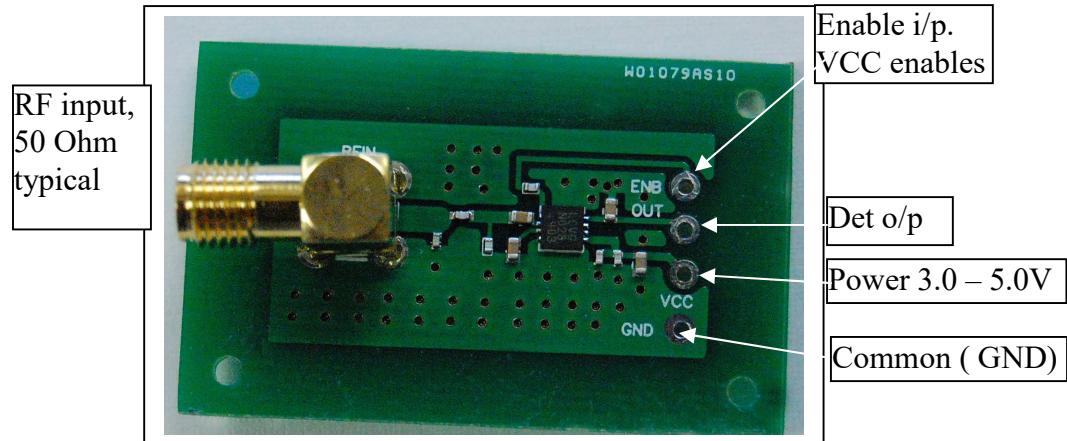


Detector documentation



General: The detector is a wideband RF signal measuring device. It is ready to be used. All that is required is a positive supply, ground and the input RF signal. All the connections are shown clearly in the image above.

More data:

Parameter	Conditions	Min	Typ	Max	Units
VCC		3.0		5.25	V
Enable Voltage		-0.3		VCC+0.3	V
RF input power				15.0	dBm
Temperature	Operating	-40		85.0	Deg C
RF input frequency range		40		3000	Mhz
Input resistance			300		Ohm
Common mode Volt			VCC - 0.5		Volt

Parameter	Conditions	Min	Typ	Max	Units
Enable	ON	1.0			Volt
Enable	OFF			0.3	V
Power supply current			30.0		mA
OFF current				100	uA
Turn ON time				300	ns
Turn OFF time				1.5	us
Output voltage	No signal		0.350		Volts
Output impedance			150		Ohms
Output source current			10		mA
Output sink current			200		uA

Measurement data:

