M-U6●(UK)

Rev   Description   Date   Approved
PA3

U1

P04 16   LEFT
P05 15   RIGHT
P06 14   MIDDLE
P07 13
D+   12   D+
D-   11   D-
VCC 10   VCC
XTOUT 9

P00   1   LED1
P01   2   X
P02   3
P03   4   Y
VSS   5
VPP   6
VREG 7
XTIN 8

CY7C63221 (DIP)

SW1   GND 2   E
SW2   GND 2   3
SW3   3   2

VBUS

C1 100pF
C3 100pF
C5 4.7uF
C2 100nF
R1 1K3 1%
R2* 0

D+ 5 J1
D- 4 J1
    3 J1
    2 J1
    1 J1

X Axis RAMBOS RAMBOS   LO1
Y Axis RAMBOS RAMBOS   LO2
Wheel   RAMBOS RAMBOS   LO3

WHEEL

LO2 EE 1 1K0
LO1 EE 1 1K0
LO3 R2163-2/F13
R3 47
R4 82

VBUS
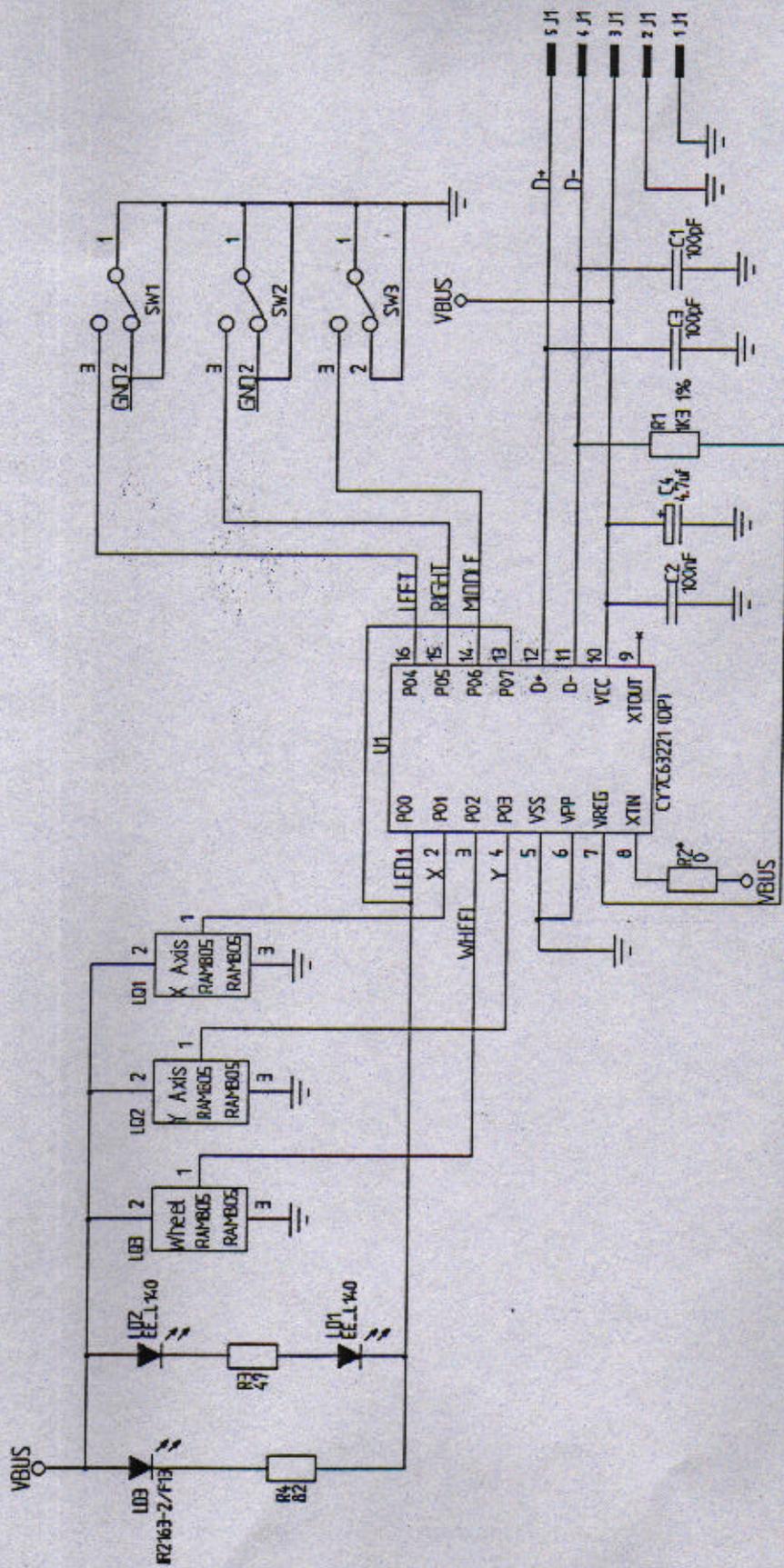
R2*

P21, XTIN
not connected (open)   Remove Wake up Mode default
Connected to Vcc   Both button and device movement (switch and motion wakeup)
                        Press buttons only (switch wakeup)

M-U69(UJ)

SW1
1
2
3

SW2
1
2
3

SW3
1
2
3

U1
KS86C6504

PB   6
P14   7
P15   8
RESET 13
D+   14
D-   15
Xin   12

P10   3
P11   4
P12   5
P01   9
P00   2
TEST 10
Vdd   16
Vss   1
Xout 11

R2
0 ohm *

VCC

XT1
6Mhz

C1
0.1uf
VCC

C3
C4

R4 470K **
R2 470K **

C2
4.7uf

VCC

LD2
R2263-2/F13
R1
82
VCC

LD2
Wheel
RAMB05
RAMB05
VCC

LD1
EE_L140
VCC

LD1
X Axis
RAMB05
RAMB05
VCC

LD3
EE_L140
R3
47
VCC

LD3
Y Axis
RAMB05
RAMB05
VCC

1 J1
2 J1
3 J1
4 J1
5 J1

C3,C4 reserved ,Samsung internal cap. is enough

* R2 Not Mounted ; Remote Wakeup Enabled

** Not Mounted