voltage for the product is 5 to 6 V.

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