FM86C0L

SP12T Switch with MIPI for LTE TRX Application

PRODUCT DESCRIPTION

The FM86C0L is a Silicon On Insulator (SOI) Single Pole, Twelve Throw (SP12T) antenna switch with a Mobile Industry Processor Interface (MIPI) which require very low insertion loss, high isolation and high linearity performance.

The FM86C0L is manufactured in a compact 2.5mm x 2.5mm, 20-pin surface mount Quad Flat No-Lead (QFN) package.

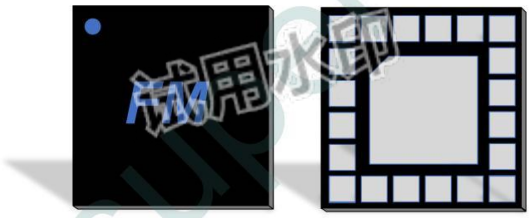
FEATURES

- Excellent Insertion Loss and Isolation performance
- High Linearity
- RFFE 2.1 Control Interface
- Broadband frequency range: 0.1 to 3 GHz
- Small package: QFN-20 2.5mm x 2.5mm
- 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
Digital control signal	V_{IO}		2	V
RF input power	Pin		+30	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