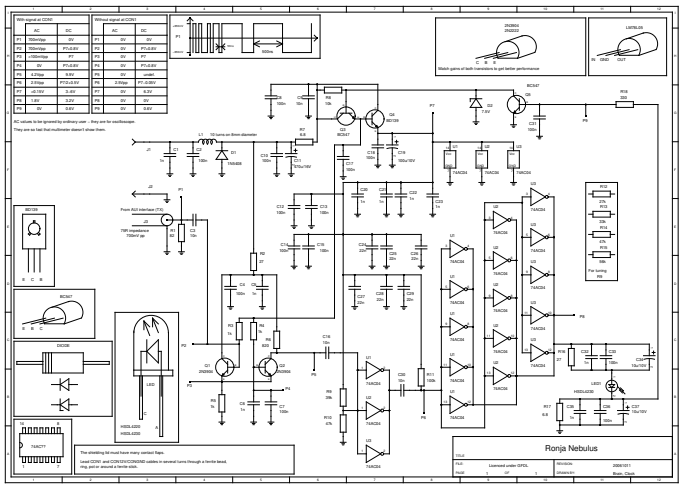
With signal at CON7
AC
DC
P7 -500mVpp 0V
P6 -500mVpp P7+0.6V
P5 -1000mVpp P7
P4 0V P7+0.6V
P3 -0.25Vpp 9.9V
P2 0.01Vpp P7/3+0.5V
P1 -±0.15V 5.45V
P0 1.8V 9.2V
0V 0V 0.6V
With signal at CON7
AC
DC
P7 0V 0V
P6 0V P7+0.6V
P5 0V P7
P4 0V P7+0.6V
P3 0V undef
P2 0.01Vpp P7-0.95V
P1 0V 9.2V
P0 0V 0V
0V 0.6V
AC values to be ignored by ordinary user ... they are for oscilloscope.
They are so fast that multimeter doesn't show them.
2N3904
2N3906
Match gains of both transistors to get better performance
L4784JAS
IN GND OUT
BC547
BC639
BC847
CON6
CON7
CON8
TSW277
From AUX interface CTG
75R impedance
750mV pp
LED
HSDL-4200
HSDL-4200
The shielding lid must have many contact flaps.
Lead CON7 and CON12/CON20/GND cables in several turns through a ferrite bead,
ring, pen or around a ferrite stick.
Ronja Nebulus
Circuit:
Part:
Sheet: of
Licensed under GPSL
Revision: 20081011
Drawn by: Ronj Chief
Ronja Nebulus