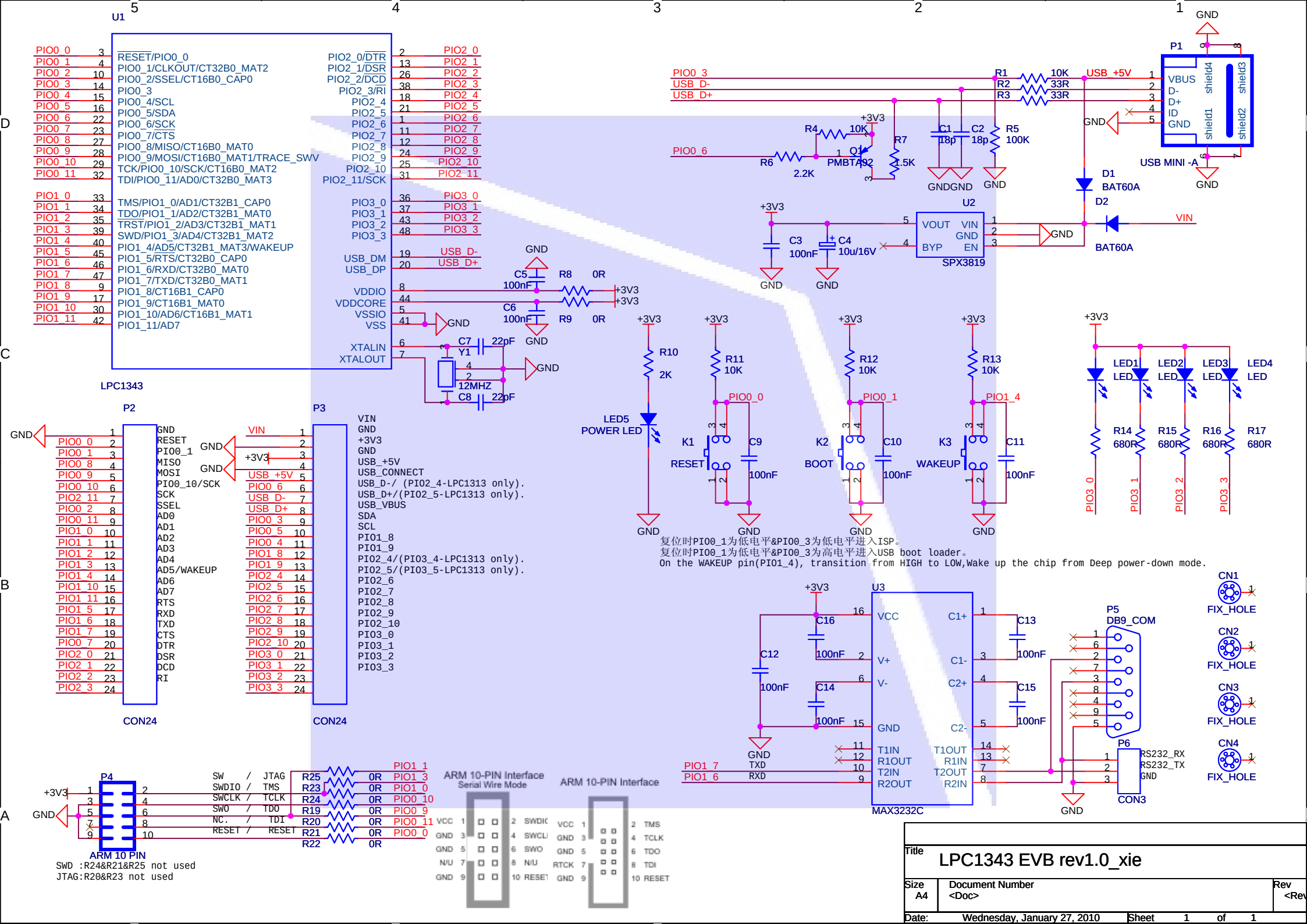
U1
LPC1343
RESET/PIO0_0
PIO0_1/CLKOUT/CT32B0_MAT2
PIO0_2/SSEL/CT16B0_CAP0
PIO0_3
PIO0_4/SCL
PIO0_5/SDA
PIO0_6/SCK
PIO0_7/CTS
PIO0_8/MISO/CT16B0_MAT0
PIO0_9/MOSI/CT16B0_MAT1/TRACE_SWV
TCK/PIO0_10/SCK/CT16B0_MAT2
TDI/PIO0_11/AD0/CT32B0_MAT3
TMS/PIO1_0/AD1/CT32B1_CAP0
TDO/PIO1_1/AD2/CT32B1_MAT0
TRST/PIO1_2/AD3/CT32B1_MAT1
SWD/PIO1_3/AD4/CT32B1_MAT2
PIO1_4/AD5/CT32B1_MAT3/WAKEUP
PIO1_5/RTS/CT32B0_CAP0
PIO1_6/RXD/CT32B0_MAT0
PIO1_7/TXD/CT32B0_MAT1
PIO1_8/CT16B1_CAP0
PIO1_9/CT16B1_MAT0
PIO1_10/AD6/CT16B1_MAT1
PIO1_11/AD7
PIO2_0/DTR
PIO2_1/DSR
PIO2_2/DCD
PIO2_3/RI
PIO2_4
PIO2_5
PIO2_6
PIO2_7
PIO2_8
PIO2_9
PIO2_10
PIO2_11/SCK
PIO3_0
PIO3_1
PIO3_2
PIO3_3
USB_DM
USB_DP
USB_D-
USB_D+
VDDIO
VDDCORE
VSSIO
VSS
XTALIN
XTALOUT
C5 100nF
C6 100nF
R8 0R
R9 0R
C7 22pF
C8 22pF
Y1 12MHZ
P1
USB MINI -A
VBUS
D-
D+
ID
GND
shield1
shield2
shield3
shield4
R1 10K
R2 33R
R3 33R
R4 10K
R5 100K
R6 2.2K
R7 1.5K
C1 18p
C2 18p
Q1 PMBT2192
USB_+5V
D1 BAT60A
D2 BAT60A
VIN
U2
SPX3819
VOUT
VIN
GND
BYP
EN
C3 100nF
C4 10u/16V
P2
CON24
P3
CON24
VIN
GND
+3V3
USB_+5V
USB_CONNECT
USB_D-/ (PIO2_4-LPC1313 only).
USB_D+/(PIO2_5-LPC1313 only).
USB_VBUS
SDA
SCL
PIO1_8
PIO1_9
PIO2_4/(PIO3_4-LPC1313 only).
PIO2_5/(PIO3_5-LPC1313 only).
PIO2_6
PIO2_7
PIO2_8
PIO2_9
PIO2_10
PIO3_0
PIO3_1
PIO3_2
PIO3_3
LED5 POWER LED
R10 2K
R11 10K
R12 10K
R13 10K
K1 RESET
K2 BOOT
K3 WAKEUP
C9 100nF
C10 100nF
C11 100nF
LED1 LED
LED2 LED
LED3 LED
LED4 LED
R14 680R
R15 680R
R16 680R
R17 680R
复位时PIO0_1为低电平&PIO0_3为低电平进入ISP。
复位时PIO0_1为低电平&PIO0_3为高电平进入USB boot loader。
On the WAKEUP pin(PIO1_4), transition from HIGH to LOW,Wake up the chip from Deep power-down mode.
U3
MAX3232C
VCC
V+
V-
GND
C1+
C1-
C2+
C2-
T1IN
R1OUT
T2IN
R2OUT
T1OUT
R1IN
T2OUT
R2IN
C12 100nF
C13 100nF
C14 100nF
C15 100nF
C16 100nF
P5
DB9_COM
P6
CON3
RS232_RX
RS232_TX
CN1 FIX_HOLE
CN2 FIX_HOLE
CN3 FIX_HOLE
CN4 FIX_HOLE
P4
ARM 10 PIN
SW / JTAG
SWDIO / TMS
SWCLK / TCLK
SWO / TDO
NC. / TDI
RESET / RESET
R19 0R
R20 0R
R21 0R
R22 0R
R23 0R
R24 0R
R25 0R
ARM 10-PIN Interface
Serial Wire Mode
ARM 10-PIN Interface
SWD :R24&R21&R25 not used
JTAG:R20&R23 not used
Title
LPC1343 EVB rev1.0_xie
Size
A4
Document Number
<Doc>
Rev
<Rev
Date:
Wednesday, January 27, 2010
Sheet
1
of
1