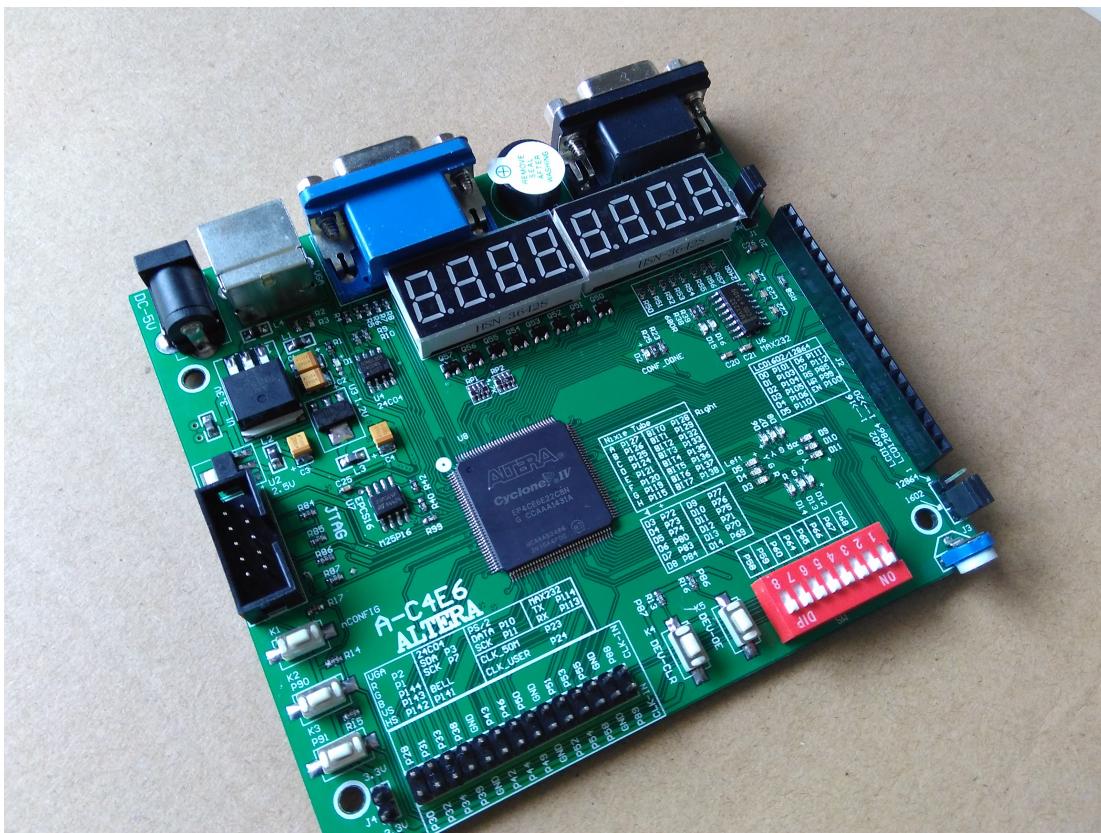


Email:906606596@qq.com

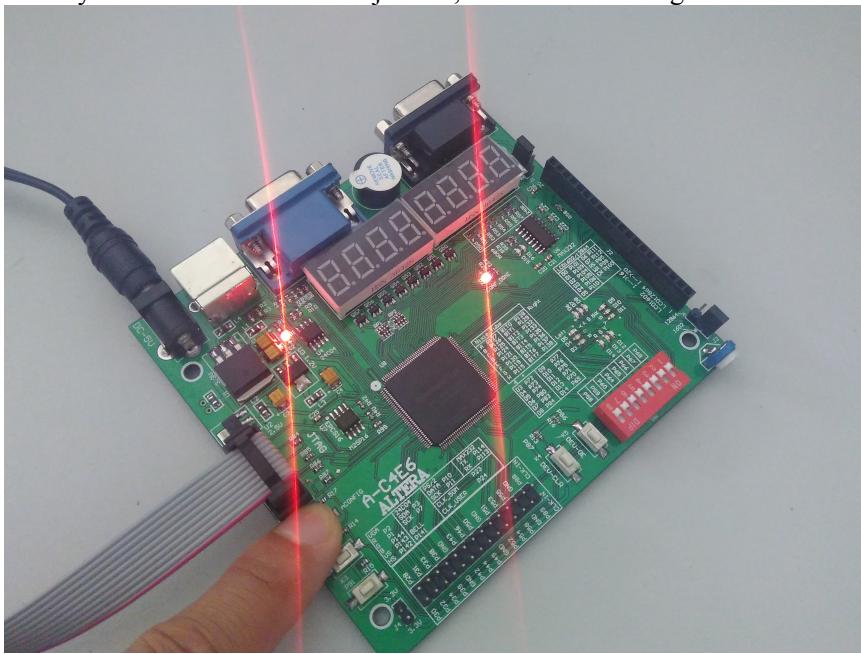
Test A-C4E6 FPGA Board



First connect all ok , later power on

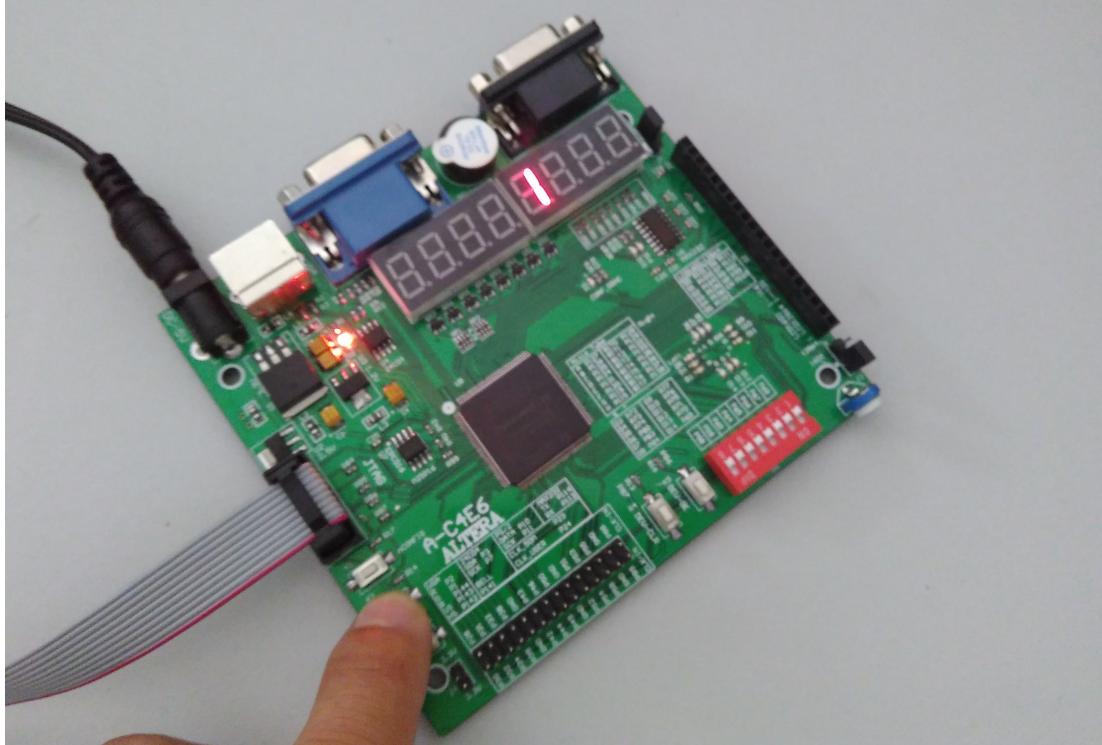
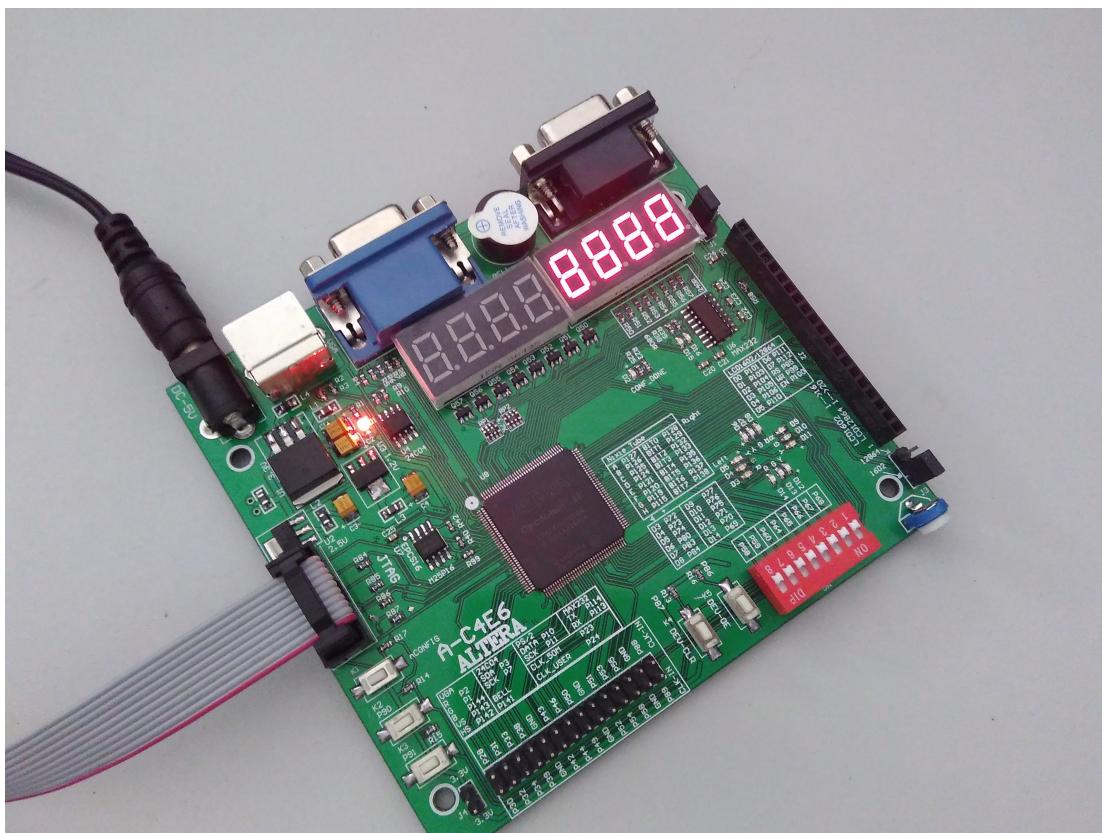
Test K1

If you press down K1 ,the LED D2 will lighth . Your hand can leave the K1, the LED D2 will do not light . FPGA will read date from EPICS16(or M25P16),configer FPGA
When you download .sof file or .jic file ,the LED D2 will lighth.

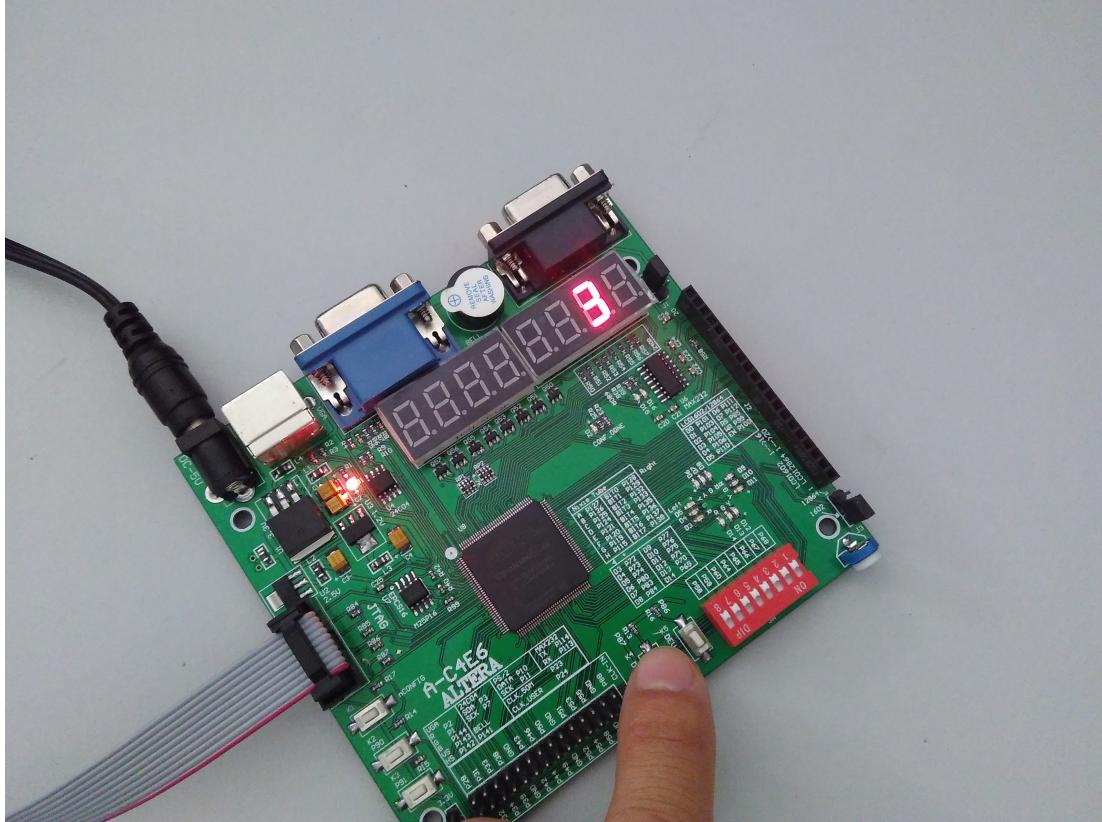
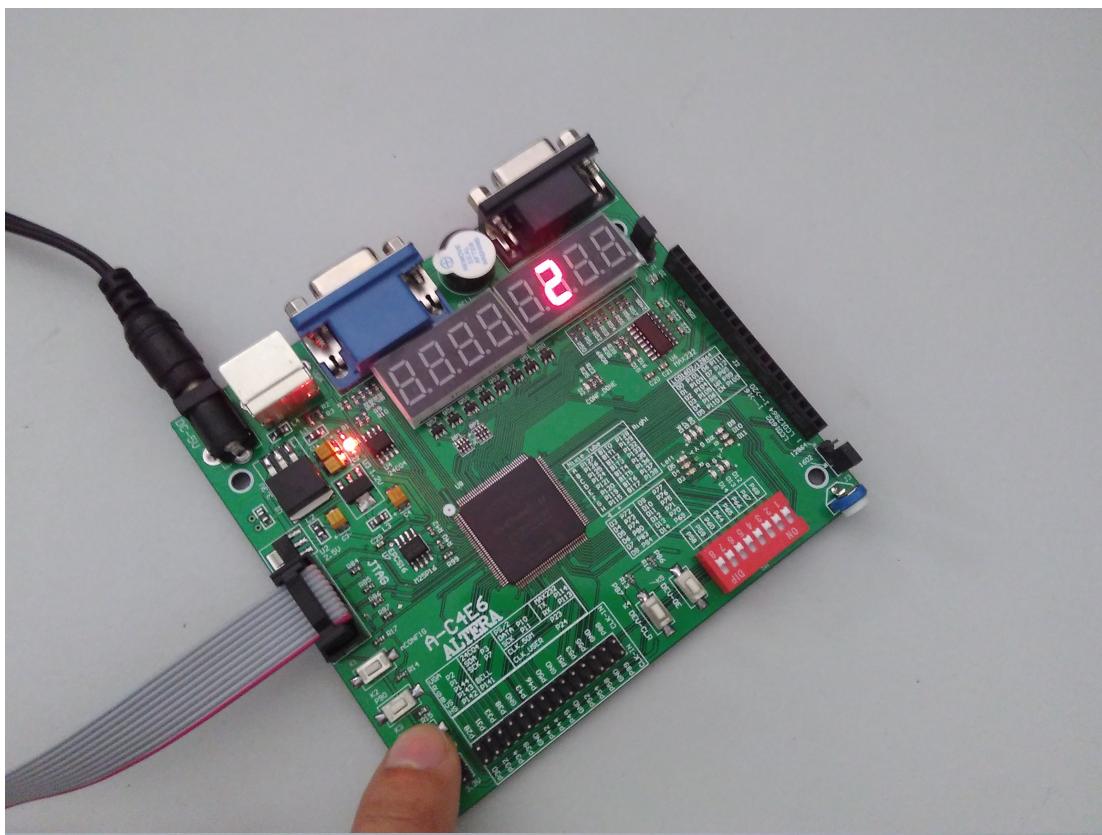


K2 K3 K4 K5 test , download key_test.sof , you can pres down K2 K3 K4 or K5

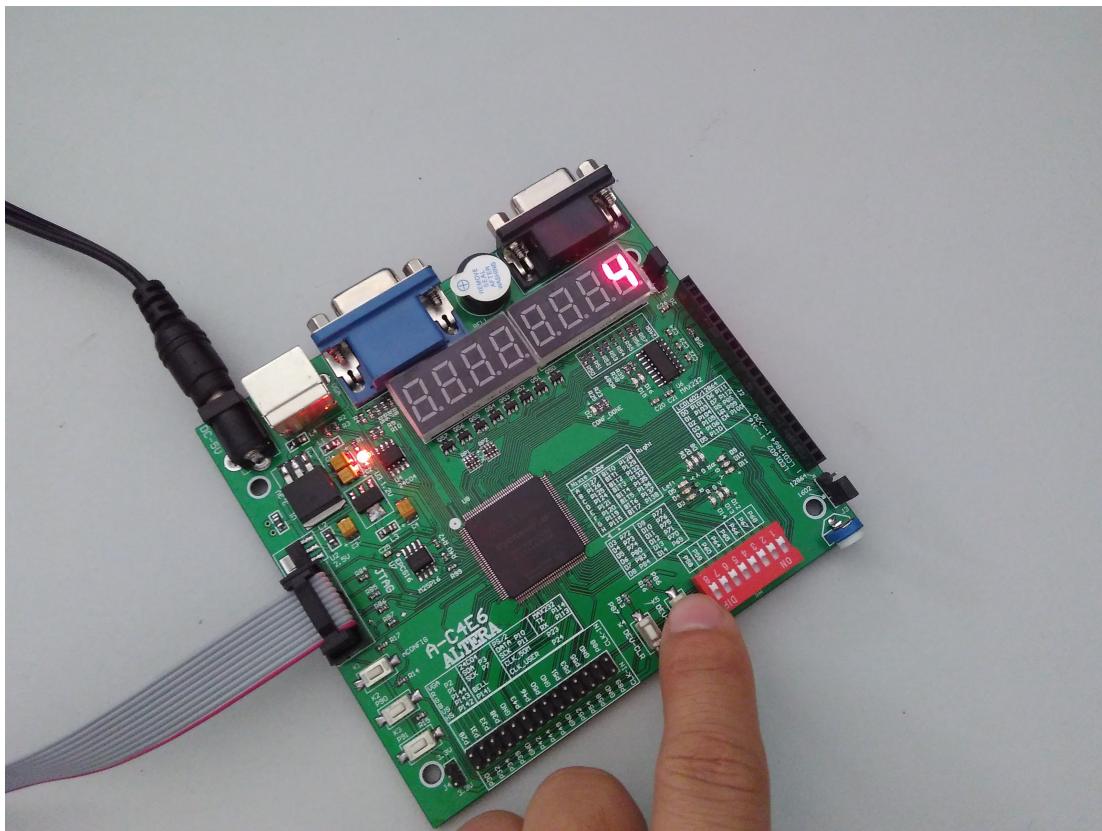
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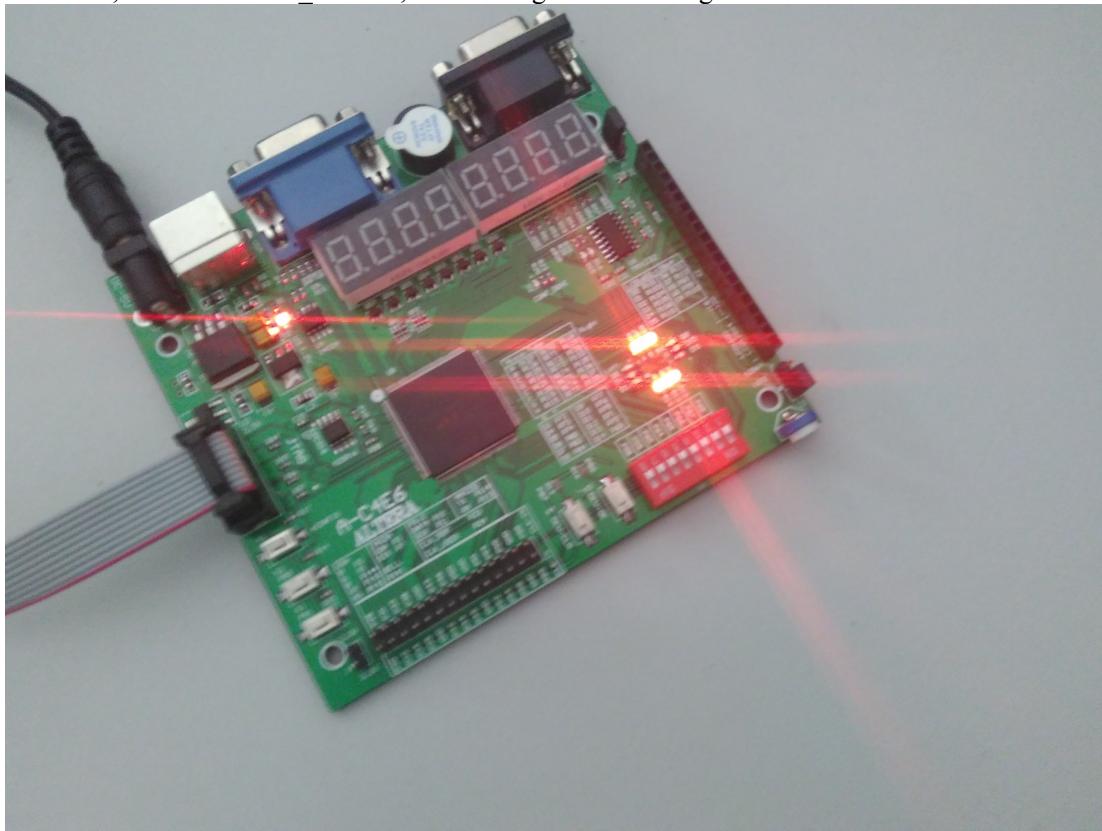
Email:906606596@qq.com



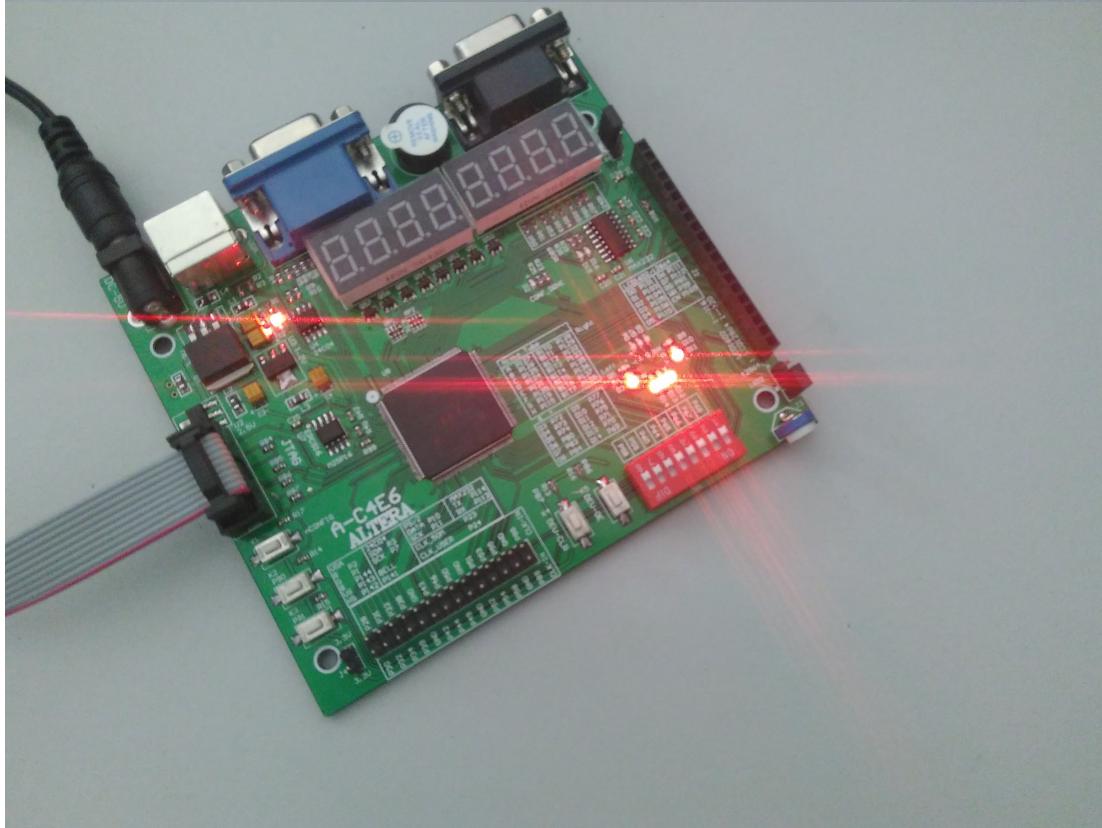
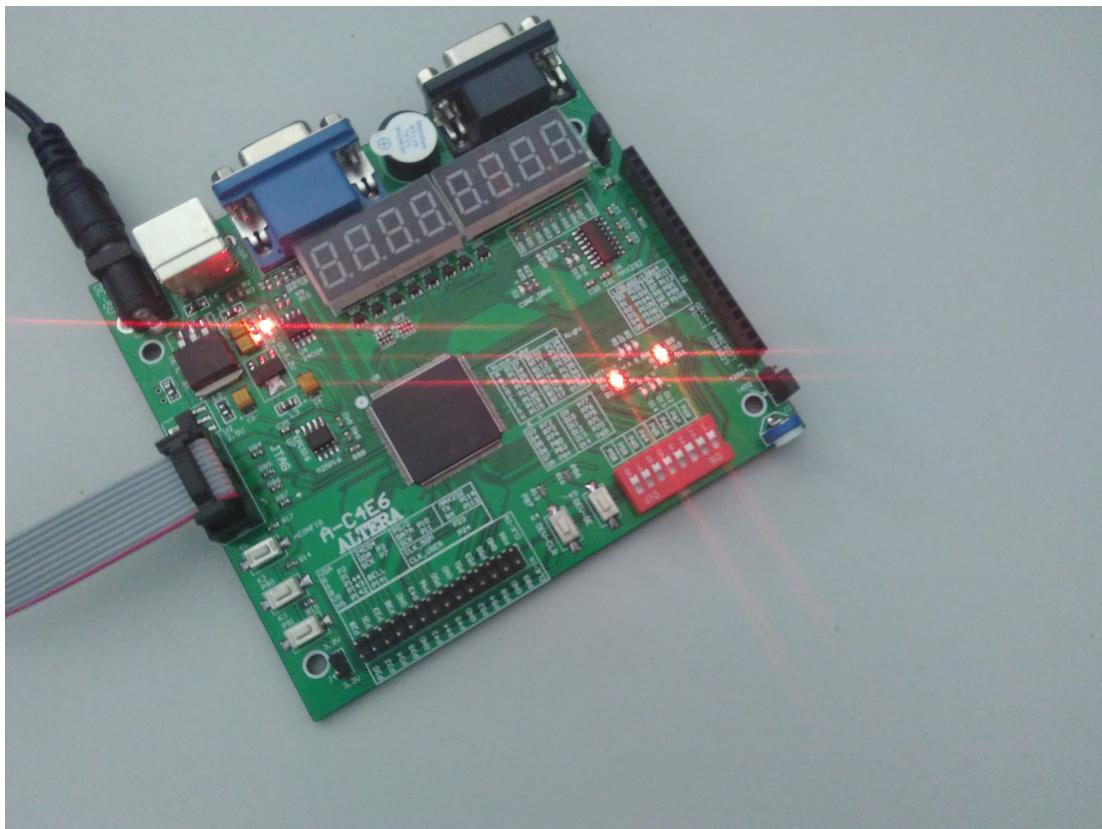
Email:906606596@qq.com



LED test , download led_test.sof , the LED light will chang .

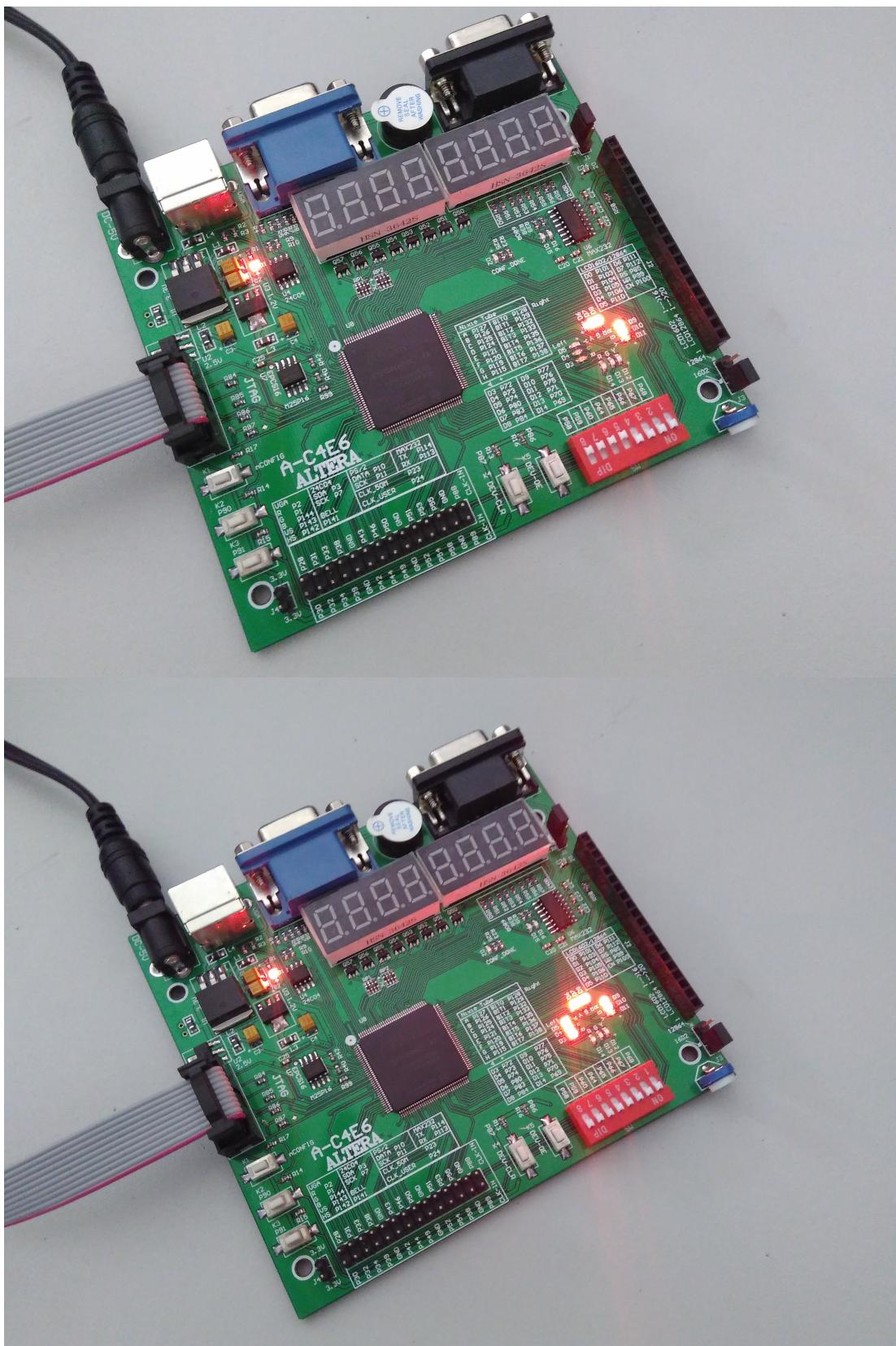


Email:906606596@qq.com



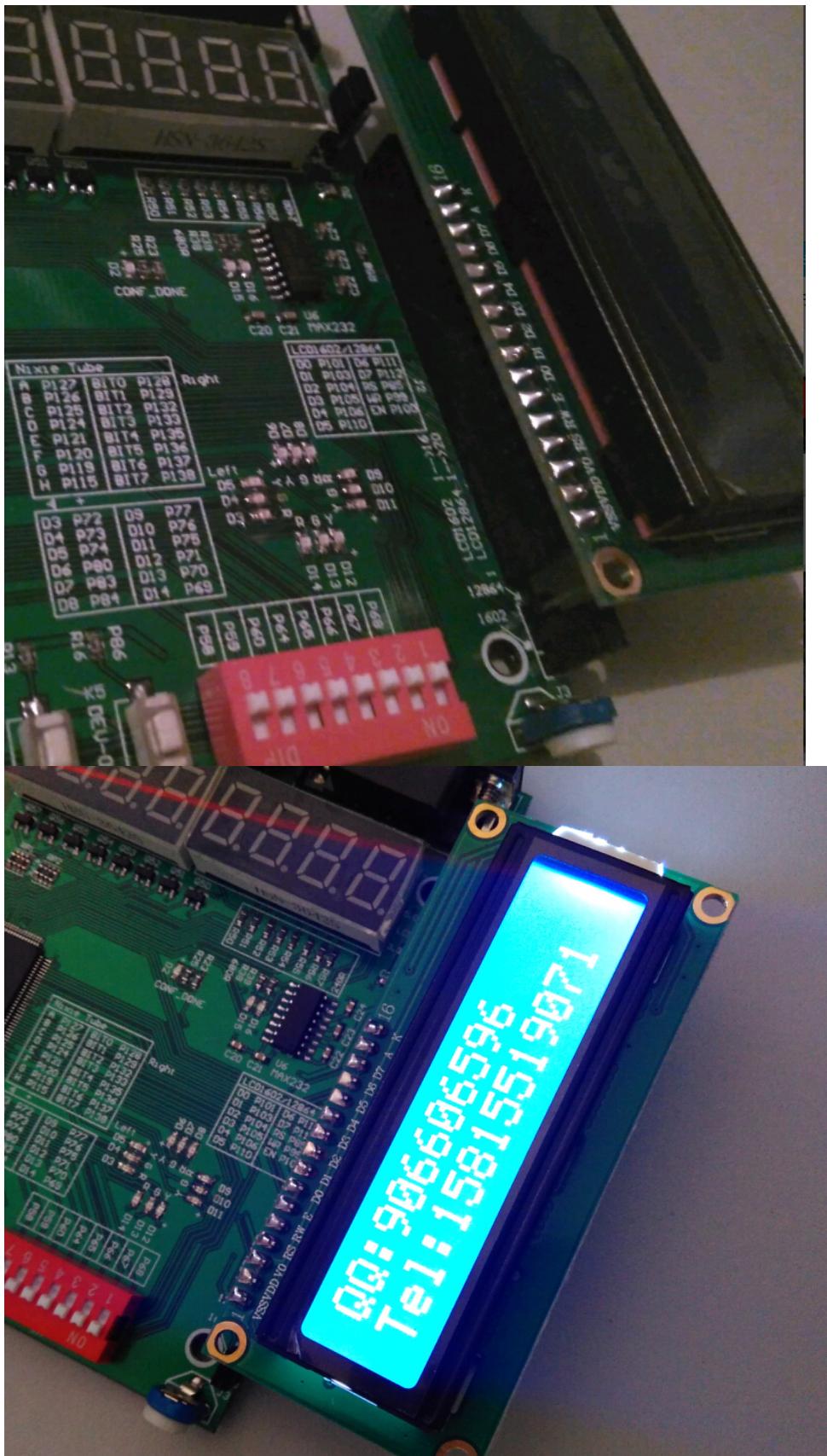
1X8 swith test , download swith_led.sof ,

Email:906606596@qq.com



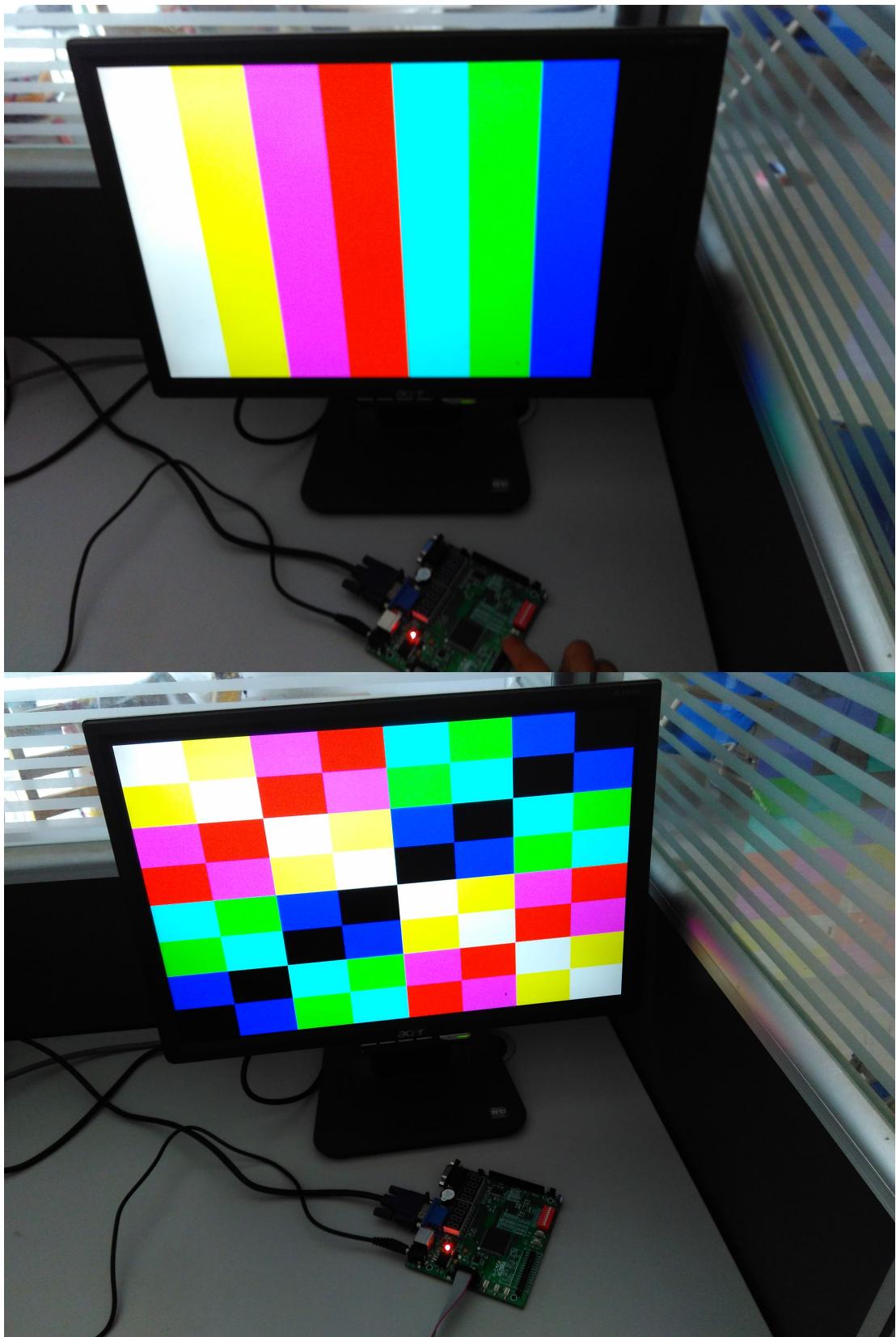
LCD1602 TEST , download LCD1602.sof , you can look display

Email:906606596@qq.com



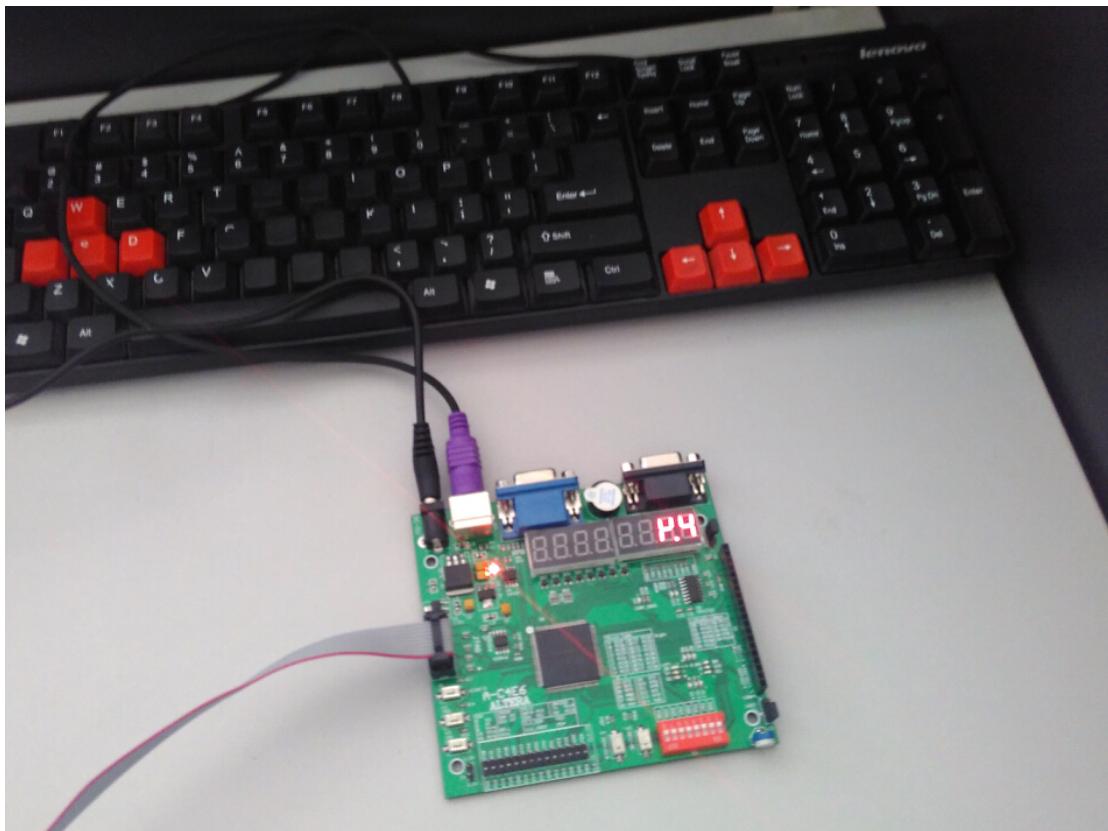
VGA test download VGA.sof , you can look PC LCD dispaly , press K4 or K5 will chang

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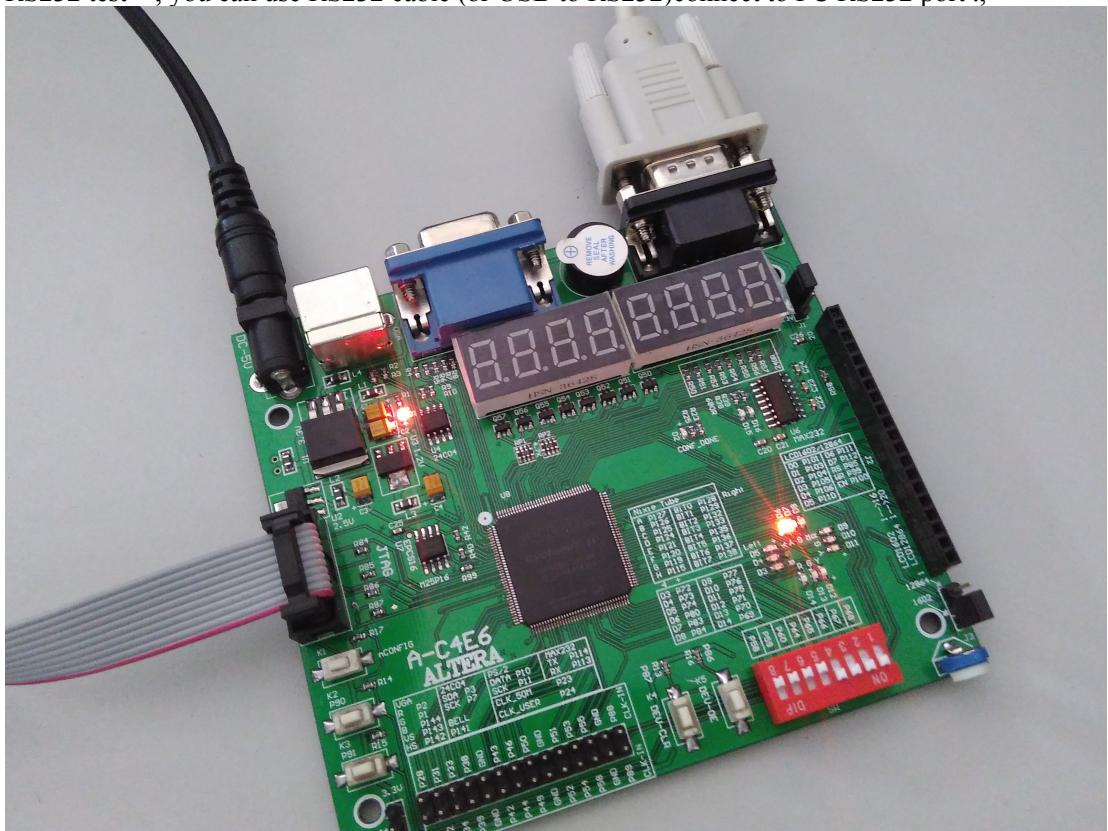


PS/2 test PS/2 keyboard connect to FPGA board , downlaod ps2.sof , you can press keyboard key , led will chang .

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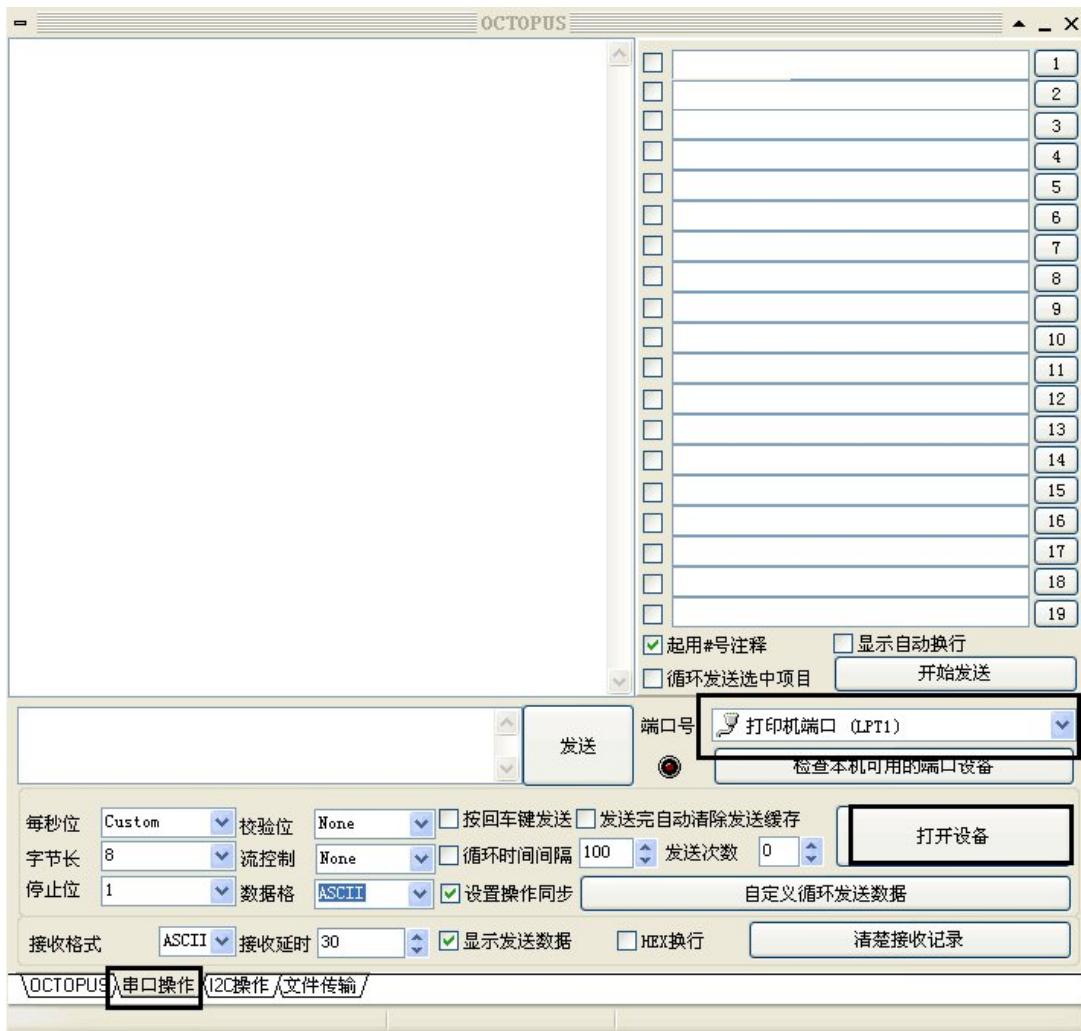
RS232 test , you can use RS232 cable (or USB to RS232)connect to PC RS232 port .,



I.m have not english COM tool . If you use RS232 connect to PC RS232 port , set COM1

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If you use usb to RS232, you need find your com number



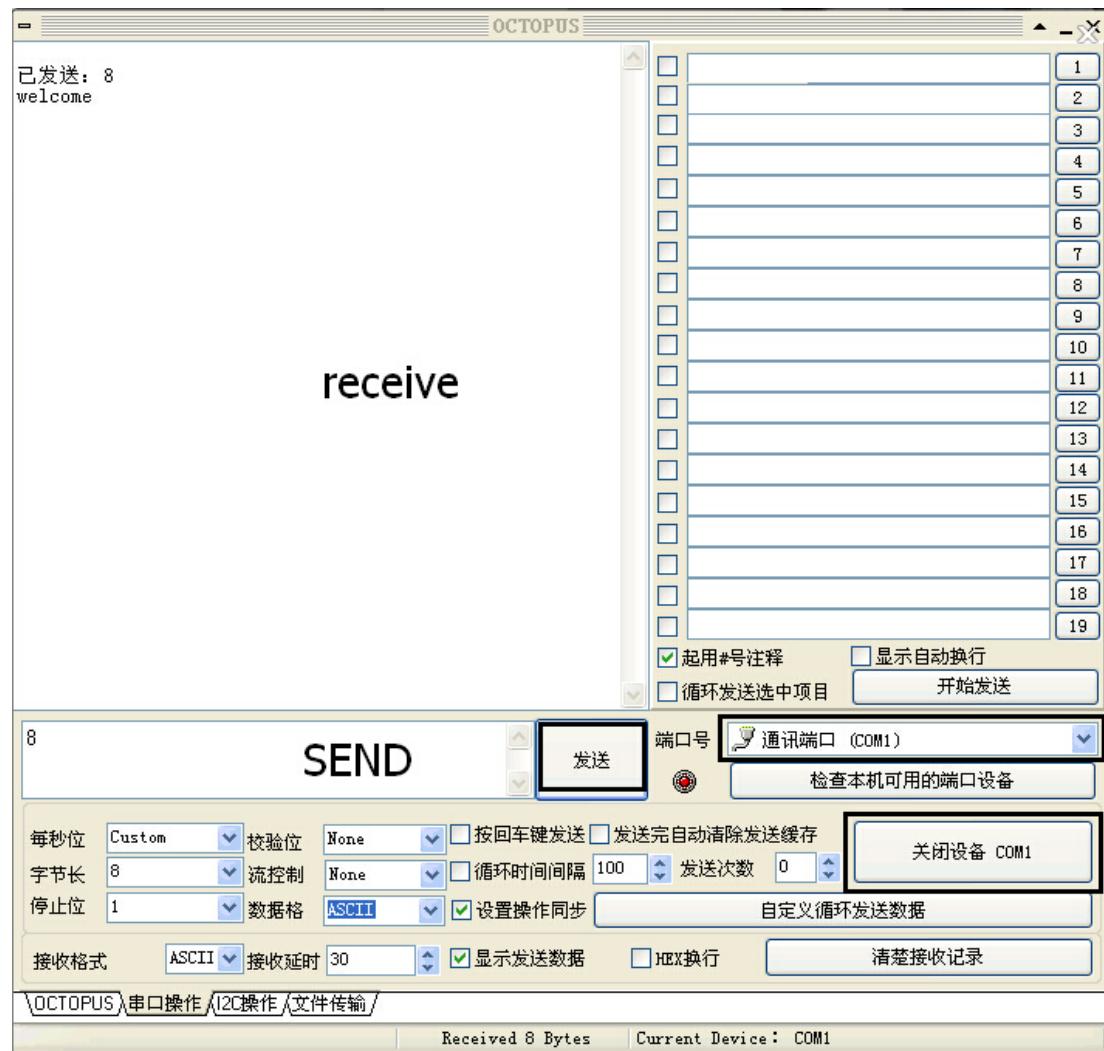
Now i use com1 , you can send 0 1 2 3 4 5 6 7 8 9 number , but you can only write one number
And send , the FPGA board will get and dispaly, like me send number 8.

You can press K4 , the FPGA board will send welcome to PC . And K5 IS RESET

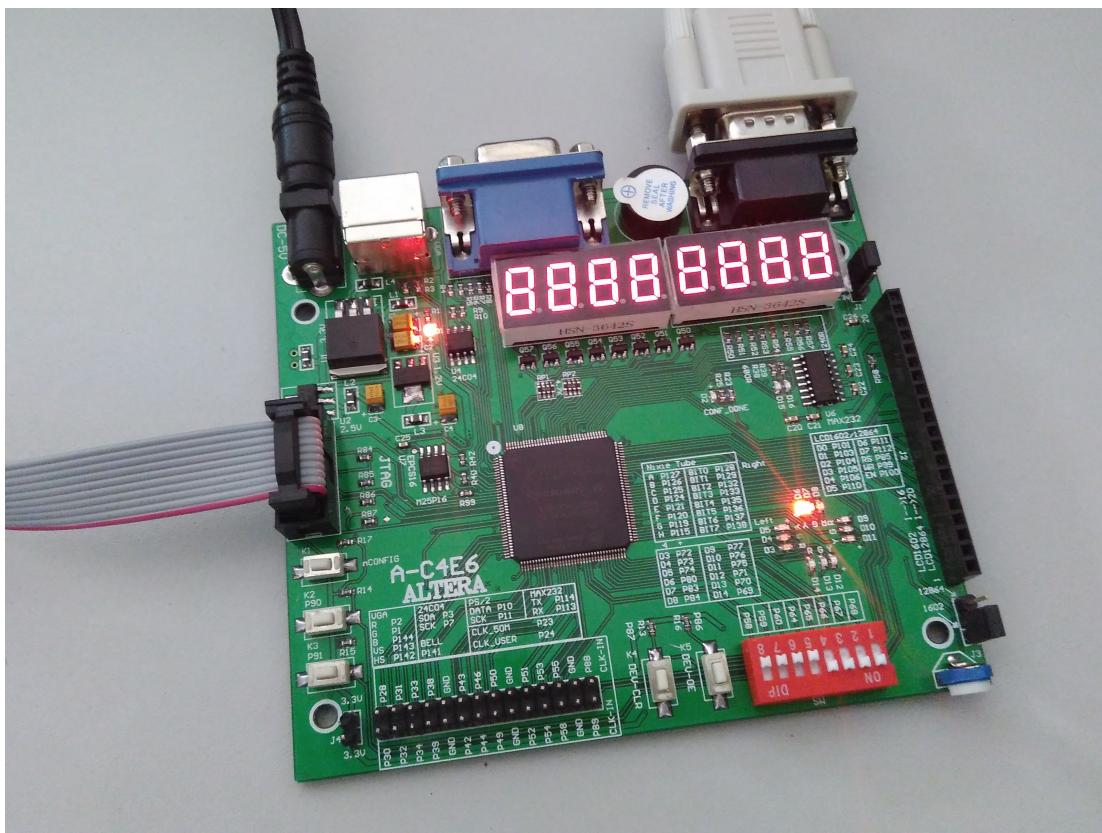
If board send date to pc ,LED D16 will light ,

If PC send date to board ,LED D15 will light ,

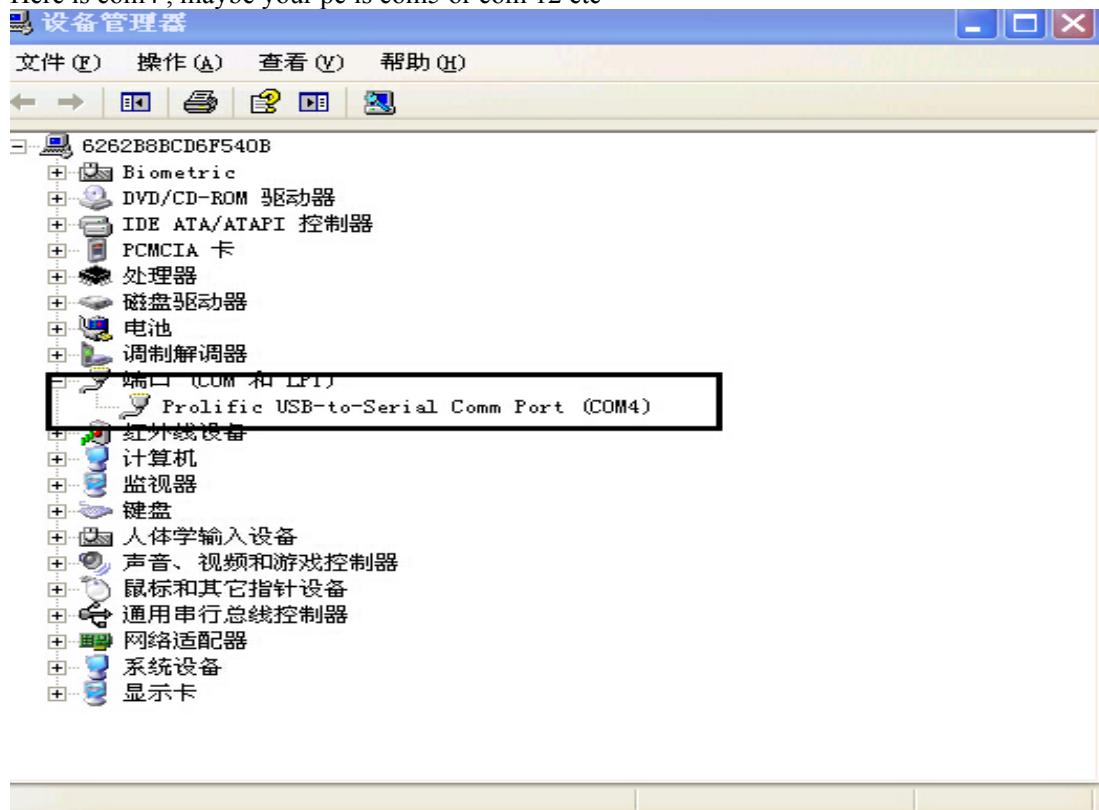
Email:906606596@qq.com



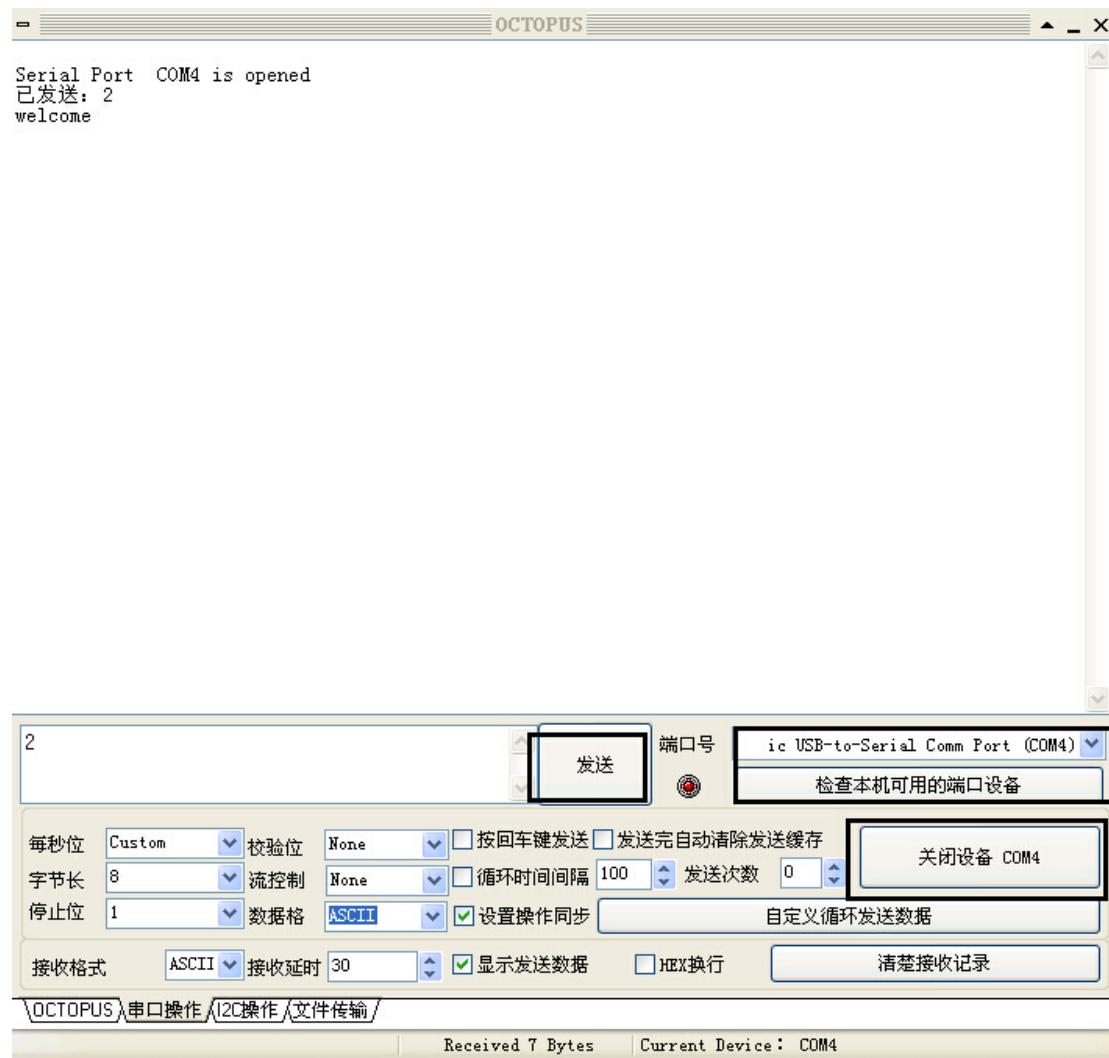
Email:906606596@qq.com



If you use our usb to ttl rxtx , you need to instell PL2303 driver .. You can find COM number
Here is com4 , maybe your pc is com5 or com 12 etc



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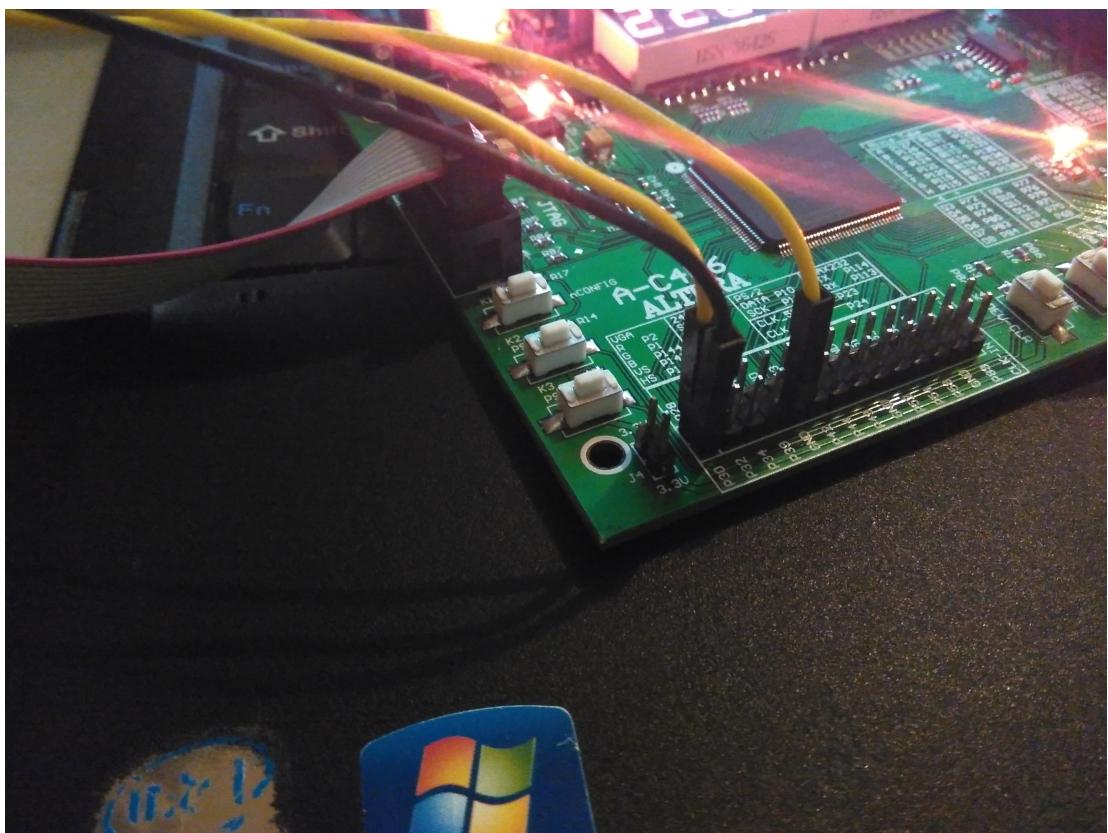


If you use our USB TO TTL RX TX, you need connect RX to FPGA board PIN28. connect TX to FPGA board PIN30, gnd connect to gnd

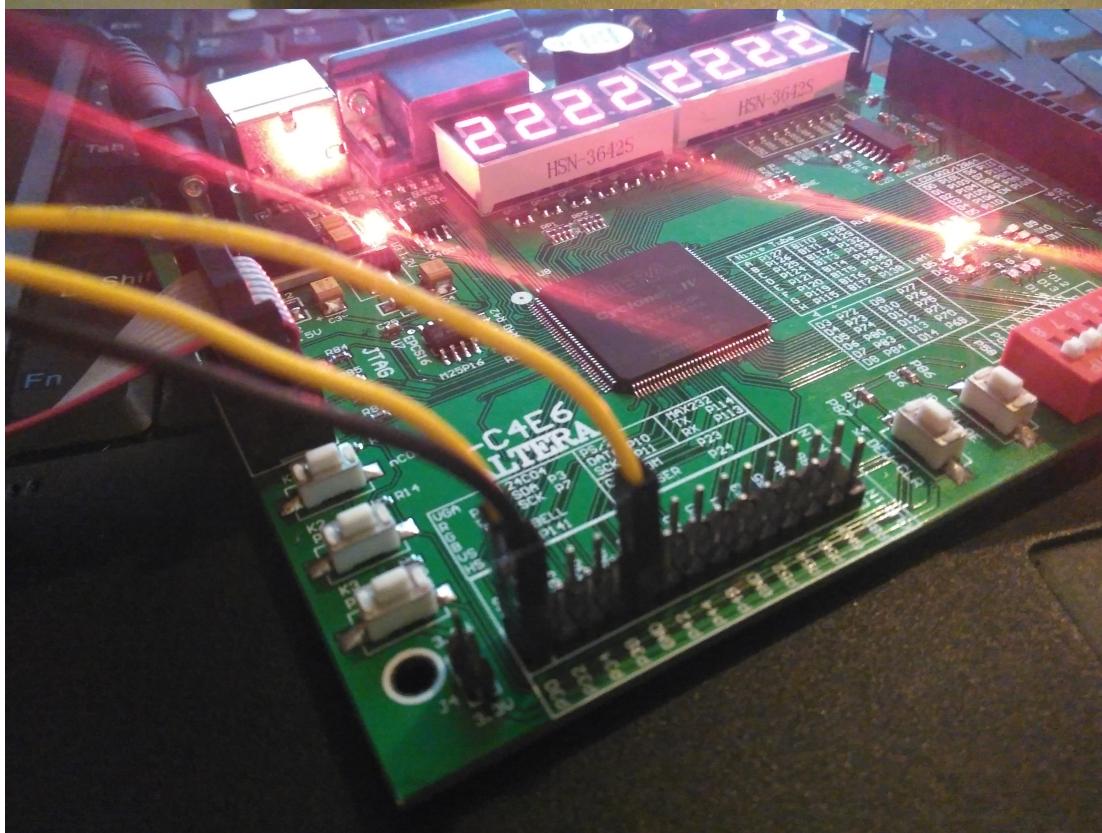
Download usb-ttl-rxtx.sof ,

you can send 0 1 2 3 4 5 6 7 8 9 number , but you can only write one number
And send , the FPGA board will get and dispaly, like me send number 2
You can press K4 , the FPGA board will send welcome to PC . And K5 IS RESET

Email:906606596@qq.com



Email:906606596@qq.com

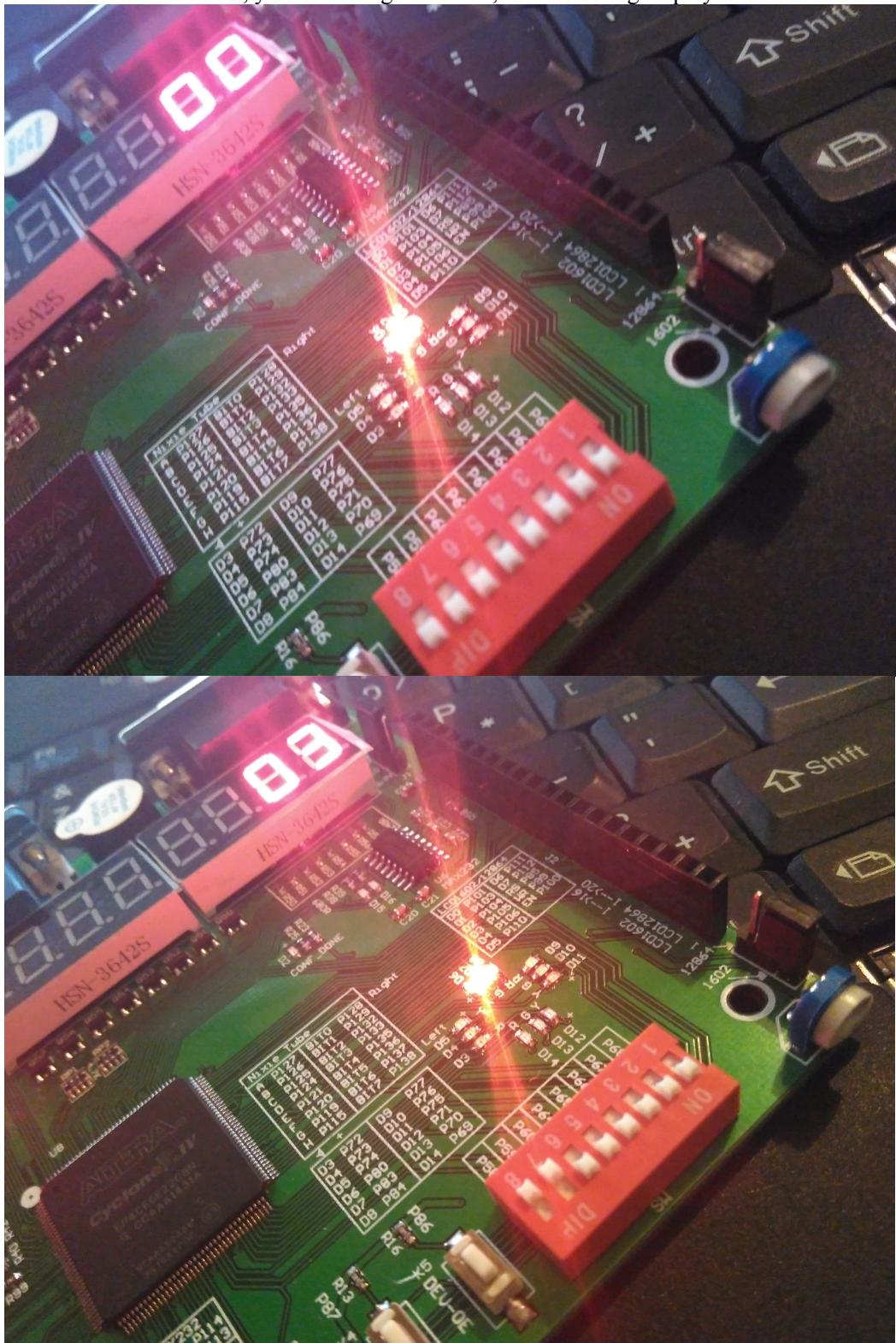


AT24C04 test

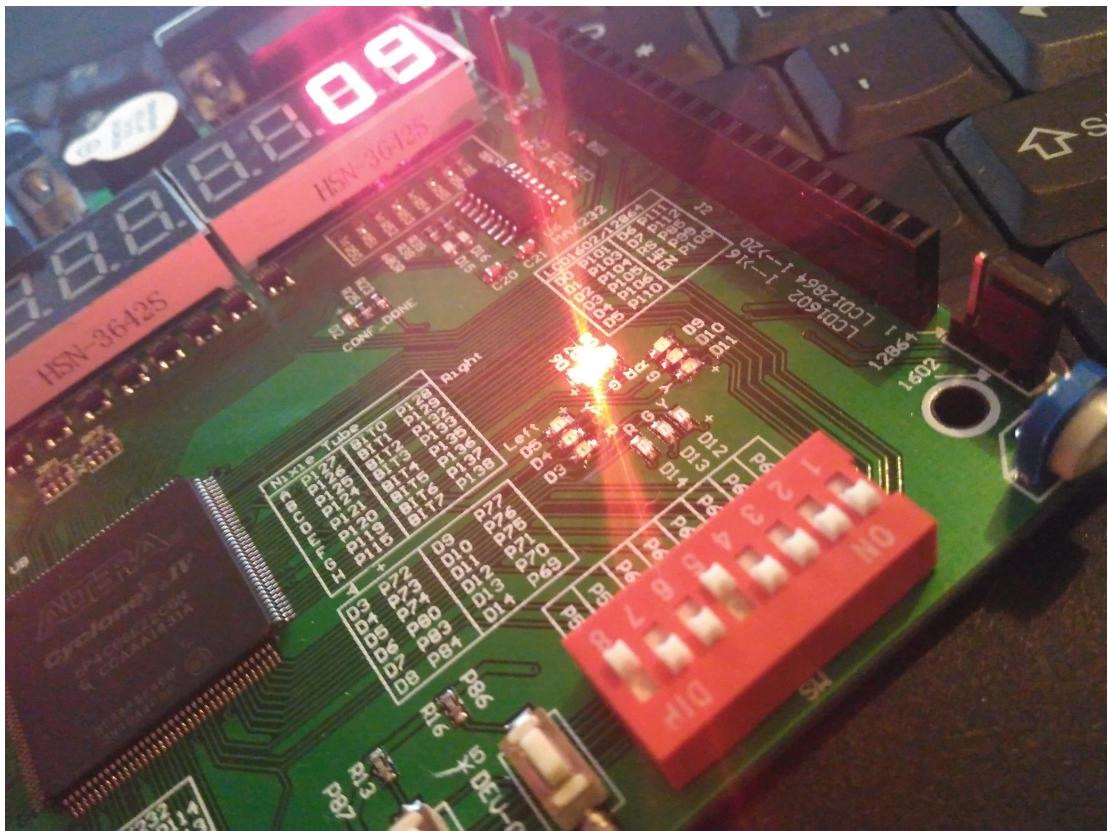
Email:906606596@qq.com



Download *I2c.sof* , you can change the switch , led will change display



Email:906606596@qq.com



Bell test download [Buzzer.sof](#), bell will sound

