
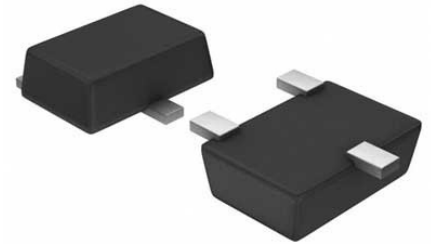


## Voltage Controlled Attenuator 39dB 4000MHz 4-Pin SMD

<b>Manufacturer:</b>	<a href="#">MACOM Technology Solutions</a>
<b>Package/Case:</b>	SOT-23
<b>Product Type:</b>	RF Integrated Circuits
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

The SMG40 attenuator is a discrete hybrid design, which uses thin film manufacturing processes for accurate performance and high reliability. This design uses three pin diodes to provide a non linear attenuation response across a broadband frequency range. Both TO-8 and Surface Mount packages are hermetically sealed, and MIL-STD-883 environmental screening is available.

### Key Features

- Wide Band Performance
- Fast Switching: < 0.5 μsec, 10 to 90% (Typ.) < 2 μsec, 0 to 100% (TYP.)
- High Dynamic Range: 30 dB to 3000 MHz (Typ.)
- Excellent Insertion Loss: < 3.0 dB (Typ.)
- Aerospace and Defense
- ISM

### Application

- Min Frequency: 500 MHz
- Max Frequency: 4,000 MHz
- Insertion Loss: 2.5 dB
- Attenuator Range: 32 dB
- Switching 10 - 90%: 0.5 us
- Switching 90 - 100%: 2 us

### Recommended For You

#### SMG30

MACOM Technology Solutions  
SOT-23

#### SMA75

MACOM Technology Solutions  
SMADO-214AC

#### CSM2-17

MACOM Technology Solutions  
BGA

**SMA70-3**

MACOM Technology Solutions

BGA

**CSM4TI17**

MACOM Technology Solutions

BGA

**SMA77**

MACOM Technology Solutions

BGA

**MSPD2018-E50SM**

MACOM Technology Solutions

BGA

**SM4TH**

MACOM Technology Solutions

BGA

**MSPD1002-E50SM**

MACOM Technology Solutions

BGA

**SM5TI7**

MACOM Technology Solutions

BGA

**SML42**

MACOM Technology Solutions

BGA

**CSM5T**

MACOM Technology Solutions

SurfaceMount

**SMA70-2**

MACOM Technology Solutions

DIP

**AT-357 SMA**

MACOM Technology Solutions

BGA

**SM6EH**

MACOM Technology Solutions

BGA