



Overview
Parametrics
Diagrams
Documents
Order
Boards
Software
Videos
Packaging
Quality
Support

BGSF1717MN26 BOARD

Description:

BGSF1717MN26 is a double Pole Fourteen Throw (DP14T / SP7T+SP7T) Antenna Switch Module (ASM) optimized for wireless applications up to 2.7 GHz. It is a perfect solution for multi-mode handsets based on quadband GSM, WCDMA, LTE and ideal for carrier aggregation solutions. TRX10 was designed to achieve ultra high linearity.

The module comes in a miniature TSNP package and comprises of two high power SP7T switches with integrated MIPI RFFE interface and harmonic filters for GSM high and low band transmit paths. The on-chip MIPI RFFE interface supports both 1.2 V and 1.8 V supply voltages.

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

Evaluation board consists of BGSF1717MN26, SMA-connectors for RF-ports and DC-connector for power supply and control I/F (connect to our separate RF-switch controller board).

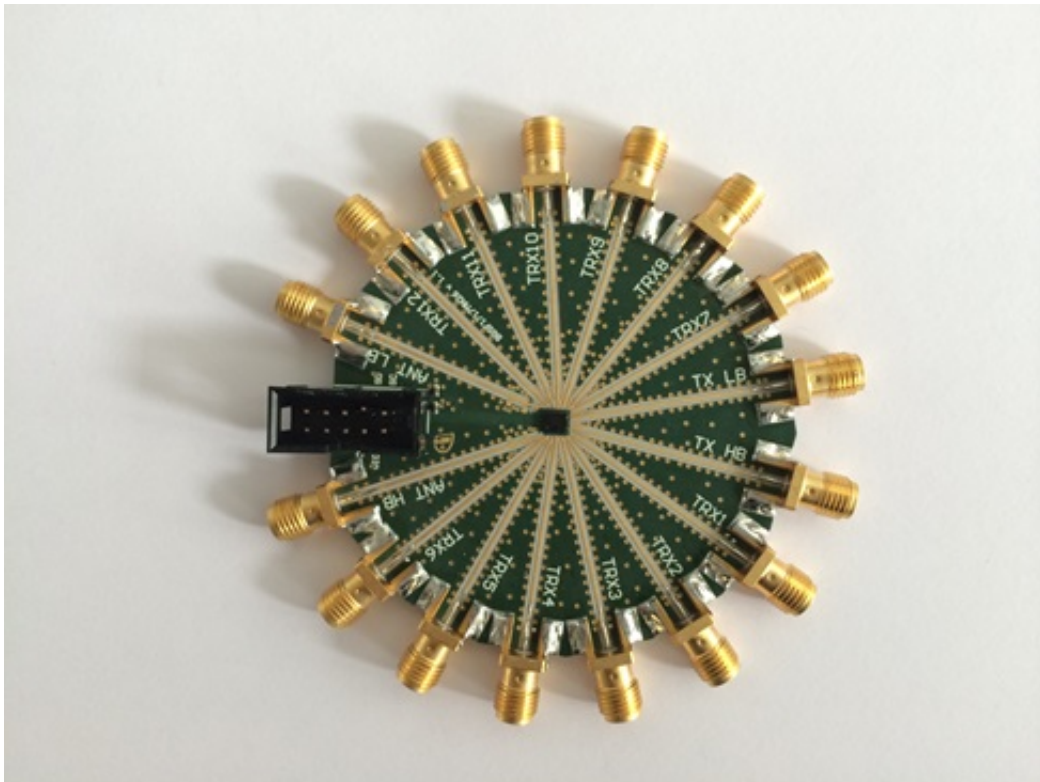
Summary of Features:

- Suitable for multi-mode GSM / EDGE / C2K / WCDMA / LTE

applications

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- 0.1 to 3.8 GHz coverage
- Ultra-low insertion loss and harmonics generation
- Integrated GSM transmit filters
- 2 high-linearity GSM TX paths
- 8 high-linearity, interchangeable WCDMA TRX ports
- 2 TRX ports also function as high-linearity GSM RX ports
- High port-to-port isolation
- Integrated GPIO decoder supporting logic levels from 1.35 V to 3.1 V
- No decoupling DC capacitors required, if no DC applied on RF lines
- Small form factor 3.4 mm x 2.6 mm x 0.73 mm



Solution Finder

- MOSFET
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电压

Select V_{DS} [V]

I_D (max) ≥

5

 A

R_{DS(on)} <

500

 mΩ

[重置](#)

寻找

BGSF1717MN26 BOARD

Parametric	BGSF1717MN26 BOARD
Switch Type	SP7T+SP7T
Control Interface	MIPI RFFE
Frequency Range	0.1-2.7
P _{max} max	36.0dBm
Insertion Loss (@1GHz)	0.5dB
Isolation (@1GHz)	47.0dB
Supply Voltage	2.4 - 5.5

BGSF1717MN26 BOARD

Sales Product Name	BGSF1717MN26 BOARD
OPN	BGSF1717MN26BOARDTOBO1
Product Status	on request
Order online	
Package Name	---
Completely lead free	
Halogen free	

RoHS compliant	no
Packing Size	
Packing Type	

BGSF1717MN26 BOARD

Evaluation Boards

Board	Family	Description	Status
➤ BGS110MN20 BOARD	RF Switch (for GPS/Mobile)	• BGS110MN20	on request
➤ BGS12AL7-4 BOARD	RF Switch (for GPS/Mobile)	• BGS12AL7-4	on request
➤ BGS12AL7-6 BOARD	RF Switch (for GPS/Mobile)	• BGS12AL7-6	on request
➤ BGS12PL6 BOARD	RF Switch (for GPS/Mobile)	• BGS12PL6	on request
➤ BGS12SN6 BOARD	RF Switch (for GPS/Mobile)	• BGS12SN6	on request
➤ BGS14A BOARD	RF Switch (for GPS/Mobile)	• BGS14A	on request
➤ BGS15AN16 BOARD	RF Switch (for GPS/Mobile)	• BGS15AN16	on request
➤ BGS16MN14 BOARD	RF Switch (for GPS/Mobile)	• BGS16MN14	on request
➤ BGS18MN14 BOARD	RF Switch (for GPS/Mobile)	• BGS18MN14	on request
➤ BGS22W2L10 BOARD	RF Switch (for GPS/Mobile)	• BGS22W2L10	on request
➤ BGS22WL10 BOARD	RF Switch (for GPS/Mobile)	• BGS22WL10	on request
➤ BGSA12GN10 BOARD	RF Switch (for GPS/Mobile)	• BGSA12GN10	on request
➤ BGSA13GN10 BOARD	RF Switch (for GPS/Mobile)	• BGSA13GN10	on request
➤ BGSA14GN10 BOARD	RF Switch (for GPS/Mobile)	• BGSA14GN10	on request
➤ BGSF110GN26 BOARD	RF Switch (for GPS/Mobile)	• BGSF110GN26	on request
➤ BGSF1717MN26 BOARD	RF Switch (for GPS/Mobile)	• BGSF1717MN26	on request

2015/10/15		BGSF1717MN26 BOARD - Infineon Technologies	
➤ BGSF18D BOARD	RF Switch (for GPS/Mobile)	• BGSF18D	on request
➤ BGSX22GN10 BOARD	RF Switch (for GPS/Mobile)	• BGSX22GN10	on request

BGSF1717MN26 BOARD

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预计全年生产量 (件) 每年*

[请选择] ▼

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