


Single Driver for GaAs FET Switches and Attenuators

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|----------------------|--|
| Manufacturer: | MACOM Technology Solutions |
| Package/Case: | SOP16 |
| Product Type: | Logic ICs |
| RoHS: | RoHS Compliant/Lead free  |
| Lifecycle: | Active |



Images are for reference only

[Inquiry](#)

General Description

MACOM's MADRCC0004 is a Quad channel driver used to translate TTL control inputs into gate voltages for GaAs FET microwave switches and attenuators. High speed analog CMOS technology is utilized to achieve low power dissipation at moderate to high speeds, encompassing most microwave switching applications.

Key Features

- High Speed CMOS Technology
- RoHS* Compliant Version of DR65-0001
- 260°C Reflow Compatible
- Halogen-Free “Green” Mold Compound
- 100% Matte Tin Plating over Copper
- Lead-Free SOIC-16 Package
- Tape and Reel Packaging Available
- Plastic SOIC Package for SMT Applications
- Low Power Dissipation
- Positive Voltage Control
- Complementary Outputs
- Aerospace and Defense
- ISM

Application

- V_{CC}: 5 V
- V_{EE}: -5 V
- I_{SOURCE}: 1 mA
- I_{SINK}: 1 mA
- Propagation Delay: 50 ns
- Rise/Fall Time: 25 ns

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

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SOP