50Ohm Coplanar Waveguide:
PCB: 1.6mm 4.2 Et
Track: 1.33mm
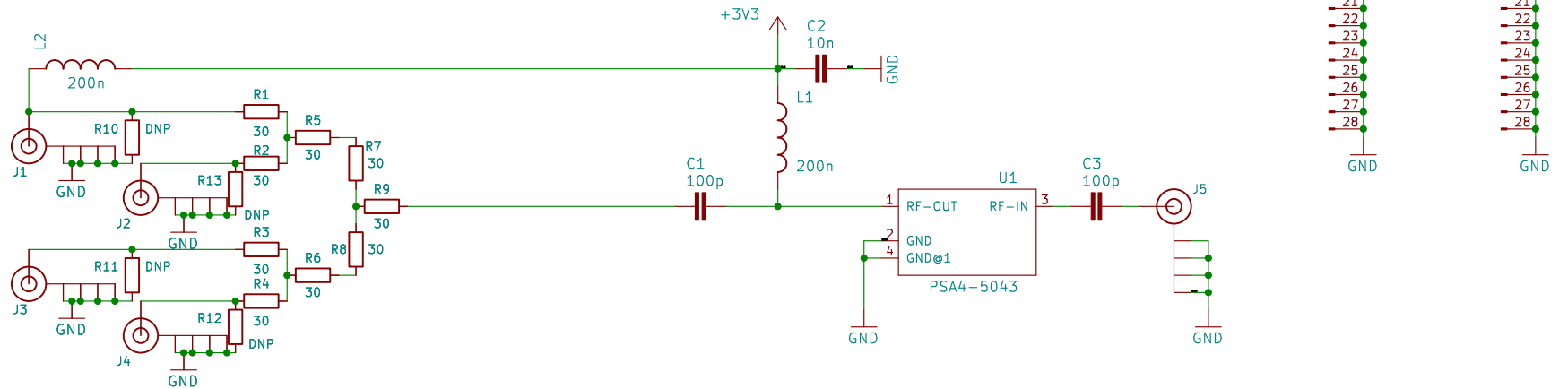Gap: .2mm

http://chemandy.com/calculators/
coplanar-waveguide-with-ground-calculator.htm

Resistive Power Divider: R=Z0x(N-1)/(N+1)
30 ohm for 4 way (12 dB loss per port)
39 ohm for 8 way (18dB loss per port)

J9
Conn_01x12_Pin

J8
Conn_01x12_Pin

J7
Conn_01x28_Pin

J6
Conn_01x28_Pin

GND

GND

GND

GND

L2
200n

R1
30

R10 DNP

R2
30

R5
30

R7
30

R13
DNP

R9
30

J1

GND

J2

GND

R3
30

R11 DNP

R6
30

R8
30

R4
30

J3

GND

R12
30

J4

GND

DNP

DNP

+3V3

C2
10n

GND

L1
200n

C1
100p

U1
RF-OUT   RF-IN
GND
GND@1
PSA4-5043

C3
100p

J5

GND

GND

>DRAWING_NAME

>LAST_DATE_TIME

Sheet: >SHEET