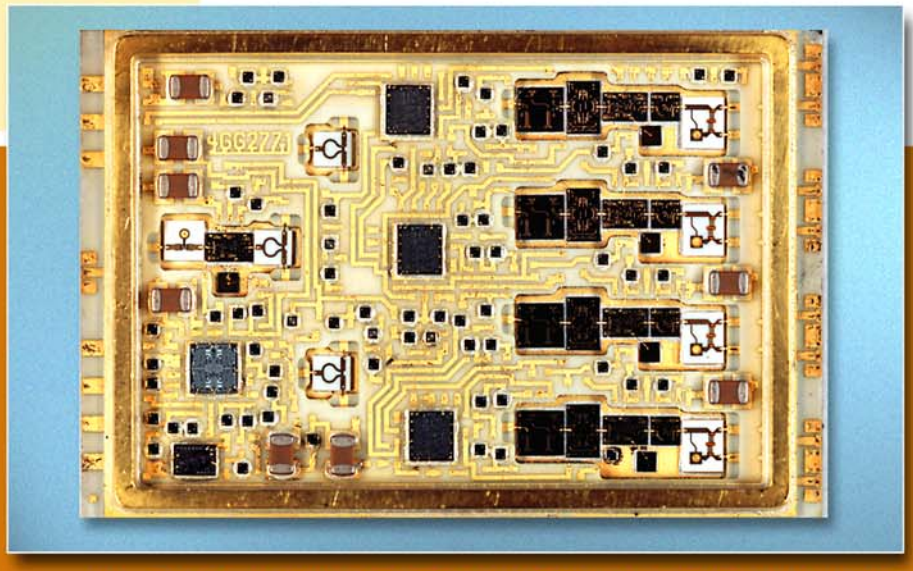
RF/Microwave Amplifier Products



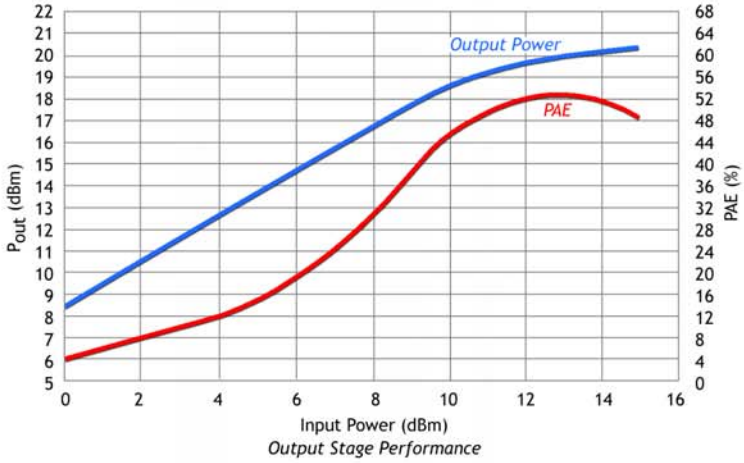
Ka-BAND SOLID STATE POWER AMPLIFIER MODULE

FEATURES:

- DESIGNED FOR HIGH POWER ADDED EFFICIENCY
- EMPLOYS EDO CUSTOM MMIC DESIGN CAPABILITY
- CUSTOM LTCC-M HERMETIC PACKAGE DESIGN CAPABILITY
- ON-BOARD ANALOG AND DIGITAL CONTROL FUNCTIONS
- FULLY TEMPERATURE COMPENSATED
- HIGHLY AUTOMATED ASSEMBLY AND TEST
- OTHER CUSTOM MMIC AND MCM PACKAGES DESIGNS AVAILABLE

TYPICAL PERFORMANCE:

• Frequency Range	25.25 - 27.50 GHz
• Output Power (T = +65° C)	+13.8 dBm Per Phase
• Phase Error	6° rms
• Port VSWR	1.5:1
• Nominal Gain (T = +65° C)	18.3 dBc
• ΔG/ΔT	-0.03 dB/°C
• PA Efficiency (T = +65° C)	23.5%
• Size	1.48 x 0.980 x 0.120 inches
• Weight	9.9 gms



Output Stage Performance

1302-189

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