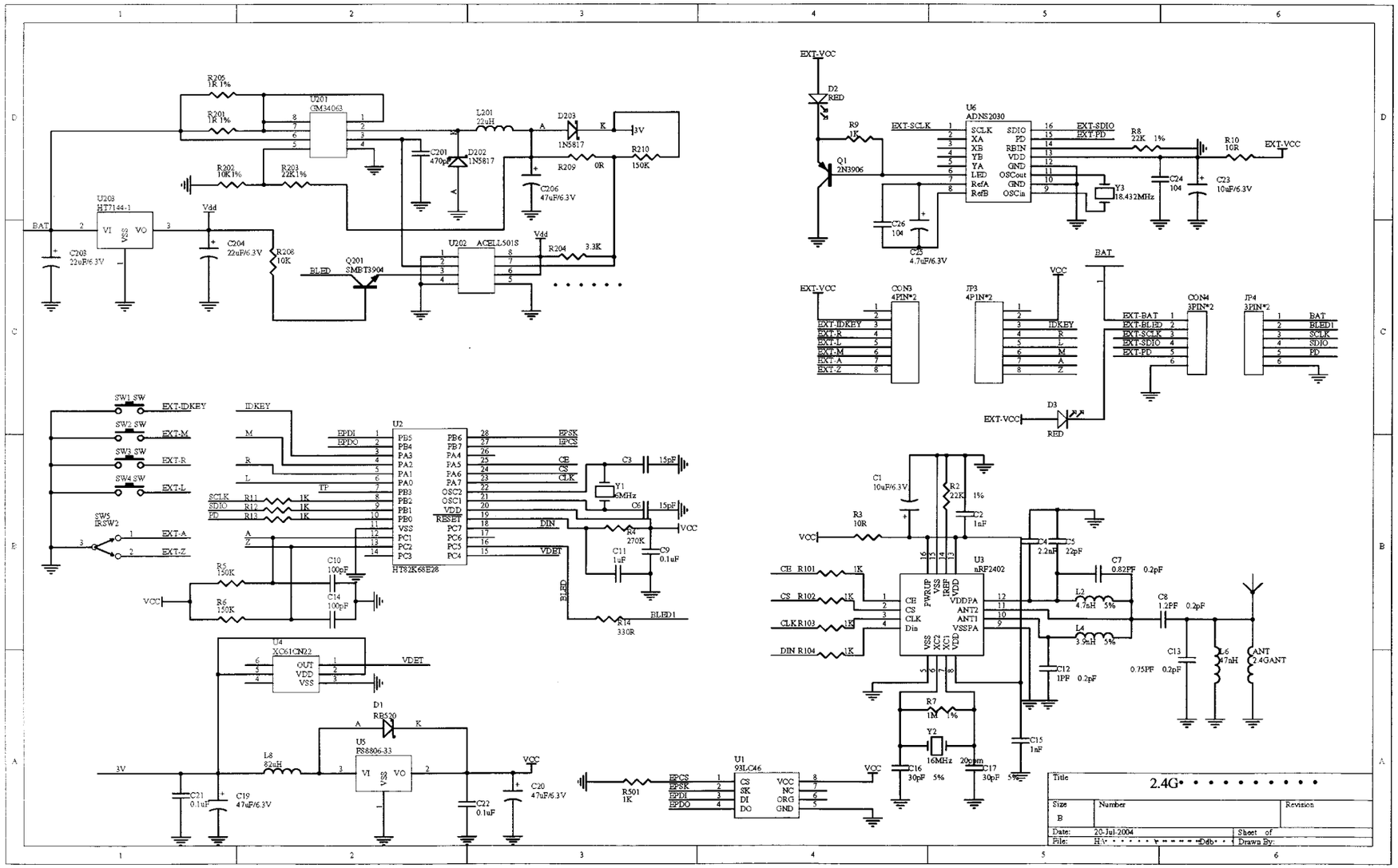

R205 1R 1%
R201 1R 1%
U201 GM34063
L201 22uH
D203 1N5817
3V
C201 470pF
D202 1N5817
R210 150K
R209 0R
C206 47uF/6.3V
R202 10K 1%
R203 22K 1%
U203 HT7144-1
BAT
VI VSS VO
Vdd
C203 22uF/6.3V
C204 22uF/6.3V
R208 10K
BLED
Q201 SMBT3904
U202 ACELL501S
R204 3.3K
EXT-VCC
D2 RED
R9 1K
EXT-SCLK
Q1 2N3906
U6 ADNS2030
SCLK SDIO
XA PD
XB RBIN
YB VDD
YA GND
LED OSCout
RefA GND
RefB OSCin
EXT-SDIO
EXT-PD
R8 22K 1%
R10 10R
EXT-VCC
Y3 18.432MHz
C24 104
C23 10uF/6.3V
C26 104
C25 4.7uF/6.3V
CON3 4PIN*2
EXT-IDKEY
EXT-R
EXT-L
EXT-M
EXT-A
EXT-Z
JP3 4PIN*2
VCC
IDKEY
CON4 3PIN*2
EXT-BAT
EXT-BLED
EXT-SCLK
EXT-SDIO
EXT-PD
JP4 3PIN*2
BAT
BLED1
SCLK
SDIO
PD
D3 RED
SW1 SW
SW2 SW
SW3 SW
SW4 SW
SW5 IRSW2
U2 HT82K68E28
PB5 PB6
PB4 PB7
PA3 PA4
PA2 PA5
PA1 PA6
PA0 PA7
PB3 OSC2
PB2 OSC1
PB1 VDD
PB0 RESET
VSS PC7
PC1 PC6
PC2 PC5
PC3 PC4
EPDI EPDO
EPSK EPCS
CE CS CLK
DIN VDET
SCLK R11 1K
SDIO R12 1K
PD R13 1K
TP
Y1 6MHz
C3 15pF
C6 15pF
R4 270K
C11 1uF
C9 0.1uF
C10 100pF
C14 100pF
R5 150K
R6 150K
R14 330R
BLED1
U4 XC61CN2.2
OUT VDD VSS
D1 RB530
U5 FS8806-33
L8 82uH
C21 0.1uF
C19 47uF/6.3V
C22 0.1uF
C20 47uF/6.3V
U1 93LC46
CS SK DI DO
VCC NC ORG GND
R501 1K
C1 10uF/6.3V
R2 22K 1%
C2 1nF
R3 10R
U3 nRF2402
CE R101 1K
CS R102 1K
CLK R103 1K
DIN R104 1K
PWRUP PWRDN IREF VDD
VDDPA ANT2 ANT1 VSSPA
C4 2.2nF
C5 22pF
C7 0.82PF 0.2pF
L2 4.7nH 5%
L4 3.9nH 5%
C8 1.2PF 0.2pF
C12 1PF 0.2pF
C13 0.75PF 0.2pF
L6 47nH
ANT 2.4GANT
R7 1M 1%
Y2 16MHz 20ppm
C16 30pF 5%
C17 30pF 5%
C15 1nF
Title 2.4G
Size B
Number
Revision
Date: 20-Jul-2004
Sheet of
File:
Drawn By: