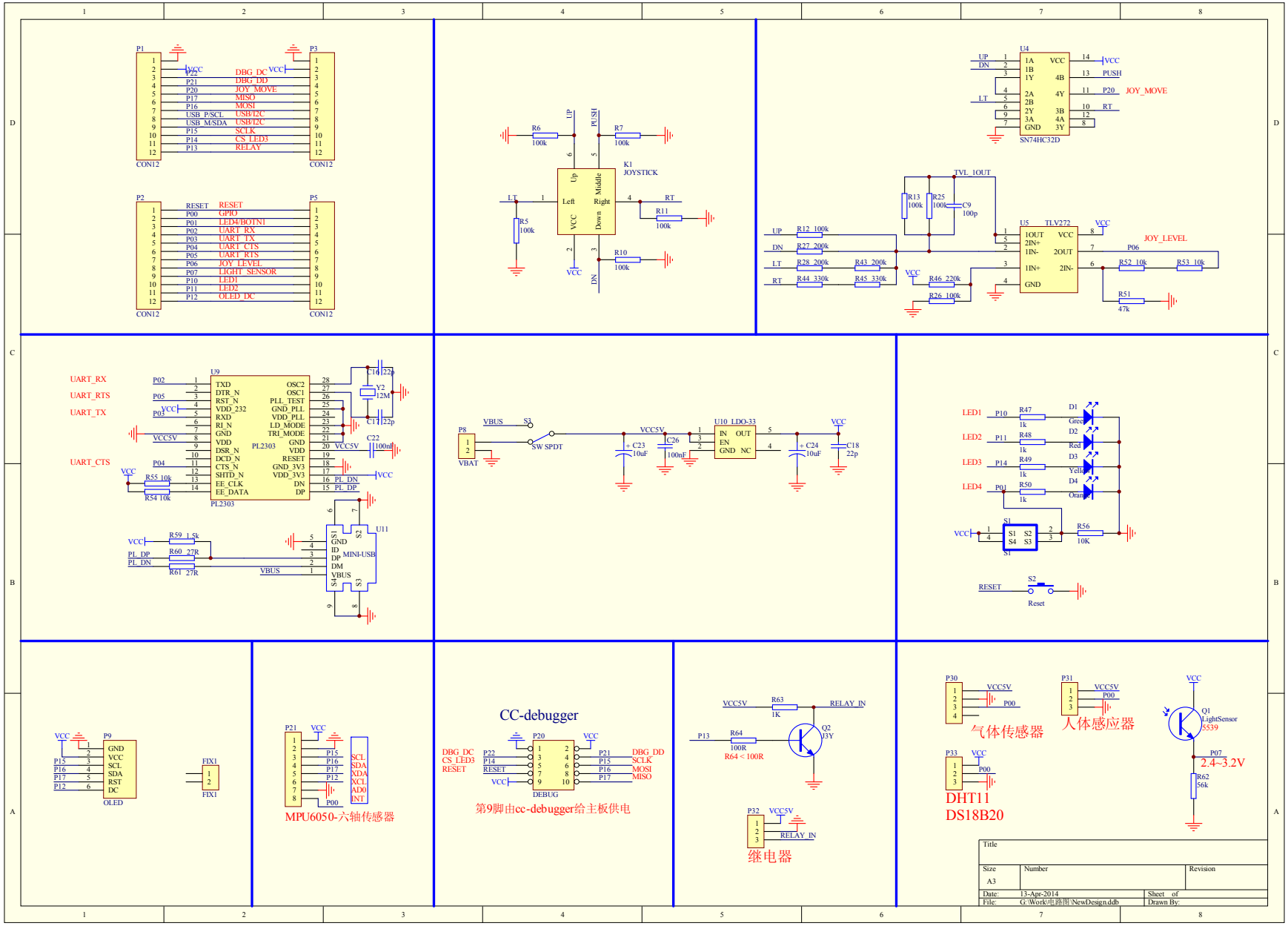
P1
CON12
P3
CON12
P2
CON12
P5
CON12
VCC
P22 DBG_DC
P21 DBG_DD
P20 JOY_MOVE
P17 MISO
P16 MOSI
USB_P/SCL USB/I2C
USB_M/SDA USB/I2C
P15 SCLK
P14 CS_LED3
P13 RELAY
RESET RESET
P00 GPIO
P01 LED4/BOTNT
P02 UART_RX
P03 UART_TX
P04 UART_CTS
P05 UART_RTS
P06 JOY_LEVEL
P07 LIGHT_SENSOR
P10 LED1
P11 LED2
P12 OLED_DC
R6 100k
R7 100k
K1
JOYSTICK
Up
Left
Middle
Right
Down
VCC
LT
RT
UP
DN
R5 100k
R11 100k
R10 100k
U4
SN74HC32D
1A
1B
1Y
2A
2B
2Y
3A
3B
3Y
4A
4B
4Y
GND
VCC
PUSH
JOY_MOVE
TVL_1OUT
R13 100k
R25 100k
C9 100p
U5 TLV272
1OUT
1IN-
1IN+
2IN+
2IN-
2OUT
R12 100k
R27 200k
R28 200k
R43 200k
R44 330k
R45 330k
R46 220k
R26 100k
R52 10k
R53 10k
R51 47k
UART_RX
UART_RTS
UART_TX
UART_CTS
U9
PL2303
TXD
DTR_N
RST_N
VDD_232
RXD
RI_N
GND
VDD
DSR_N
DCD_N
CTS_N
SHTD_N
EE_CLK
EE_DATA
OSC2
OSC1
PLL_TEST
GND_PLL
VDD_PLL
LD_MODE
TRI_MODE
GND
VDD
RESET
GND_3V3
VDD_3V3
DN
DP
PL_DN
PL_DP
VCC5V
C16 22p
Y2 12M
C17 22p
C22 100nF
R55 10k
R54 10k
U11
MINI-USB
GND
ID
DP
DM
VBUS
R59 1.5k
R60 27R
R61 27R
P8
VBAT
VBUS
S3
SW SPDT
C23 10uF
C26 100nF
U10 LDO-33
IN
OUT
EN
GND
NC
C24 10uF
C18 22p
LED1
LED2
LED3
LED4
P10
P11
P14
P01
R47 1k
R48 1k
R49 1k
R50 1k
D1 Gree
D2 Red
D3 Yelk
D4 Oran
S1
R56 10K
RESET
S2
Reset
P9
OLED
GND
VCC
SCL
SDA
RST
DC
FIX1
P21
MPU6050-六轴传感器
SCL
SDA
XDA
XCL
AD0
INT
CC-debugger
P20
DEBUG
DBG_DC
CS_LED3
RESET
DBG_DD
SCLK
MOSI
MISO
第9脚由cc-debugger给主板供电
VCC5V
R63 1K
RELAY_IN
P13
R64 100R
R64 < 100R
Q2
13Y
P32
继电器
P30
气体传感器
P31
人体感应器
P33
DHT11
DS18B20
Q1
LightSensor
5539
P07
2.4~3.2V
R62 56k
Title
Size
A3
Number
Revision
Date: 13-Apr-2014
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File: G:\Work\电路图\NewDesign.ddb
Drawn By: