
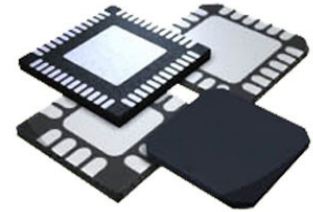


RF Switch SPDT 0MHz to 20GHz 39dB 24-Pin PQFN EP T/R

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



Images are for reference only

[Inquiry](#)

General Description

The MASW-008322 is a versatile, broadband, highisolation SPDT switch offered in a lead-free 4 mm24-lead PQFN surface mount plastic package. Thedesign incorporates both series and shunt circuitelements with the locations optimized to achieveoutstanding broadband performance to 20 GHz. The combination of broadband performance alongwith very fast switching and excellent settling timemake this device ideal for many applications,including Test & Measurement, EW and broadbandcommunication systems. The MASW-008322 is fabricated using MACOM’s mature 0.5um Low Gate-Lag pHEMT process. This robust process features full surface passivation for a high performance and highreliability.

Key Features

- Very Broadband Performance
- RoHS* Compliant
- 260°C Reflow Compatible
- Halogen-Free “Green” Mold Compound
- Lead-Free 4 mm 24-Lead PQFN Package
- Ultra Low DC Power Consumption
- Reflective Configuration
- Fast Switching Speed
- High Isolation: 40 dB Typical @ 20 GHz
- Low Insertion Loss: 1.9 dB Typical @ 20 GHz
- Aerospace and Defense
- ISM

Application

- Min Frequency: 500 MHz
- Max Frequency: 20,000 MHz
- Insertion Loss : 1 dB
- Isolation: 45 dB
- IIP3: 48 dBm

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

MAT10030

MACOM Technology Solutions

SMD

MAATSS0017

MACOM Technology Solutions

SSOP16

MAAVSS0007TR

MACOM Technology Solutions

SOP-8

MAT10010

MACOM Technology Solutions

TSSOP

MAATSS0015

MACOM Technology Solutions

SOP16

MAT10020

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