
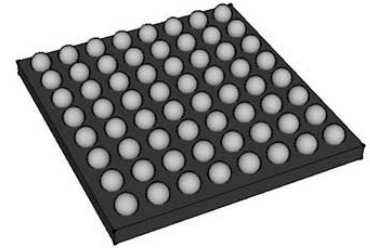


## RF Switch SPDT 0MHz to 20GHz 40dB Die

<b>Manufacturer:</b>	<a href="#">MACOM Technology Solutions</a>
<b>Package/Case:</b>	BGA
<b>Product Type:</b>	Switches
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

MACOM's MASW20000 is a versatile, highisolation SPDT switch. Designed on MACOM's mature 1-micron MESFET process, this parts is ideal for modules or other packaging for use in the Cellular, GPS, LAN and infrastructure markets. Demonstrating performance up to 20 GHz, the MASW20000 will perform well in many types of applications within that range.

### Key Features

- Very Broadband Performance
- Via Hole Grounding
- Reflective Configuration
- Fast Switching Speed: 2 ns Typical
- High Isolation: 50 dB Typical @ 18 GHz
- Low Insertion Loss: 1.75 dB Typical @ 18 GHz
- Ultra Low DC Power Consumption
- Aerospace and Defense
- ISM

### Application

- Min Frequency: 50 MHz
- Max Frequency: 20,000 MHz
- Insertion Loss : 1.4 dB
- Isolation: 58 dB
- IIP3: 43 dBm
- IP1dB: 25 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

**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