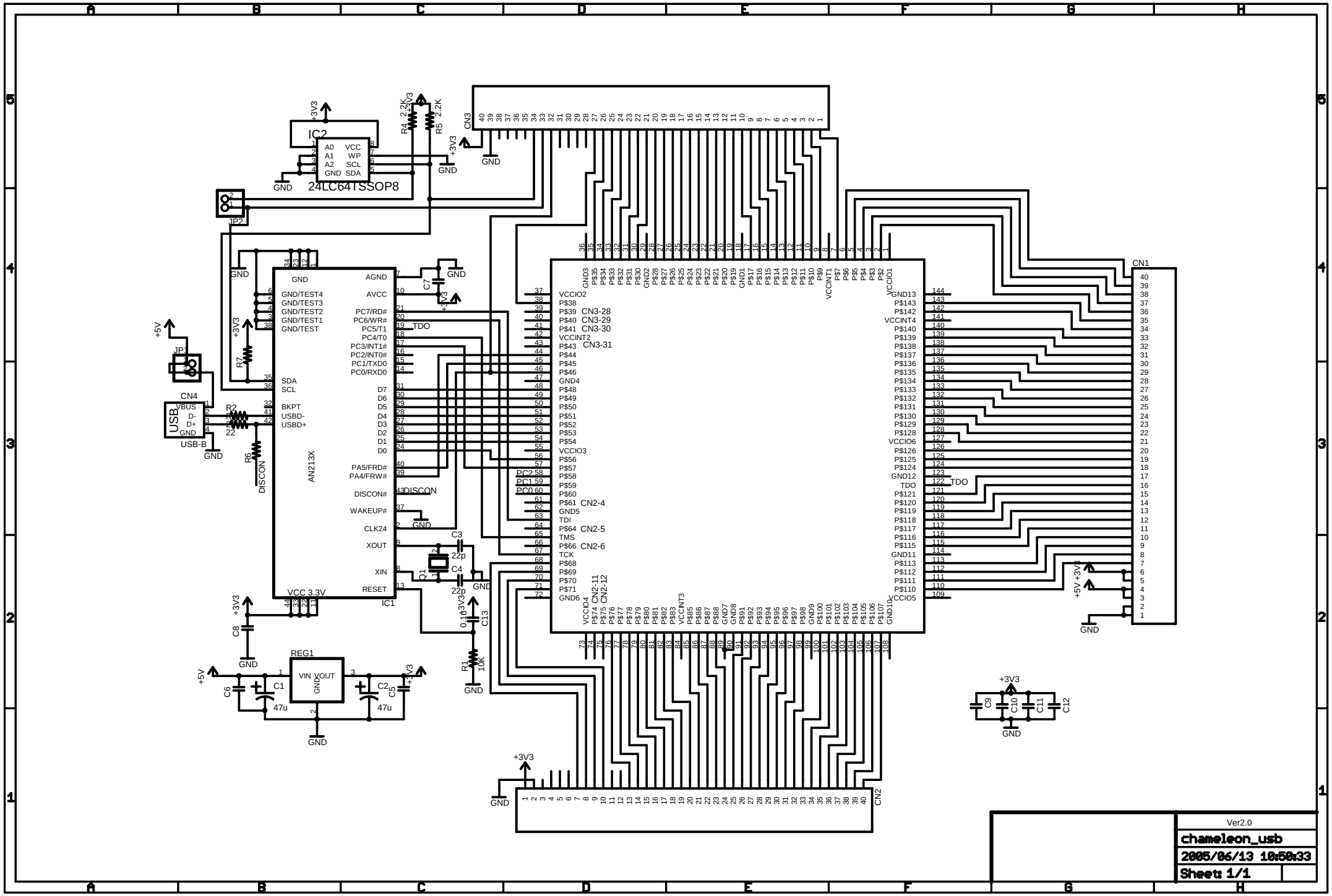

IC2
24LC64TSSOP8
A0 VCC
A1 WP
A2 SCL
GND SDA
JP2
JP1
CN4
USB
VBUS
D-
D+
GND
USB-B
R2 22
R6 DISCON
R7
AN213X
GND
GND/TEST4
GND/TEST3
GND/TEST2
GND/TEST1
GND/TEST
SDA
SCL
BKPT
USBD-
USBD+
AGND
AVCC
PC7/RD#
PC6/WR#
PC5/T1
PC4/T0
PC3/INT1#
PC2/INT0#
PC1/TXD0
PC0/RXD0
D7
D6
D5
D4
D3
D2
D1
D0
PA5/FRD#
PA4/FRW#
DISCON#
WAKEUP#
CLK24
XOUT
XIN
RESET
VCC 3.3V
IC1
TDO
DISCON
C7
C3 22p
C4 22p
Q1
C8
C13 0.1u
R1 10K
REG1
VIN VOUT
GND
C1 47u
C2 47u
C6
C5
+5V
+3V3
GND
CN3
CN1
CN2
VCCIO2
P$38
P$39 CN3-28
P$40 CN3-29
P$41 CN3-30
VCCINT2
P$43 CN3-31
P$44
P$45
P$46
GND4
P$48
P$49
P$50
P$51
P$52
P$53
P$54
VCCIO3
P$56
P$57
P$58
P$59
P$60
P$61 CN2-4
GND5
TDI
P$64 CN2-5
TMS
P$66 CN2-6
TCK
P$68
P$69
P$70
P$71
GND6
VCCIO4
P$74 CN2-11
P$75 CN2-12
VCCINT3
GND3
P$35
P$34
P$33
P$32
P$31
P$30
GND2
P$28
P$27
P$26
P$25
P$24
P$23
P$22
P$21
P$20
P$19
GND1
P$17
P$16
P$15
P$14
P$13
P$12
P$11
P$10
P$9
VCCINT1
P$7
P$6
P$5
P$4
P$3
P$2
VCCIO1
GND13
P$143
P$142
VCCINT4
P$140
P$139
P$138
P$137
P$136
P$135
P$134
P$133
P$132
P$131
P$130
P$129
P$128
VCCIO6
P$126
P$125
P$124
GND12
TDO
P$121
P$120
P$119
P$118
P$117
P$116
P$115
GND11
P$113
P$112
P$111
P$110
VCCIO5
GND10
C9
C10
C11
C12
Ver2.0
chameleon_usb
2005/06/13 10:50:33
Sheet: 1/1