
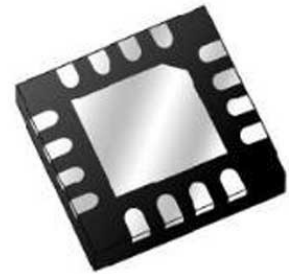


RF Switch SPDT 50MHz to 6GHz 33dB 16-Pin PQFN EP T/R

Manufacturer:	MACOM Technology Solutions
Package/Case:	QFN-16
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The MASW-000936 is a SPDT high power, broadband, high linearity, PIN diode T/R switch for 0.05 – 6.0 GHz applications, including WiMAX & WiFi. The device is provided in an industry standard lead free 4mm PQFN plastic package. This device incorporates PIN diode die fabricated with MACOM's Low Loss, High Isolation Switching Diode processes.

Key Features

- Exceptional Broadband Performance
- RoHS* Compliant
- 260°C Reflow Compatible
- Surface Mount 4mm PQFN Package
- Suitable for High Power LTE, TD-SCDMA, WiMAX, and Military Radio Applications
- High TX RF Input Power = 120 W C.W. @ 2.0 GHz, 85°C
- High Isolation: Rx = 50 dB @ 2.7 GHz
- Low Insertion Loss: TX = 0.20 dB @ 2.7 GHz
- Wireless Networking and Communication

Application

- Min Frequency: 50 MHz
- Max Frequency: 6,000 MHz
- Insertion Loss : 0.2 dB
- Isolation: 50 dB
- IIP3: 72 dBm
- CW Incident Power: 120 W

Recommended For You

MASW-007107-TR3000

MACOM Technology Solutions
PDFN-8

MAAD-007086-000100

MACOM Technology Solutions
SOP24

MAAD-000523-TR1000

MACOM Technology Solutions
QFN

MATI0030

MACOM Technology Solutions

SMD

MAATSS0017

MACOM Technology Solutions

SSOP16

MAAVSS0007TR

MACOM Technology Solutions

SOP-8

MATI0010

MACOM Technology Solutions

TSSOP

MAATSS0015

MACOM Technology Solutions

SOP16

MATI0020

MACOM Technology Solutions

SOP16

MASW-000834-13560T

MACOM Technology Solutions

QFN

MASW-007921-TR3000

MACOM Technology Solutions

PDFN8

MA4SW210B-1

MACOM Technology Solutions

SMD

MA4SW410

MACOM Technology Solutions

SMD

MAAVSS0008

MACOM Technology Solutions

SOP8

MAATCC0007

MACOM Technology Solutions

SOP