BananaPi uses DVK-511

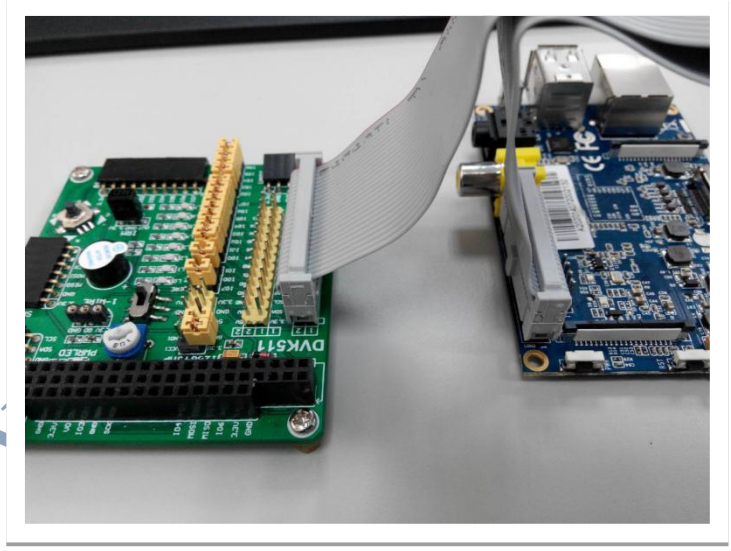
LED

By Justin Chen

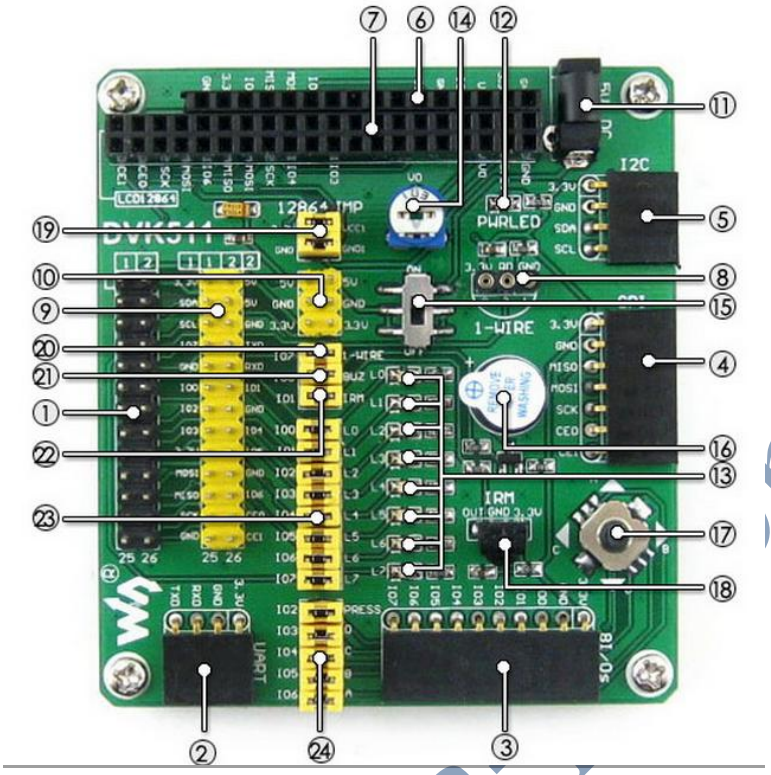
1. First go to website http://www.bananapi.com/ download BananaPi customized Raspbian Image; about how to burn the image into SD http://www.bananapi.com/index.php/download?layout=edit&id=42.

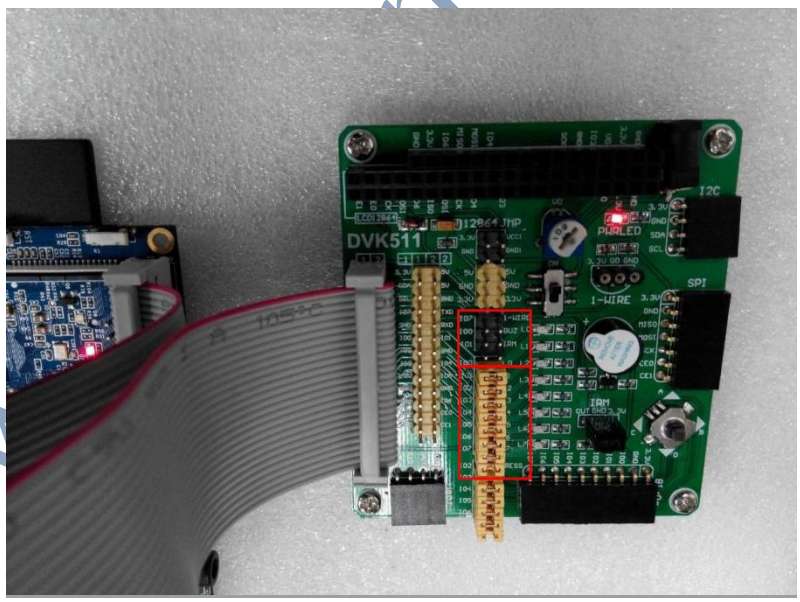
2. The Image burn in SD card has preload the customized WiringPi Lib before, if download WiringPi Lib by yourself, you will need to modify it, otherwise it can't use; WiringPi Lib can find in /opt/gpio-lib.

3. Banana Pi connect Adapter plate DVK511,as below picture showed.

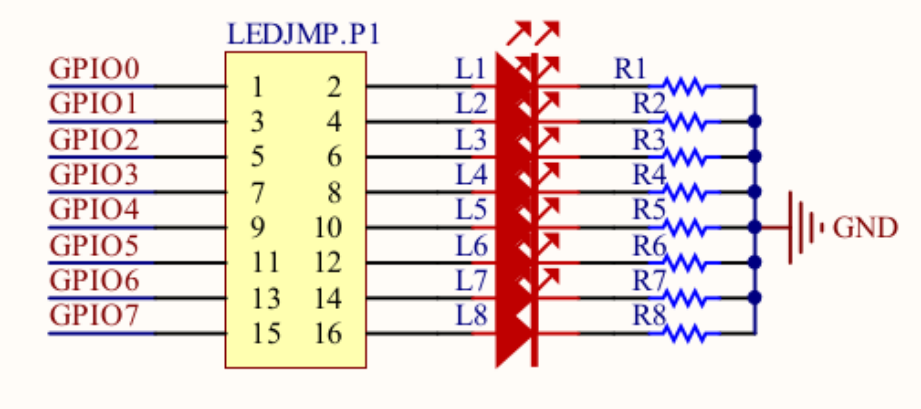


4. The thirteen socket of DVK511 is LED interface.
   The twenty-three socket is User LED jumper,it's no need to remove when testing.
   The twenty, twenty-fist, twenty-two sockets need remove when testing,
   otherwise those will affect the testing results.



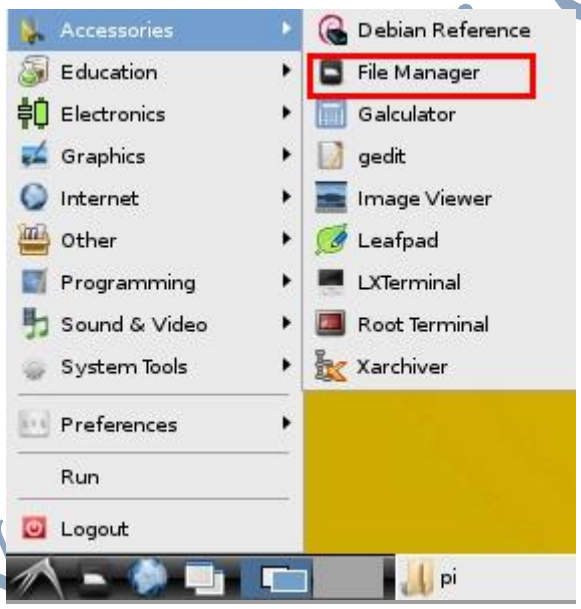


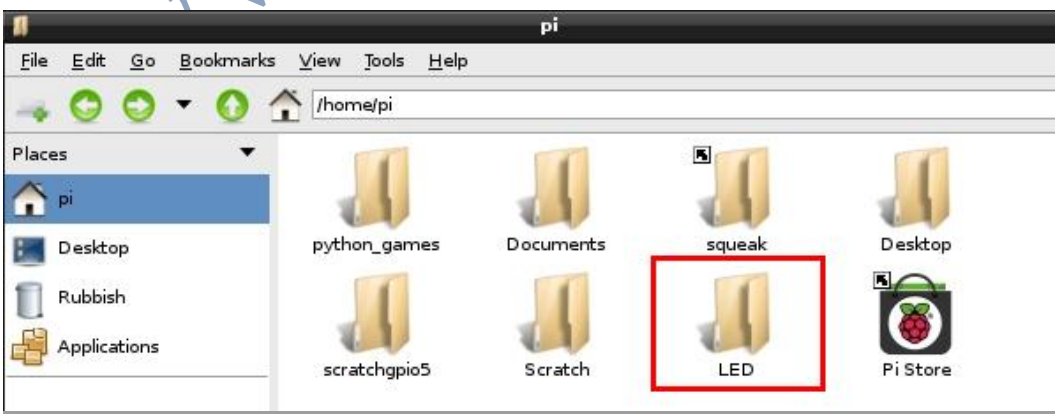
5. Check LED interface's corresponding table to get know each PIN's corresponding.



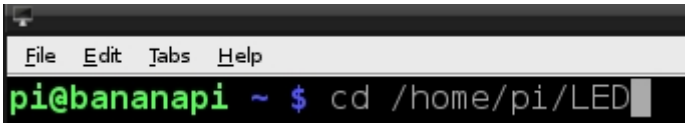
Above picture showed LED interface PIN's corresponding table

6. Using LED sample code to verify the functions,then open File Manager software put the LED folder copy to the home contents,like below picture showed.

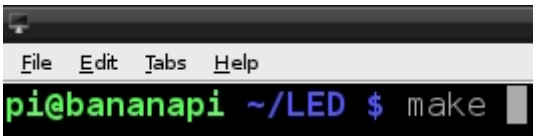




Change to the relative LED folder



Execute translate and edit order



Execute order and open LED

7. Finally, check DVK-511 mainboard LED L0-L7 is light or not.