


Trans RF BJT NPN 17V 0.2A 4-Pin Case 244A-01

Manufacturer:	MACOM Technology Solutions
Package/Case:	TO-59
Product Type:	Thyristors
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

Designed for use in high-gain, low-noise, ultra-linear, tuned and wideband amplifiers. Ideal for use in CATV, MATV, and instrumentation applications.

Key Features

Low Noise Figure: $NF = 3.0 \text{ dB (typ.) @ } f = 500 \text{ MHz, } IC = 90 \text{ mA}$

Low Intermodulation Distortion: $TB3 = -70 \text{ dB, } DIN = 125 \text{ dB } \mu\text{V}$

High Power Gain: $GU(\text{max}) = 16.5 \text{ dB (typ.) @ } f = 500 \text{ MHz}$

All Gold Metal System

Ion Implanted

High f_T — 5.5 GHz

Nichrome Emitter Ballast Resistors

Aerospace and Defense

ISM

Application

Min Frequency: 100 MHz

Max Frequency: 500 MHz

Pout: 0.17 W

Gain: 11 dB

Efficiency: 12 %

Bias Voltage: 15 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

TO-59

MRF327

MACOM Technology Solutions

TO-59

MRF392

MACOM Technology Solutions

TO-57-8

MRF157

MACOM Technology Solutions

TO-59

MRF137

MACOM Technology Solutions

TO-59

MRF421

MACOM Technology Solutions

TO-59

MRF177

MACOM Technology Solutions

TO-57-8

MRF422

MACOM Technology Solutions

TO-59

MRF174

MACOM Technology Solutions

TO-59

MRF151

MACOM Technology Solutions

TO-59

MRF317

MACOM Technology Solutions

SMD