


## Trans RF BJT NPN 30V 16A 8-Pin Case 744A-01

<b>Manufacturer:</b>	<a href="#">MACOM Technology Solutions</a>
<b>Package/Case:</b>	TO-57-8
<b>Product Type:</b>	Thyristors
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

Designed primarily for wideband large-signal output and driver amplifier stages in the 30 to 500 MHz frequency range.

### Key Features

Specified 28 V, 400 MHz characteristics: Output Power = 125 W, Typical Gain = 10 dB, Efficiency = 55% (Typ.)

Gold Metallization System for High Reliability

Push-Pull Configuration Reduces Even Numbered Harmonics

Built-Input Impedance Matching Networks for Broadband Operations

100% Tested for Load Mismatch

Aerospace and Defense

ISM

### Application

Min Frequency: 100 MHz

Max Frequency: 400 MHz

Pout: 125 W

Gain: 10 dB

Efficiency: 55 %

Bias Voltage: 28 V



### Recommended For You

**MRF136Y**

MACOM Technology Solutions

TO-59

**MRF141G**

MACOM Technology Solutions

TO-59

**MRF448**

MACOM Technology Solutions

TO-59

**MRF136**

MACOM Technology Solutions

TO-59

**MRF175GV**

MACOM Technology Solutions

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**MRF327**

MACOM Technology Solutions

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**MRF157**

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