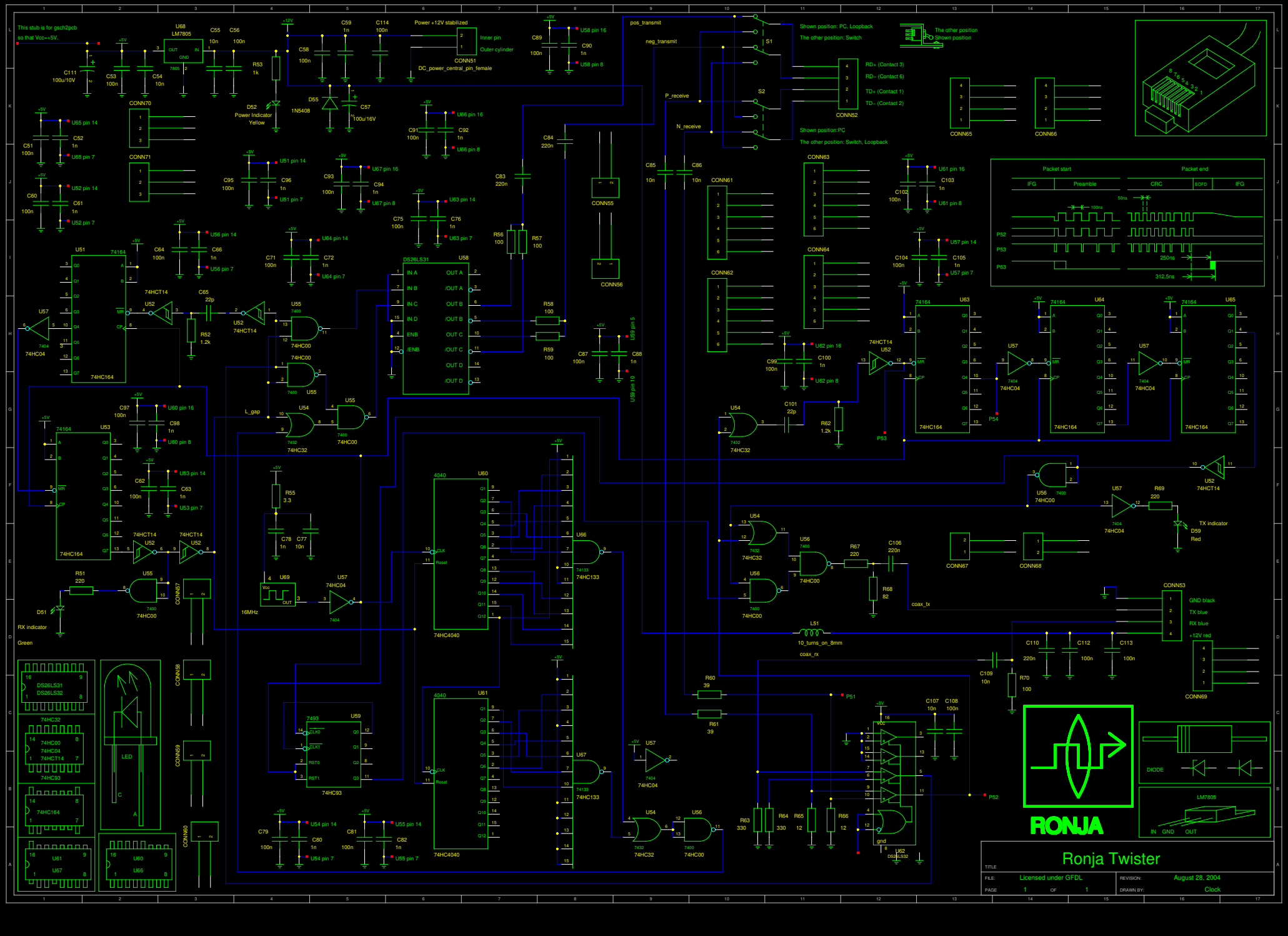
This stub is for gsch2pcb
so that Vcc=+5V.
U68
LM7805
C55 10n
C56 100n
C111 100u/10V
C53 100n
C54 10n
R53 1k
D52
Power Indicator
Yellow
D55
1N5408
C57 100u/16V
C58 100n
C59 1n
C114 100n
Power +12V stabilized
CONN51
DC_power_central_pin_female
Inner pin
Outer cylinder
C89 100n
C90 1n
U58 pin 16
U58 pin 8
pos_transmit
neg_transmit
P_receive
N_receive
S1
S2
Shown position: PC, Loopback
The other position: Switch
RD+ (Contact 3)
RD- (Contact 6)
TD+ (Contact 1)
TD- (Contact 2)
CONN52
Shown position:PC
The other position: Switch, Loopback
The other position
PC Shown position
CONN65
CONN66
CONN70
CONN71
U65 pin 14
U65 pin 7
U52 pin 14
U52 pin 7
C51 100n
C52 1n
C60 100n
C61 1n
U66 pin 16
U66 pin 8
C91 100n
C92 1n
U51 pin 14
U51 pin 7
C95 100n
C96 1n
U67 pin 16
U67 pin 8
C93 100n
C94 1n
U63 pin 14
U63 pin 7
C75 100n
C76 1n
C84 220n
C83 220n
CONN55
CONN56
C85 10n
C86 10n
CONN61
CONN62
CONN63
CONN64
U61 pin 16
U61 pin 8
C102 100n
C103 1n
U57 pin 14
U57 pin 7
C104 100n
C105 1n
U62 pin 16
U62 pin 8
C99 100n
C100 1n
Packet start
Packet end
IFG
Preamble
CRC
EOFD
IFG
50ns
100ns
250ns
312.5ns
P52
P53
P63
U56 pin 14
U56 pin 7
C64 100n
C66 1n
U64 pin 14
U64 pin 7
C71 100n
C72 1n
R56 100
R57 100
R58 100
R59 100
C87 100n
C88 1n
U59 pin 5
U59 pin 10
DS26LS31
U58
IN A
IN B
IN C
IN D
ENB
/ENB
OUT A
/OUT A
OUT B
/OUT B
OUT C
/OUT C
OUT D
/OUT D
U51
74164
U52
74HCT14
C65 22p
R52 1.2k
U55
74HC00
U54
74HC32
U53
C97 100n
C98 1n
U60 pin 16
U60 pin 8
C62 100n
C63 1n
U53 pin 14
U53 pin 7
74HC164
L_gap
R55 3.3
C78 1n
C77 10n
U69
16MHz
U57
74HC04
R51 220
D51
RX indicator
Green
CONN67
4040
U60
74HC4040
U66
74HC133
U61
U67
U59
7493
74HC93
C79 100n
C80 1n
C81 100n
C82 1n
U54 pin 14
U54 pin 7
U55 pin 14
U55 pin 7
CONN58
CONN59
CONN60
DS26LS31
DS26LS32
74HC32
74HC00
74HC04
74HCT14
74HC93
74HC164
LED
C
A
U61
U67
U60
U66
R60 39
R61 39
C107 10n
C108 100n
C109 10n
R70 100
R63 330
R64 330
R65 12
R66 12
U62
gnd
C110 220n
C112 100n
C113 100n
L51
10_turns_on_8mm
coax_rx
coax_tx
R67 220
C106 220n
R68 82
CONN53
GND black
TX blue
RX blue
+12V red
CONN69
R69 220
TX indicator
D59
Red
CONN67
CONN68
RONJA
DIODE
LM7805
IN GND OUT
Ronja Twister
TITLE
FILE:
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August 28, 2004
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OF
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DRAWN BY:
Clock