FM1694

SP4T Tuner for LTE TRX Application

PRODUCT DESCRIPTION

The FM1694 is a Silicon On Insulator (SOI) Single Pole, Four Throw (SP4T) antenna tuner which require very low insertion loss, high isolation and high linearity performance.

The FM1694 is manufactured in a compact 1.1mm x 1.5mm x 0.45mm ,10 Pin surface mount Quad Flat No-Lead (QFN) package.

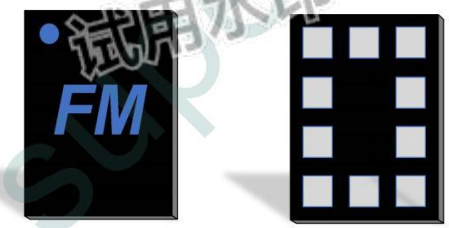
FEATURES

- Excellent Insertion Loss and Isolation performance
- High Linearity
- GPIO Control Interface
- Broadband frequency range: 0.7 to 2.7 GHz
- Small package: QFN-10 1.1mm x 1.5mm x 0.45mm.
- No DC blocking capacitors required
- 1kV HBM ESD Protection on all pins

APPLICATIONS

- 3G/4G multimode cellular tablets and Multi-Mode GSM, EDGE, WCDMA, LTE
- Diversity antenna switching

Encapsulate information



Absolute Maximum Conditions

Parameters	Symbol	Minimum	Maximum	Units
Supply voltage	V_{DD}	2.4	4.8	V
Control voltage	VCTL		2.7	V
any combination of RF ports or ground VRF P_{max}	P_{max}		42	dBm
any combination of RF ports or ground VRF V_{peak}	V_{peak}		60	VP
RF input power	Pin		+42	dBm
Storage temperature	T_{STG}	-55	+150	°C
Operating temperature	T_{OP}	-40	+90	°C
Human Body Model, Class 1C	ESD	1000		V

试用水印 www.superchip.cn