
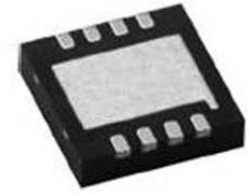


RF Switch SPDT 0MHz to 7GHz 21dB 8-Pin PDFN EP T/R

Manufacturer:	MACOM Technology Solutions
Package/Case:	PDFN8
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

MACOM's MASW-007921 is a broadband GaAs pHEMT MMIC SPDT switch available in a lead-free 2 mm 8-lead PDFN package. The MASW-007921 is ideally suited for applications where very small size and high linearity are required. Typical applications include WiMAX, WLAN, Mesh networks, fixed wireless access, and other higher power systems. This switch has a very high initial compression point, ideal for complex modulations such as OFDM, with large peak average power levels. The MASW-007921 is fabricated using a 0.5 micron gate length GaAs pHEMT process. The process features full passivation for performance and reliability.

Key Features

- Ideal for High Power SPDT Switch Applications including WiMAX, WLAN, Mesh Networks, and Fixed Wireless Access
- RoHS* Compliant
- Asymmetrical Design for Optimized Performance
- Halogen-Free "Green" Mold Compound
- 100% Matte Tin Plating over Copper
- Lead-Free 2 mm 8-Lead PDFN Package
- Fast Settling for Low Gate Lag requirements
- High P0.1dB Compression: 40 dBm @ 3V, 3.5 GHz, RFC to TX
- Low Insertion Loss: 0.65 dB @ 3.5 GHz, RFC to TX 0.70 dB @ 3.5 GHz, RCF to RX
- Broadband Performance: DC - 7.0 GHz
- 260°C Reflow Compatible
- ISM
- Wireless Networking and Communication

Application

- Min Frequency: 50 MHz
- Max Frequency: 7,000 MHz
- Insertion Loss : 0.7 dB
- Isolation: 30 dB
- IIP3: 58 dBm
- IP0.1 dB: 40 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

MA4SW210B-1

MACOM Technology Solutions

SMD

MA4SW410

MACOM Technology Solutions

SMD

MAAVSS0008

MACOM Technology Solutions

SOP8

MAATCC0007

MACOM Technology Solutions

SOP

MAAL-011130-TR3000

MACOM Technology Solutions

PDFN-8