

# Synthesizer 5.0 to 7.0 GHz

# SS5210S/01

## Electrical specification Preliminary

Type number	SS5210S/00		
Package	Surface mount		
Parameter	Min.	Max.	Unit
Frequency range*	5.0	7.0	GHz
Output power, over all*	0	8	dBm
2:nd harmonic		- 20	dBc
Spurious		- 40	dBc
FM noise* (SSB) 100 kHz		- 80	dBc/Hz
Settling time		20	µs

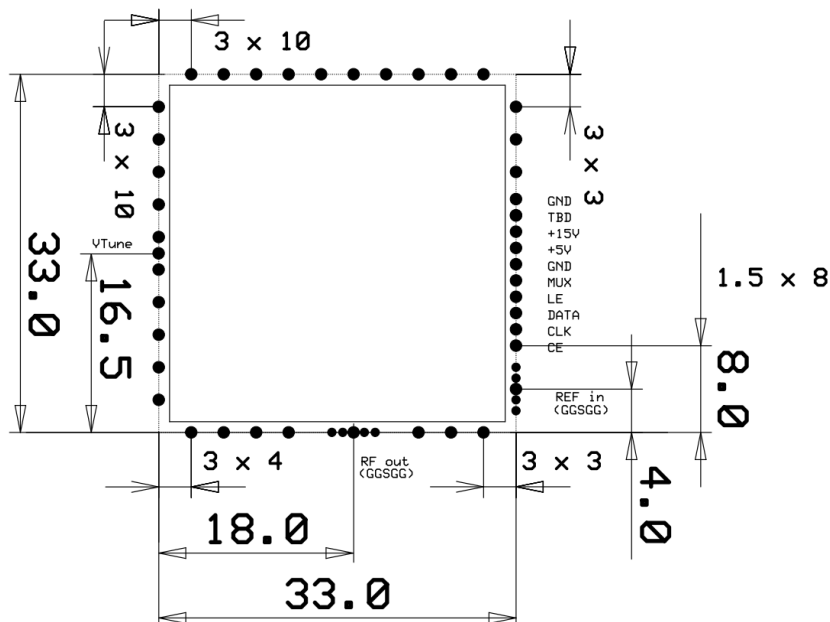
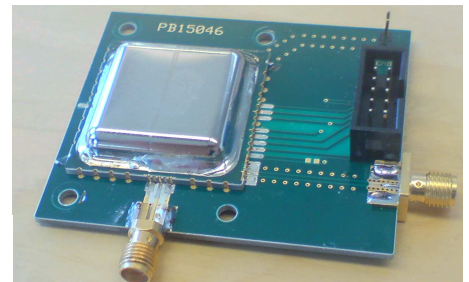
## Interface/environmental specification

Parameter	Min.	Max.	Unit
Bias voltage PLL	14.5	15.5	V
Bias voltage signal source	4.9	5.1	V
Reference signal input	1.5	3.5	V <sub>DD</sub>
Bias current		140	mA
Operating temperature	-40	+85	°C
Storage temperature	-50	+125	°C



Dimensions (WxLxH)  
30x38x10mm.

### Serial Communications



Data subject to change without notice. Rev.B 2010-06-17