

ADIC851

V0

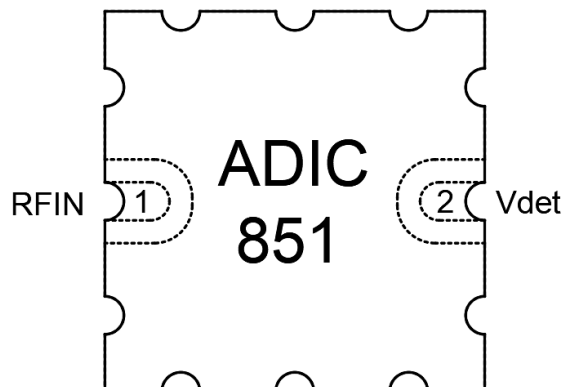
性能特点

- 频率范围：10 MHz - 20 GHz
- 动态范围：-30 ~ 20 dBm
- 输出电压范围：0 ~ 4.6 V
- 外形尺寸：5 mm × 5 mm × 2.2 mm

产品简介

ADIC851是一款10 MHz到 20 GHz的宽带检波器，动态范围50 dB。该检波器可广泛应用于雷达和电子对抗、RF/微波电路等准确的发射功率控制系统。

引脚定义



俯视透视图

极限参数

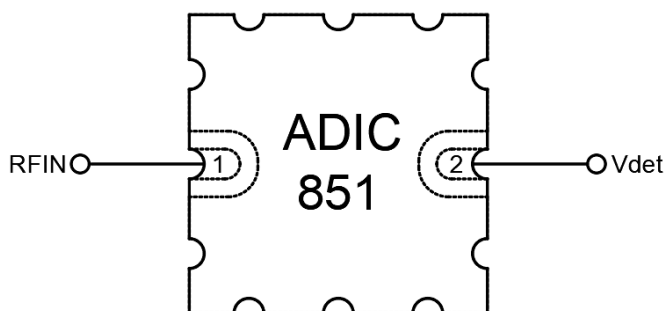
工作环境温度	-55°C~+85 °C
储存温度	-65 °C~+150°C

引脚编号	符号	功能描述
1	RFIN	射频输入
2	Vdet	检测电压
其他	GND	接地

电性能表 (T = 25 °C)

指标	最小值	典型值	最大值	单位
频率范围	0.01	-	20	GHz
动态范围	-30	-	20	dBm

应用电路

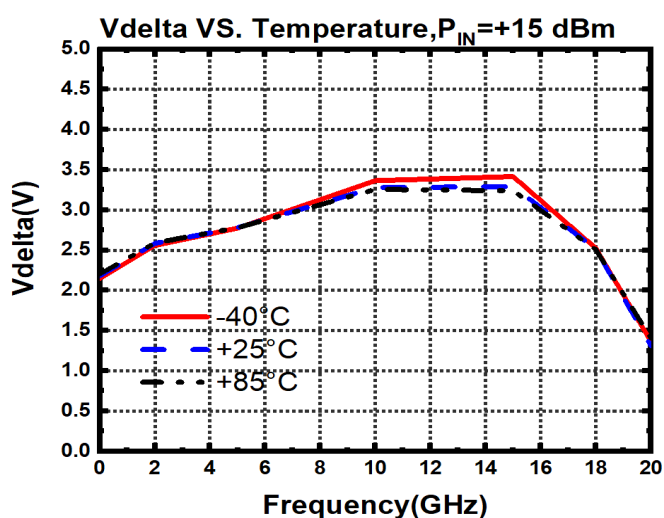
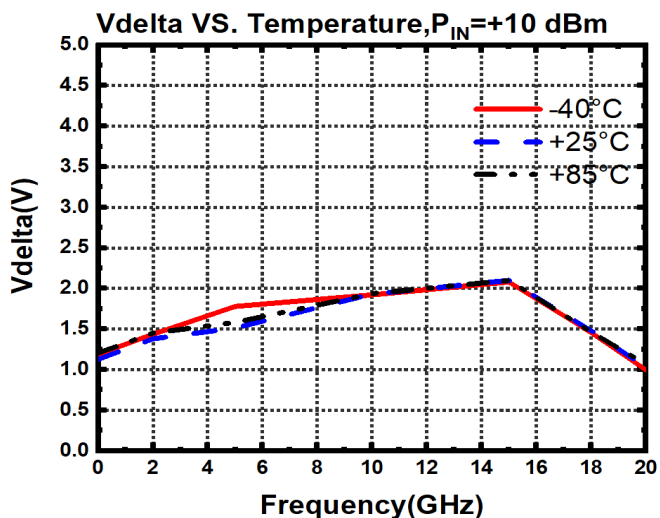
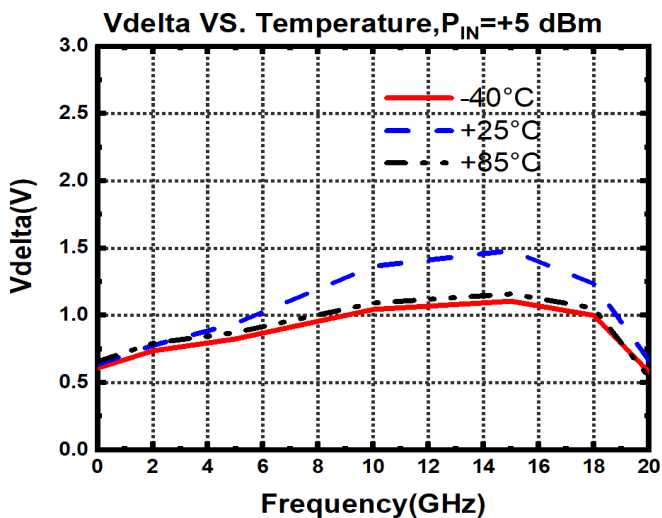
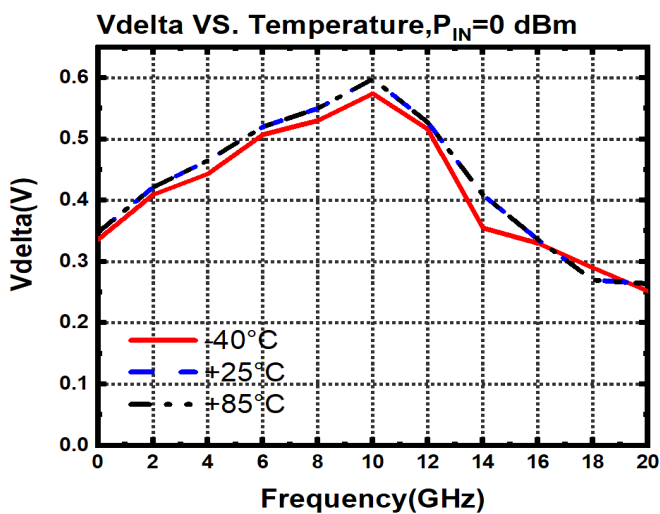
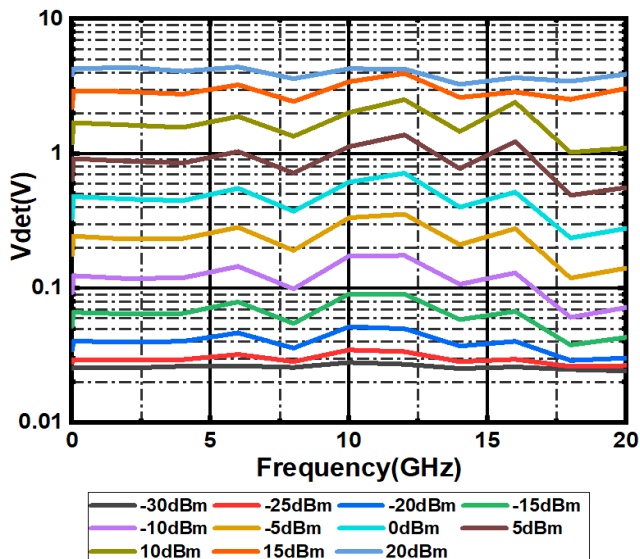
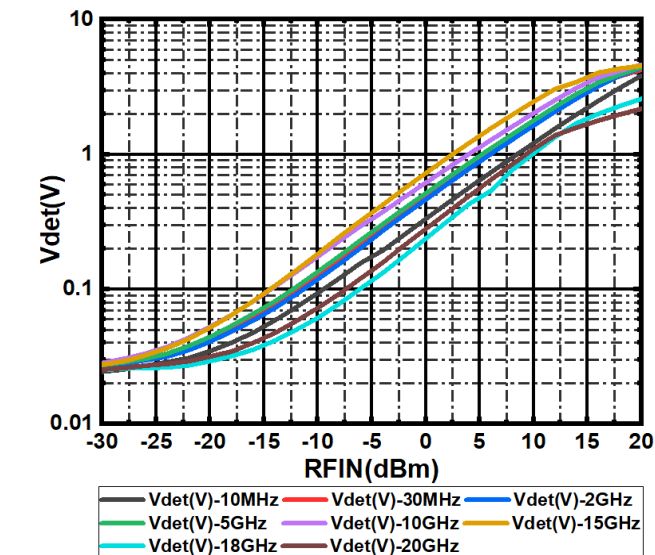


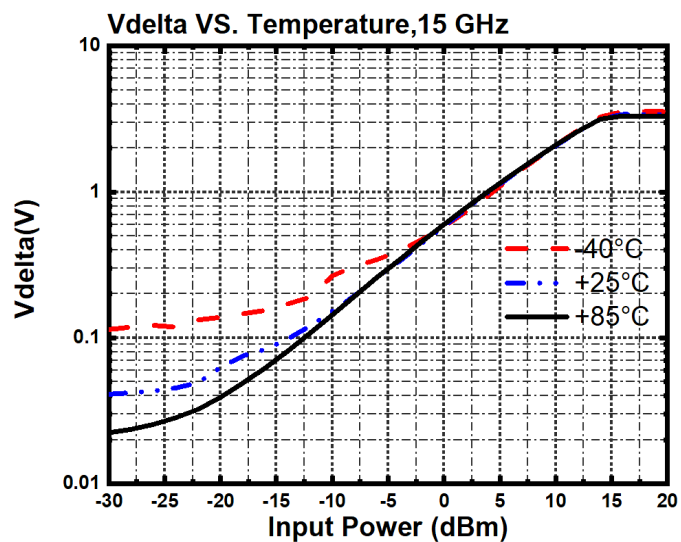
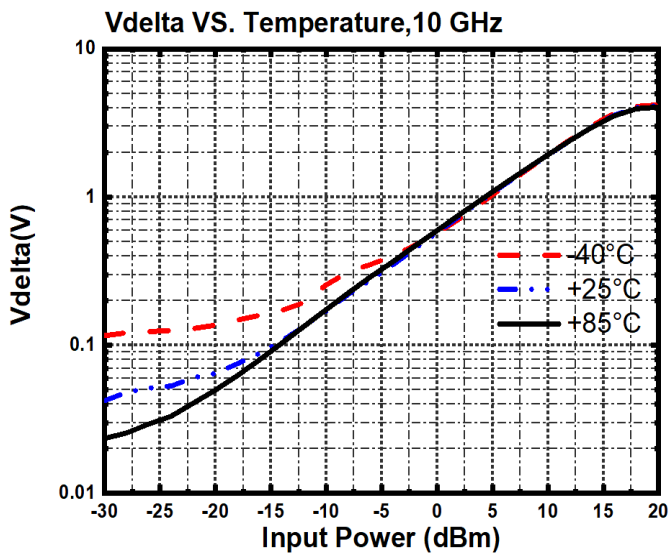
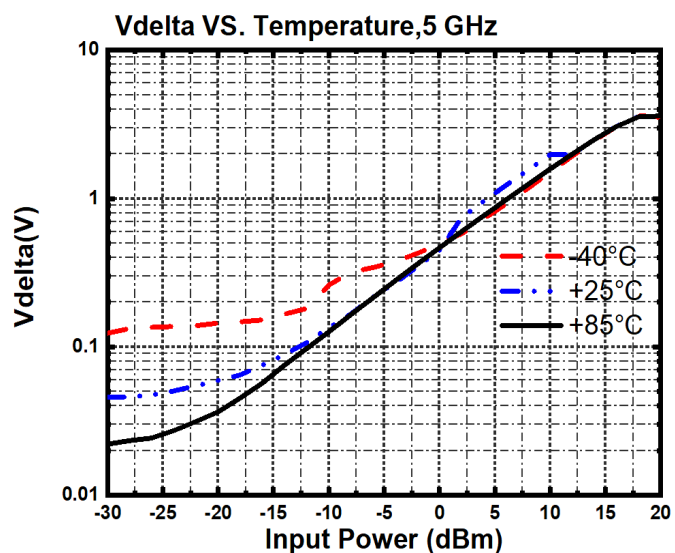
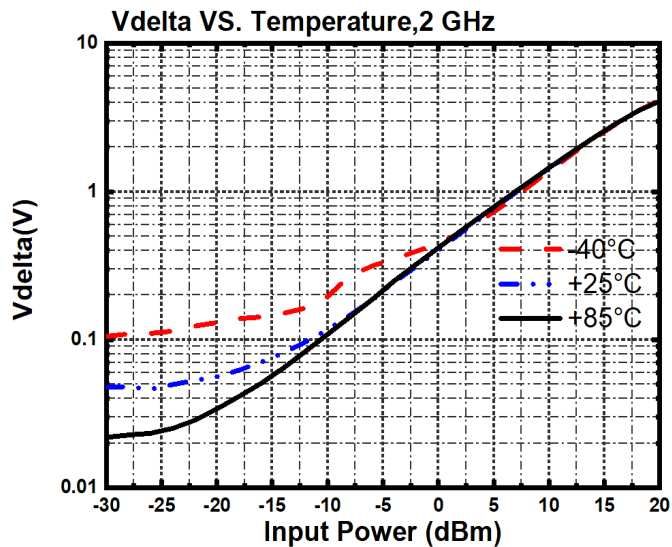
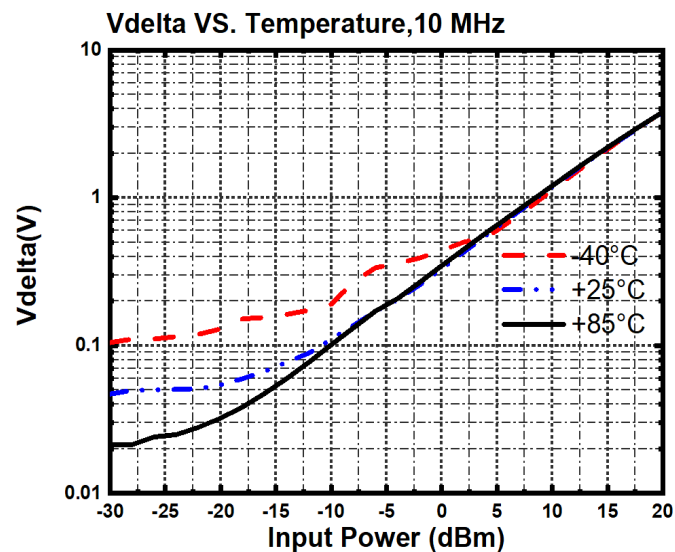
关注公众号



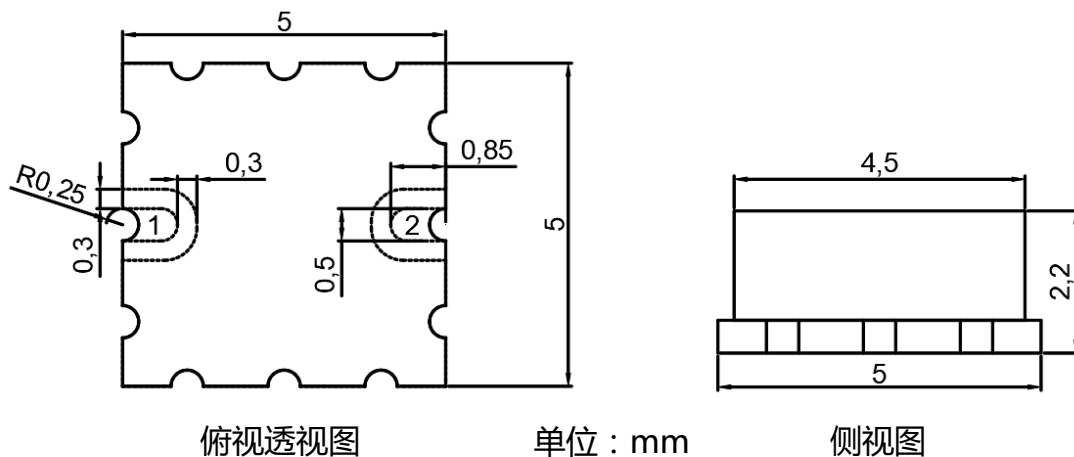
ELECTROSTATIC SENSITIVE DEVICE
OBSERVE HANDLING PRECAUTIONS

典型测试曲线 (T = 25 °C, 评估板测试曲线)





外形尺寸



建议PCB引脚图

