


## RF Amp Single Cascadable Amp 4.5GHz 7V 4-Pin TO-8

<b>Manufacturer:</b>	<a href="#">MACOM Technology Solutions</a>
<b>Package/Case:</b>	TO-8
<b>Product Type:</b>	Amplifier ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

The A4011 microwave amplifier is a discrete hybrid design, which uses thin film manufacturing processes for accurate performance and high reliability. This single stage PHEMT feedback amplifier design displays impressive performance characteristics over a broadband frequency range. Both TO-8 and Surface Mount packages are hermetically sealed, and MIL-STD-883 environmental screening is available.

### Key Features

Low Noise Figure: 2.0 dB (Typ.)

PHEMT Amplifier

High Efficiency: 65 mA (Typ.) @ +5 Vdc

Medium Output Power: +18.3 dBm (Typ.)

Aerospace and Defense

ISM

### Application

NF: 2 dB

Bias Voltage: 5 V

Gain: 15.5 dB

Output P1dB: 18 dBm

OIP3: 29 dBm

Bias Current: 65 mA

Min Frequency: 1,000 MHz

Max Frequency: 4,000 MHz

### Recommended For You

**MA4SW210B-1**

MACOM Technology Solutions

SMD

**MA4SW410**

MACOM Technology Solutions

SMD

**MA4SW110**

MACOM Technology Solutions

SMD

**MA4SW410B-1**

MACOM Technology Solutions

SMD

**MA4BN1840-1**

MACOM Technology Solutions

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**MA4BN1840-2**

MACOM Technology Solutions

nul

**MA4HYB900-1292T**

MACOM Technology Solutions

BGA

**MA4SW310B-1**

MACOM Technology Solutions

IC

**MA4VAT2000-1277T**

MACOM Technology Solutions

BGA

**MA4IQP900H-1291T**

MACOM Technology Solutions

BGA

**MA4SW510B-1**

MACOM Technology Solutions

smddip

**SMA4011**

MACOM Technology Solutions

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**M4TH**

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TO-8

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**AT-283-PIN**

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