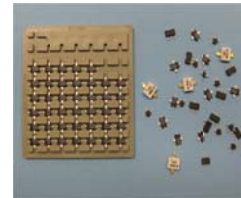




RF Transistors

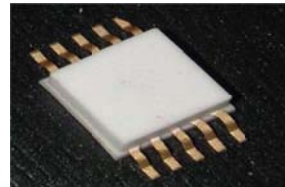
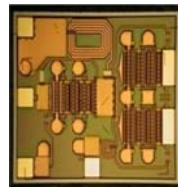
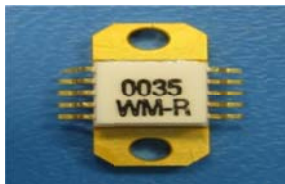
Application :

Handling and Mounting of Packaged FET
Amplifier Design Example



MMICs

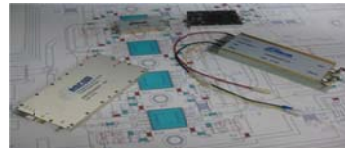
We provide MMICs upto 14.5GHZ frequency with efficiency upto 40%.



Application:

Handling & mounting - BM Package Assembly on PC Board. This application note describes the use and handling of AMCOM's MMIC power amplifiers in BM package. The MMIC chips are housed in a 10-pin low cost surface mountable, ceramic package (BM). The packaged MMIC can be handled by standard pick and place equipment. Figure 1 at right is the photograph of the BM package

Hybrid Modules



HiFET Transistors

Application:

Handling and mounting of BI packaged high voltage GaAs FET

Passive Components

- Variable Phase Shifters
- Variable Attenuators
- Filters

Custom Design of Hybrid Circuits:

- Output power from a few watts to hundreds of watts.
- Frequencies from 1MHz - 10GHz.
- With RF and DC connectors, which are ready to be inserted into your system.
- Module, SMT, or drop-in carrier package.
- Including single DC voltage biasing, voltage regulation, temperature compensation, RF signal detection, self-protection circuitry, etc.
- Our engineers' design experience includes over 100 successfully developed power modules.
- Custom designed module provides form - function fit to your existing product.

Custom Design of MMIC Circuits:

- Power amplifiers, Low Noise Amplifiers, Phase Shifters, Attenuators, Up-converters, Down-converters, and Switches.
- Smart compact *design* in ceramic or plastic packages.
- Frequencies up to 40GHz.
- Our design team has successfully developed over 50 MMIC circuits

