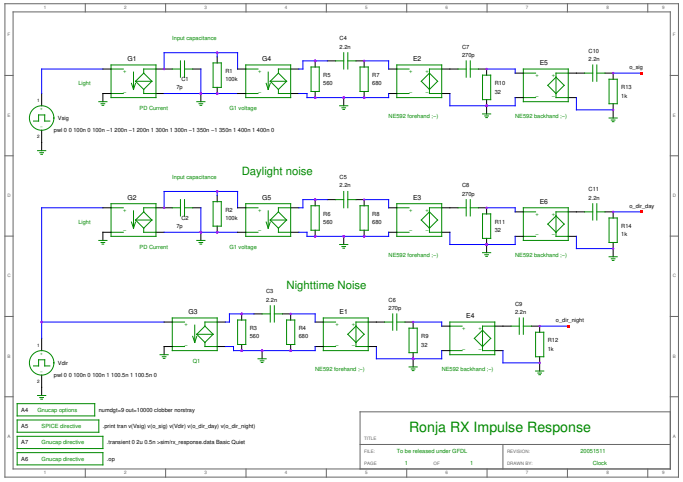
Input capacitance
G1
C4
2.2n
G4
E2
C7
270p
E5
C10
2.2n
o_sig
Light
C1
7p
R1
100k
R5
560
R7
680
R10
32
R13
1k
PD Current
G1 voltage
NE592 forehand :-)
NE592 backhand :-)
Vsig
pwl 0 0 100n 0 100n −1 200n −1 200n 1 300n 1 300n −1 350n −1 350n 1 400n 1 400n 0
Daylight noise
Input capacitance
G2
C5
2.2n
G5
E3
C8
270p
E6
C11
2.2n
o_dir_day
Light
C2
7p
R2
100k
R6
560
R8
680
R11
32
R14
1k
PD Current
G1 voltage
NE592 forehand :-)
NE592 backhand :-)
Nighttime Noise
C3
2.2n
G3
E1
C6
270p
E4
C9
2.2n
o_dir_night
R3
560
R4
680
R9
32
R12
1k
Q1
NE592 forehand :-)
NE592 backhand :-)
Vdir
pwl 0 0 100n 0 100n 1 100.5n 1 100.5n 0
A4 Gnucap options
numdgt=9 out=10000 clobber nonstray
A5 SPICE directive
.print tran v(Vsig) v(o_sig) v(Vdir) v(o_dir_day) v(o_dir_night)
A7 Gnucap directive
.transient 0 2u 0.5n >alim/rx_response.data Basic Quiet
A6 Gnucap directive
.op
Ronja RX Impulse Response
TITLE
FILE: To be released under GFDL
REVISION: 20051511
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DRAWN BY: Clock