



EVAL BGS13S4N9

Overview

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Description:

The BGS13S4N9 RF MOS switch is specifically designed for cell phone and mobile applications. Any of the 3 ports can be used as termination of the diversity antenna handling up to 30 dBm. This SP3T offers low insertion loss and high robustness against interferer signals at the antenna port and low harmonic generation in termination mode. The on-chip controller integrates CMOS logic and level shifters, driven by control inputs from 1.35 V to VDD.

No decoupling capacitors are required in typical applications as long as no DC is applied to any RF port.

Summary of Features:

- 3 high-linearity TRx paths with power handling capability of up to 30 dBm
- Low insertion loss
- Low harmonic generation
- High port-to-port-isolation
- Suitable for Edge / CDMA2000 / LTE / WCDMA applications
- 0.1 to 3.0 GHz coverage
- No decoupling capacitors required if no DC applied on RF lines
- On-chip control logic including ESD protection
- General Purpose Input-Output (GPIO) Interface
- Small form factor 1.1mm x 1.1mm x 0.375mm
- No power supply blocking required
- High EMI robustness
- RoHS and WEEE compliant package

Parametrics

Parametrics	EVAL BGS13S4N9
Configuration	BGS13S4N9
Family	RF Switches
Frequency	0.1 - 3.0

Order

Sales Product Name	EVAL BGS13S4N9
OPN	EVALBGS13S4N9TOB01
Product Status	on request
Package name	
Order online	
Completely lead free	
Halogen free	
RoHS compliant	no
Packing Size	1
Packing Type	CONTAINER
Moisture Level	
Moisture Packing	NON DRY

Support

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You will receive a confirmation E-mail to validate your address in our system. Any attached file to the reply which will help to support your inquiry is highly appreciated.

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Last Name*

E-Mail*

Phone

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Company website (URL)

Industry*

Other Industry

Country / Territory*

Preferred Distributor / Reseller*

Other Distributor / Reseller

Product Name*


Estimated annual production volume (pieces) per year*

Please post your technical question as detailed as possible*

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