FM8648L

SP4T Switch for 2G&3G&4G TX Application

PRODUCT DESCRIPTION

The FM8648L is a Silicon On Insulator (SOI) Single Pole, Four Throw (SP4T) receiving switch which require very low insertion loss, high isolation and high linearity performance.

The FM8648L is manufactured in a compact 1.1mm x 1.1mm x 0.37mm, 9-pin surface mount LGA package.

FEATURES

- Excellent Insertion Loss and Isolation performance
- High Linearity
- GPIO Control Interface
- 1kV HBM ESD Protection on all pins
- Broadband frequency range: 0.4 to 7.0 GHz
- Small package: LGA-9 1.1mm x 1.1mm x 0.37mm
- No DC blocking capacitors required

APPLICATIONS

- 3G/4G/5G 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}	-0.3	3.6	V
Control voltage	V_C	-0.3	3.5	V
RF input power	Pin		+32	dBm
Storage temperature	T_{STG}	-55	+150	℃
Operating temperature	T_{OP}	-40	+90	℃
Human Body Model, Class 1C	ESD	1000		V

试用水印 www.superchip.cn