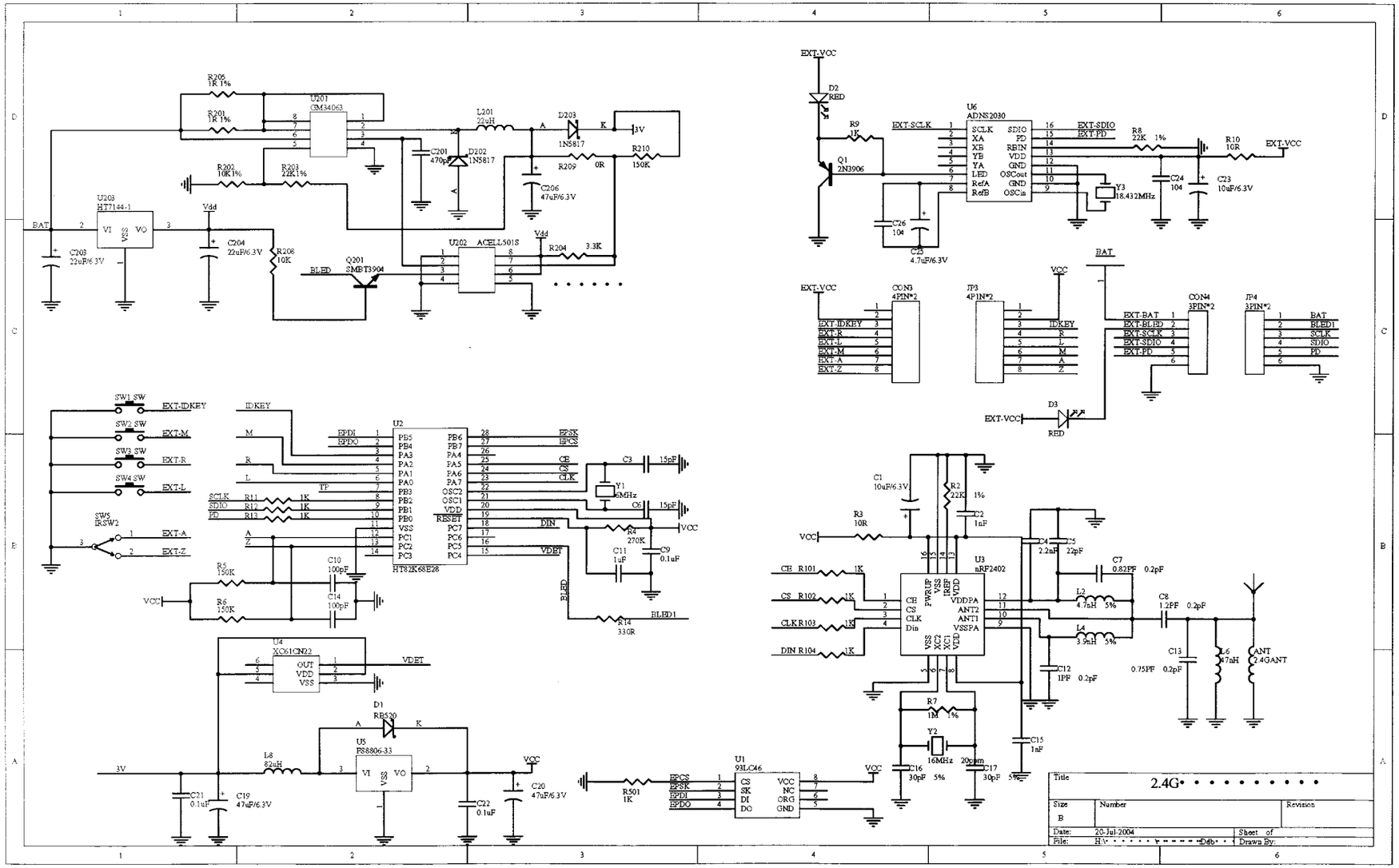
U201 GM34063
U203 HT7144-1
U202 ACELL501S
Q201 SMBT3904
D203 1N5817
D202 1N5817
L201 22uH
R210 150K
R209 0R
C206 47uF/6.3V
C201 470pF
R204 3.3K
R208 10K
C203 22uF/6.3V
C204 22uF/6.3V
BAT
Vdd
BLED
3V
U6 ADNS2030
SCLK
XA
XB
YB
YA
LED
RefA
RefB
SDIO
PD
RBIN
VDD
GND
OSCout
OSCin
EXT-SCLK
EXT-SDIO
EXT-PD
EXT-VCC
D2 RED
Q1 2N3906
R9 1K
R8 22K 1%
R10 10R
C24 104
C23 10uF/6.3V
Y3 18.432MHz
C26 104
C25 4.7uF/6.3V
CON3 4PIN*2
JP3 4PIN*2
CON4 3PIN*2
JP4 3PIN*2
EXT-IDKEY
EXT-R
EXT-L
EXT-M
EXT-A
EXT-Z
EXT-BAT
EXT-BLED
EXT-SCLK
EXT-SDIO
EXT-PD
IDKEY
BAT
BLED1
SCLK
SDIO
PD
VCC
D3 RED
SW1 SW
SW2 SW
SW3 SW
SW4 SW
SW5 IRSW2
U2 HT82K68E28
EPDI
EPDO
EPSK
EPCS
CE
CS
CLK
DIN
VDET
Y1 6MHz
C3 15pF
C6 15pF
R4 270K
C11 1uF
C9 0.1uF
R14 330R
R11 1K
R12 1K
R13 1K
R5 150K
R6 150K
C10 100pF
C14 100pF
U4 XC61CN22
OUT
VDD
VSS
D1 RB520
U5 FS8806-33
L8 82uH
C21 0.1uF
C19 47uF/6.3V
C22 0.1uF
C20 47uF/6.3V
R501 1K
U1 93LC46
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
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: