FM3418C

SP8T Antenna Switch

PRODUCT DESCRIPTION

The FM3418C is a Silicon On Insulator (SOI) Single Pole, Eight Throw (SP8T) antenna switch which require very low insertion loss, high isolation and high linearity performance.

The FM3418C is manufactured in a compact 2.0mm x 2.0mm, 14-pin surface mount Quad Flat No-Lead (QFN) package.

FEATURES

- Excellent Insertion Loss and Isolation performance
- High Linearity
- GPIO Control Interface
- Broadband frequency range: 0.1 to 3 GHz
- Small package: QFN-14 2.0mm x 2.0mm
- No DC blocking capacitors required
- 1kV HBM ESD Protection on all pins

APPLICATIONS

- 2G/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}	2.5	3.6	V
Control voltage	Vcc		3.1	V
RF input power	Pin		+32.7	dBm
Storage temperature	T_{STG}	-55	+150	℃
Operating temperature	T_{OP}	-40	+90	℃
Human Body Model, Class 1C	ESD	1000		V

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