



YSW27-001813C1

DC-18 GHz 单刀三掷开关芯片

数据手册

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产品介绍

YSW27-001813C1 是一款单刀三掷开关芯片，频率范围覆盖DC~18GHz，插入损耗最大值为1.85dB，隔离度为40dB。

关键技术指标

- 频率范围：DC~18GHz
- 插损损耗：1.85dB
- 隔离度：40dB
- 输入/输出驻波（开态）：1.5
- 芯片尺寸：1.55mm×1.55mm

应用领域

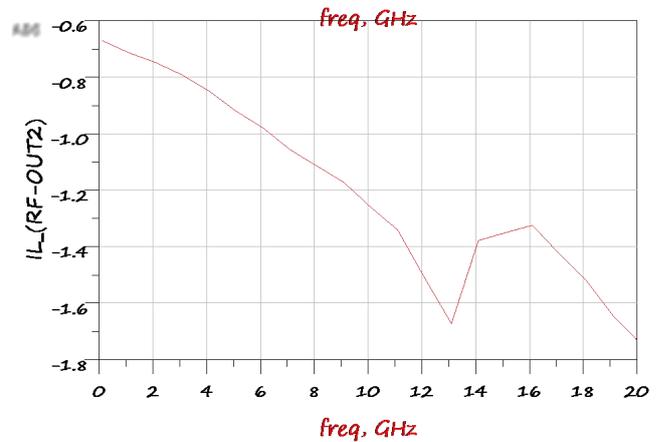
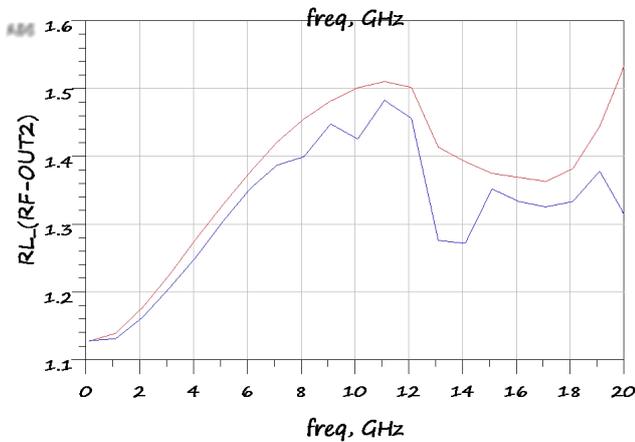
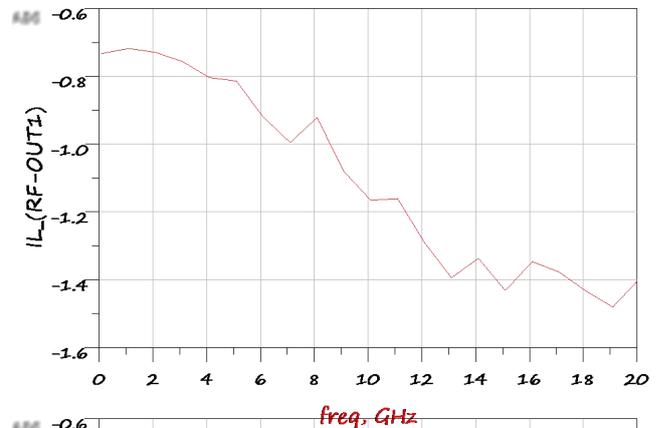
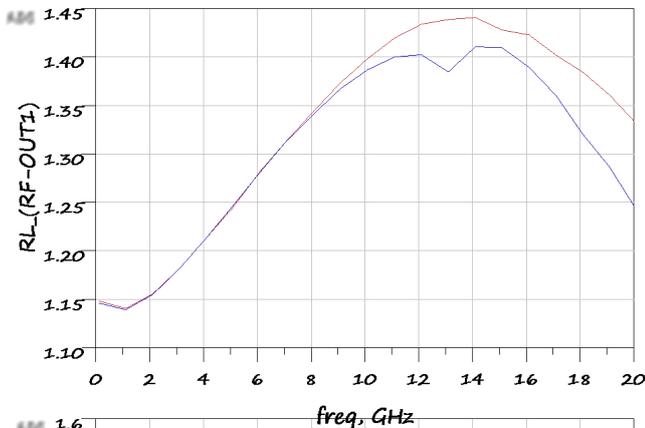
- 雷达
- 通信
- 仪器仪表

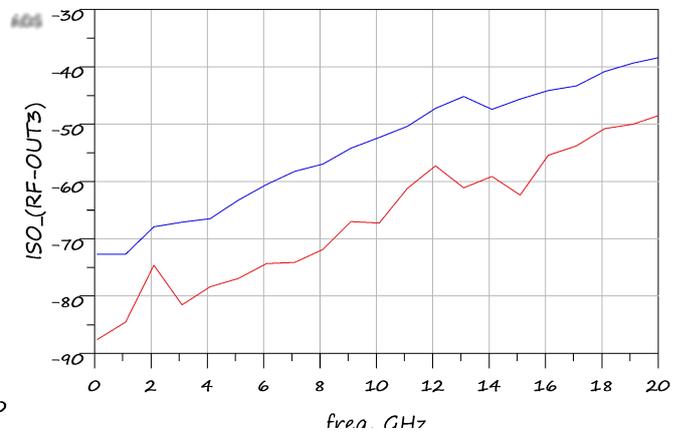
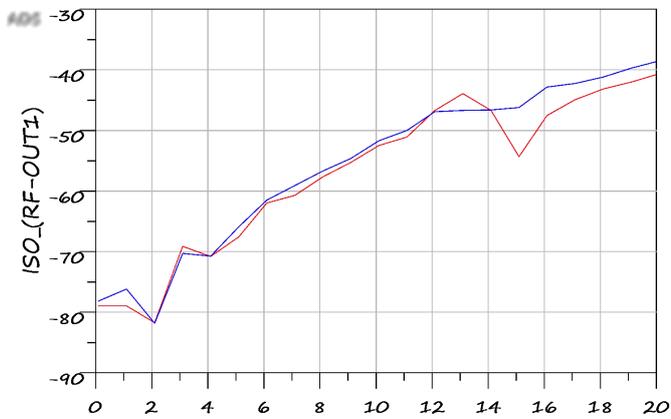
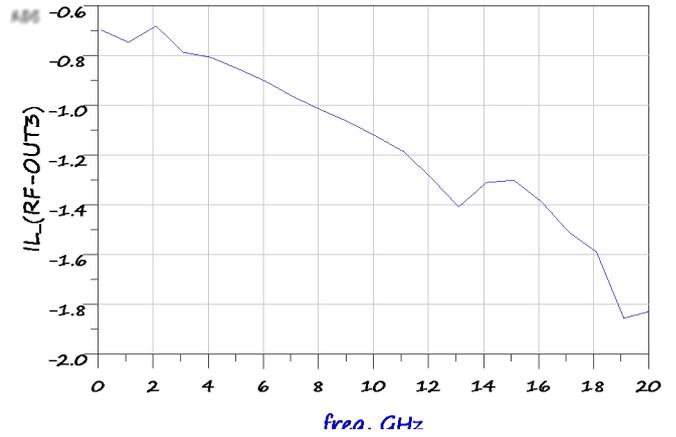
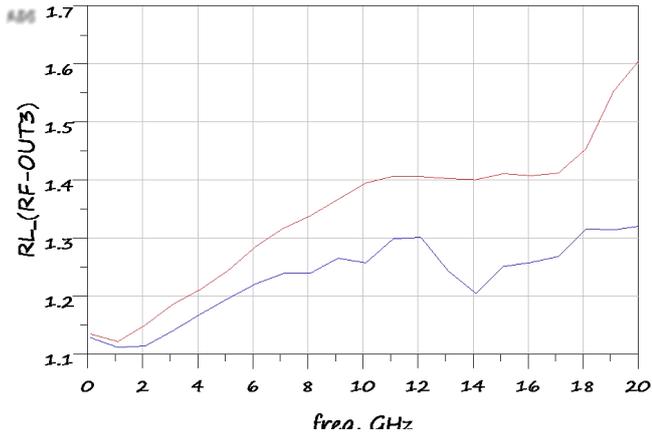


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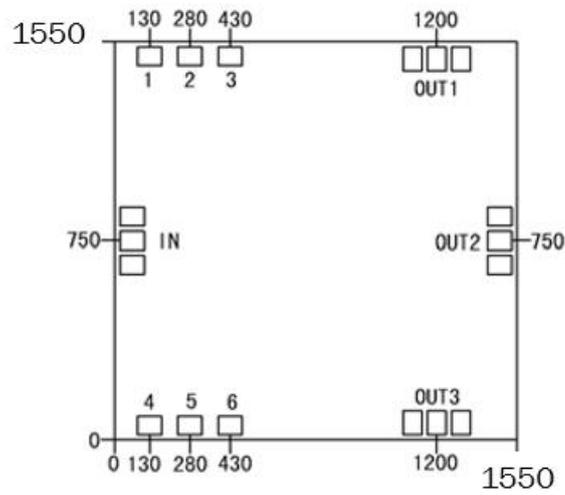
电性能表($T_A=+25^{\circ}\text{C}$)

参数名称	最小值	典型值	最大值	单位
频率范围	0		18	GHz
插入损耗			1.85	dB
隔离度		40		dB
输入/输出驻波 (开态)		1.5		-

 测试曲线 ($T_A=+25^{\circ}\text{C}$)




芯片端口图



真值表

1	2	3	4	5	6	OUT1	OUT2	OUT3
0	-5	-5	-5	0	0	Low loss	Isolation	Isolation
-5	0	0	-5	-5	0	Isolation	Low loss	Isolation
-5	-5	0	0	0	-5	Isolation	Isolation	Low loss