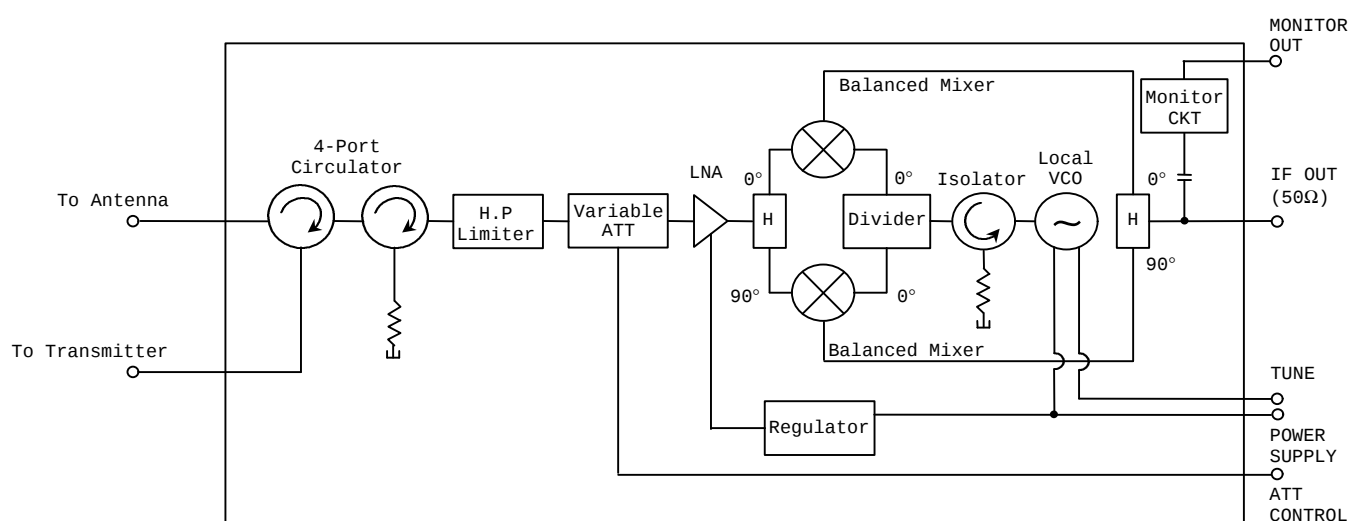


---- ELECTRICAL ---- <at 25 degree centigrade>

	Min	typical	Max	Unit
Operating voltage	11.8	12	12.2	V
Operating current	-	90	120	mA
Local frequency	VT=4V	-	3.05	GHz
	VT=24V	3.17	-	GHz
Noise figure	-	4	5	dB
conversion gain	3	4	-	dB
1dB gain compression point (RF port)	-5.0	-	-	dBm
Variable attenuation Range (Note2)	20	25	-	dB
RF input power at transmitter port (Note1)	-	-	15	kW
RF input power at antenna port (Note1)	-	-	3	kW

1. $f=3.05\text{GHz}$, $P_d=1\mu\text{sec}$, $\text{Duty}=0.001$
2. $V_{att}=12\text{V}$

--- BLOCK DIAGRAM ---



Rev. 2

OUTLINE

Note: Dimensions are in mm

NJT1307A

