

GaAs MMIC POWER AMPLIFIER, 6-18GHz

Simulated Electrical Parameters

Parameters	Conditions	Typ	Units
Small Signal Gain	6 - 18GHz	24	dB
Gain Flatness	6 - 18GHz	±0.5	dB
Input Return Loss	6 – 18GHz	10	dB
Output Return Loss	6 – 18GHz	10	dB
Saturated Output Power	6 – 18GHz	34	dBm
Power Added Efficiency (PAE)	6 – 18GHz	20	%
Total circuit current		3	A
Supply Voltage; Vdd		9	V
Gate Voltage; Vgg		-0.3	V

Die size: 6mm x 4mm

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