


Trans RF BJT NPN 35V 12A 4-Pin Case 316-01

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



Images are for reference only

[Inquiry](#)

General Description

Designed primarily for wideband large-signal output amplifier stages in 30–200 MHz frequency range.

Key Features

Guaranteed Performance at 150 MHz, 28 Vdc: Output Power = 100 W, Minimum Gain = 9.0 dB

Gold Metallization System for High Reliability Applications

100% Test for Load at all Phase Angles with 30:1 VSWR

Built-in matching network for broadband operation

Guaranteed Performance in Broadband Test Fixture

Peak AM Amplifier Service

High Output Saturation Power — Ideally Suited for 30 W Carrier/120 W

Aerospace and Defense

ISM

Application

Gain: 9 dB

Bias Voltage: 28 V

Min Frequency: 30 MHz

Efficiency: 55 %

Pout: 100 W

Max Frequency: 200 MHz



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

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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

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MRF421

MACOM Technology Solutions

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MRF422

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