

Environment Building

for Windows

Github: <https://github.com/verimake-team/SparkRoad-FPGA>

Present by: Verimake



1 Click or Type or Select

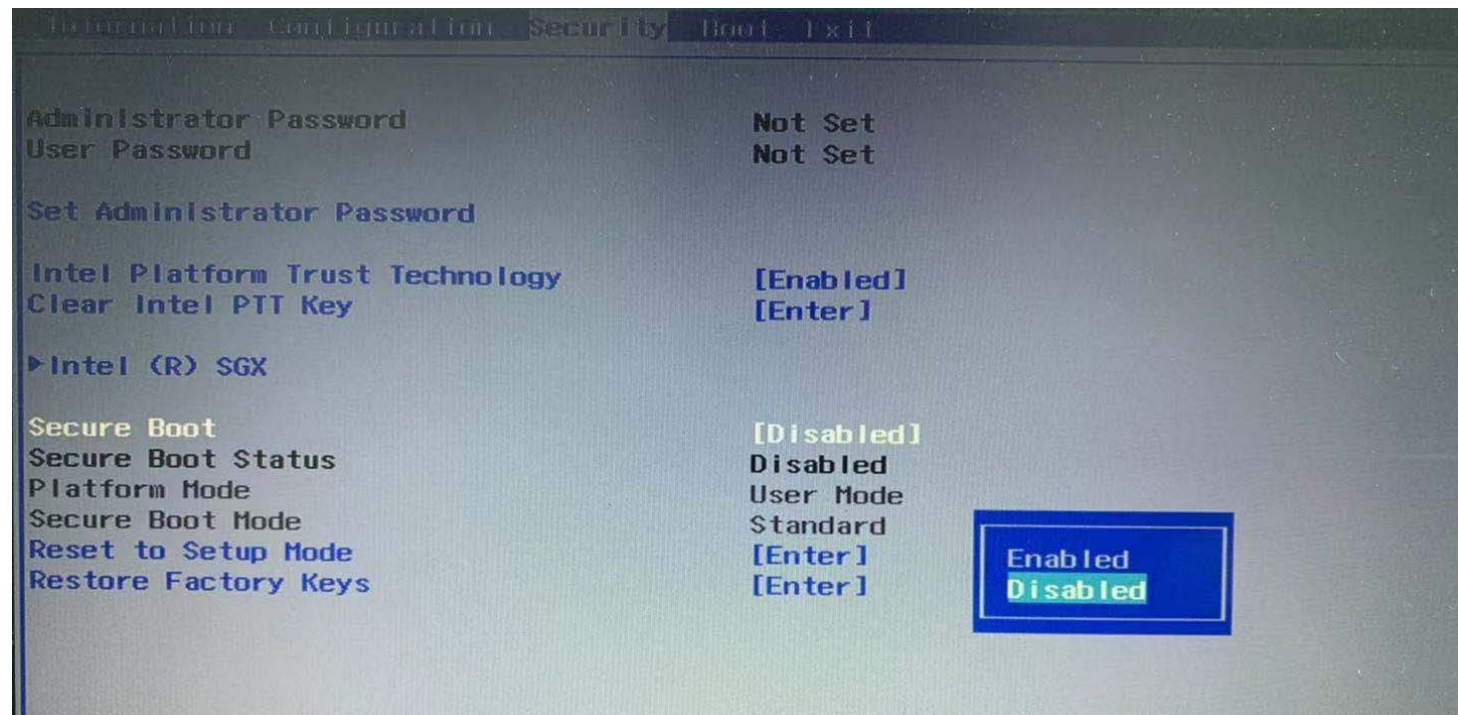
1 Click Right Button

1 Double Click

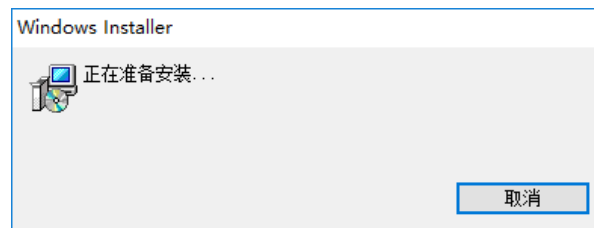
— Caution

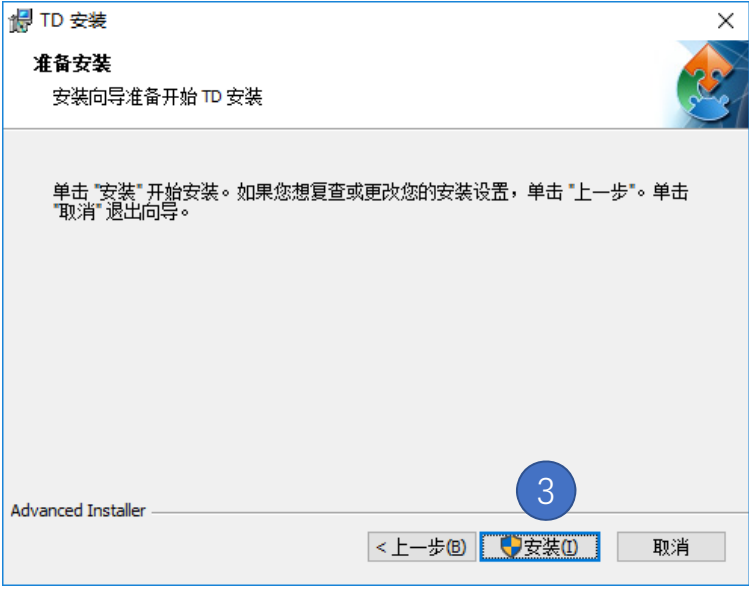
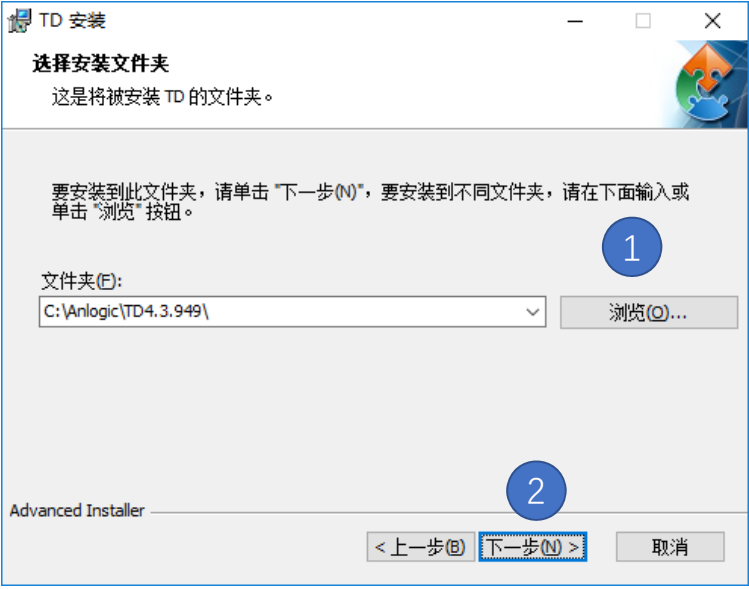
Pressing F2 or Del while your computer rebooting , entering BIOS setting

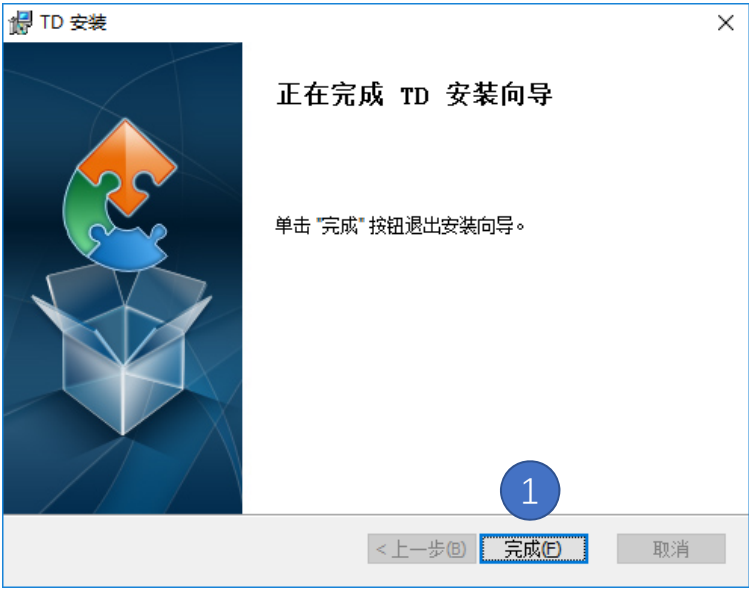
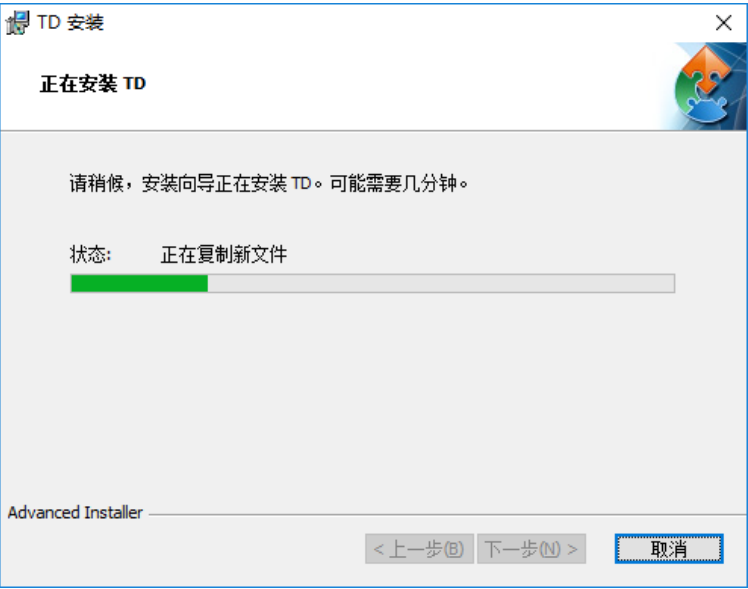
Disable "security boot"
save the bios settings
rebooting



Following the [GitHub](#), Get the latest TD
Double click the setup file

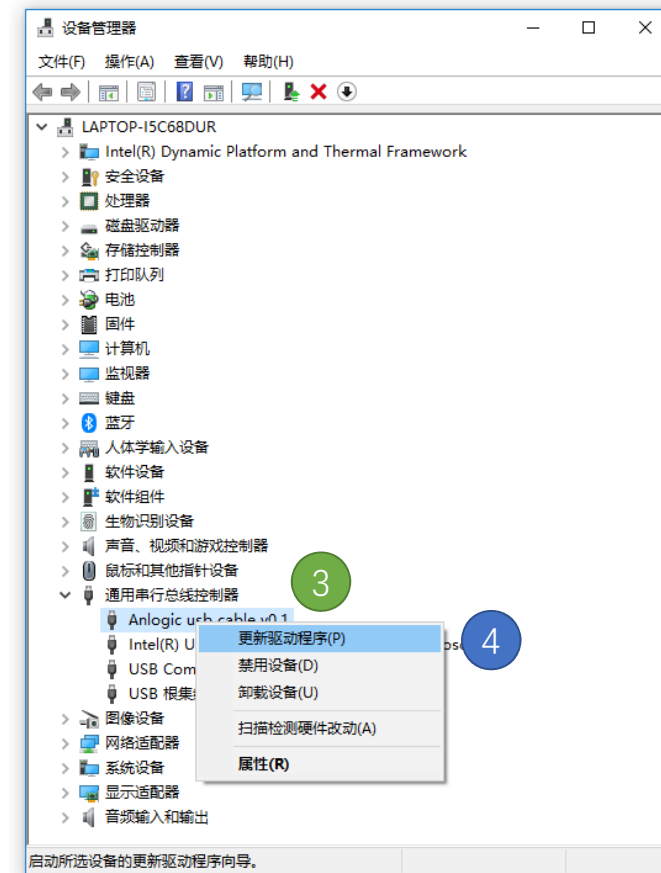
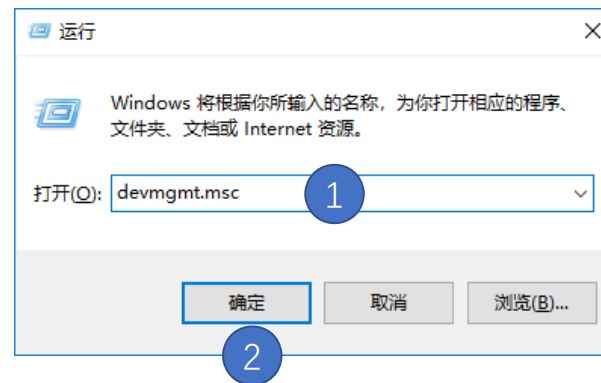


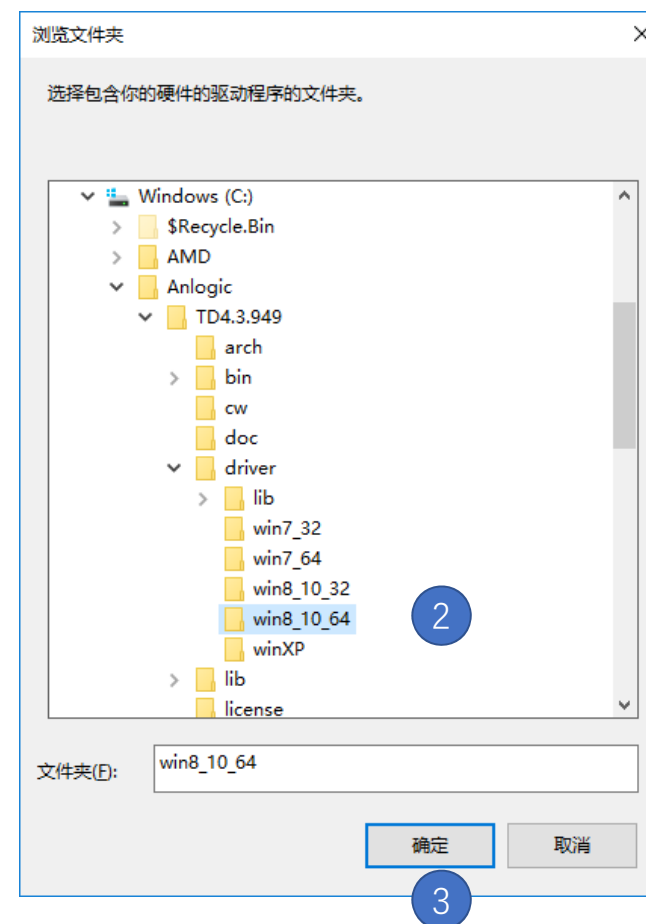
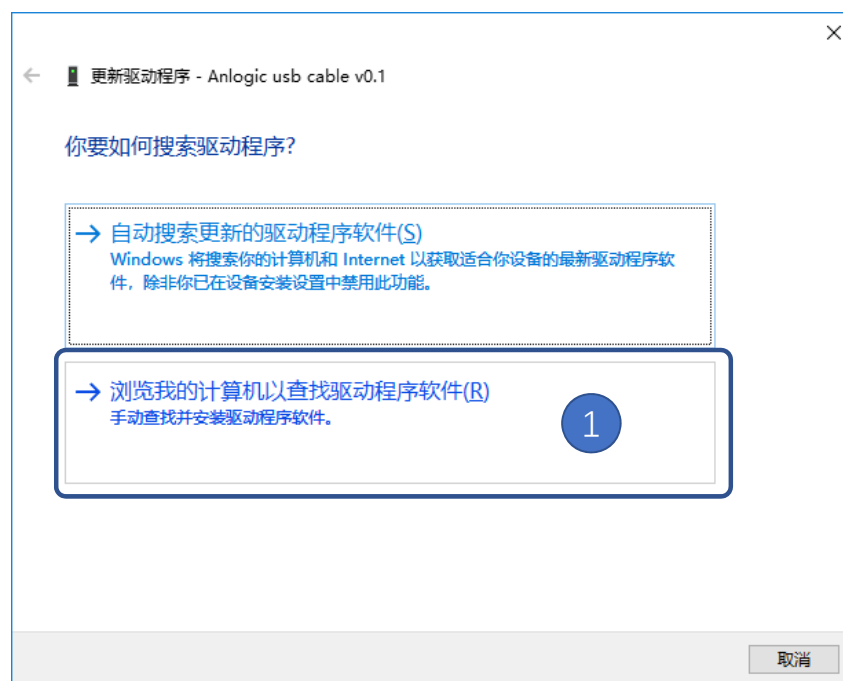


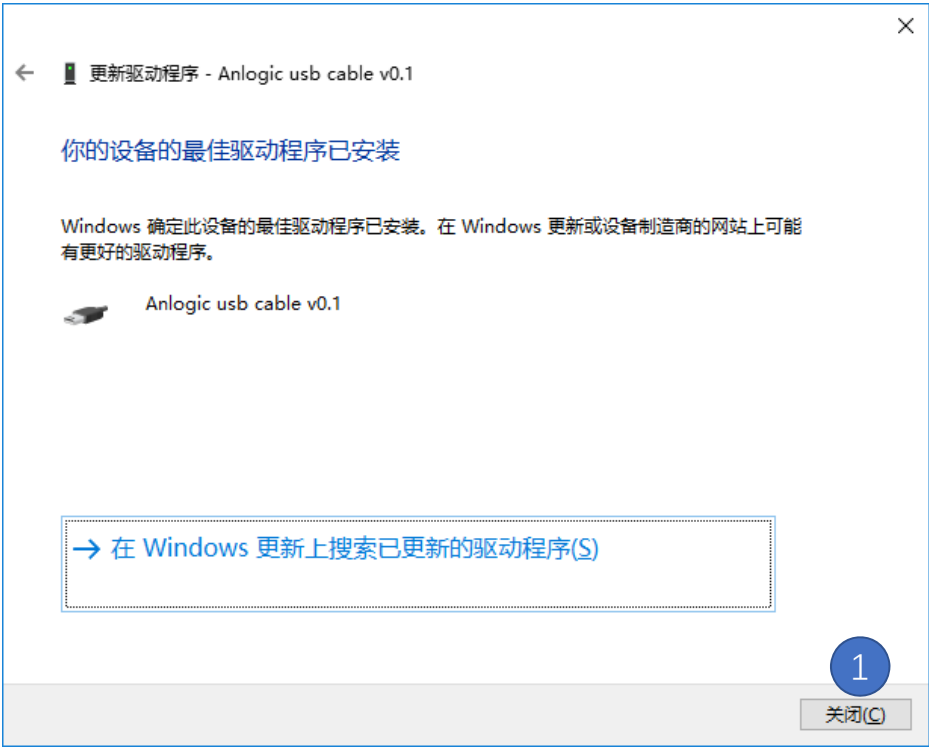


Connecting the SparkRoad and Computer via a USB-C cable

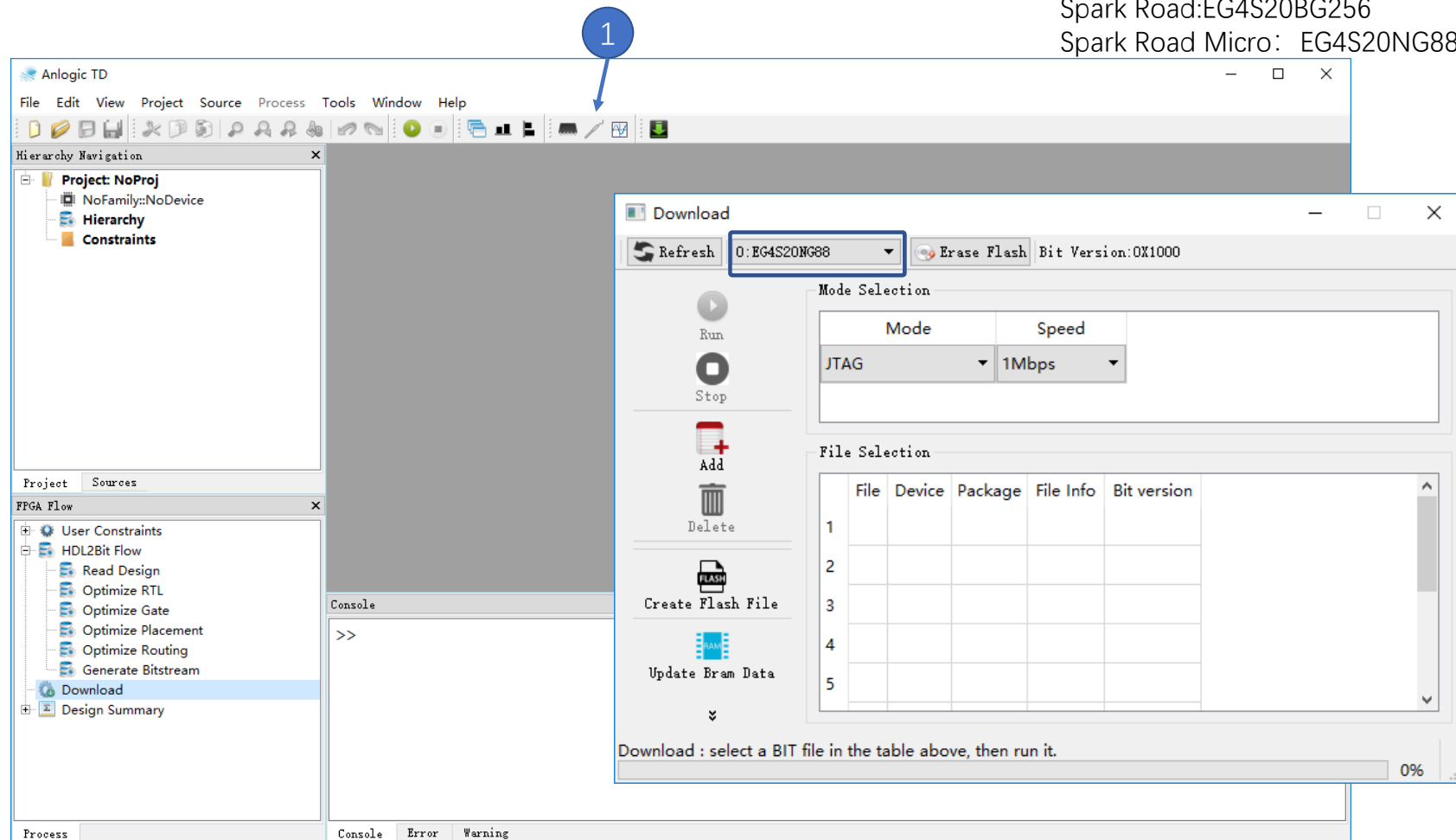
Pressing: Win + r
typing devmgmt.msc
enter







Notice:
Spark Road:EG4S20BG256
Spark Road Micro: EG4S20NG88



The End!

Enjoy Yourself!

Hello LED-SparkRoad Startup

Github: <https://github.com/verimake-team/SparkRoad-FPGA>

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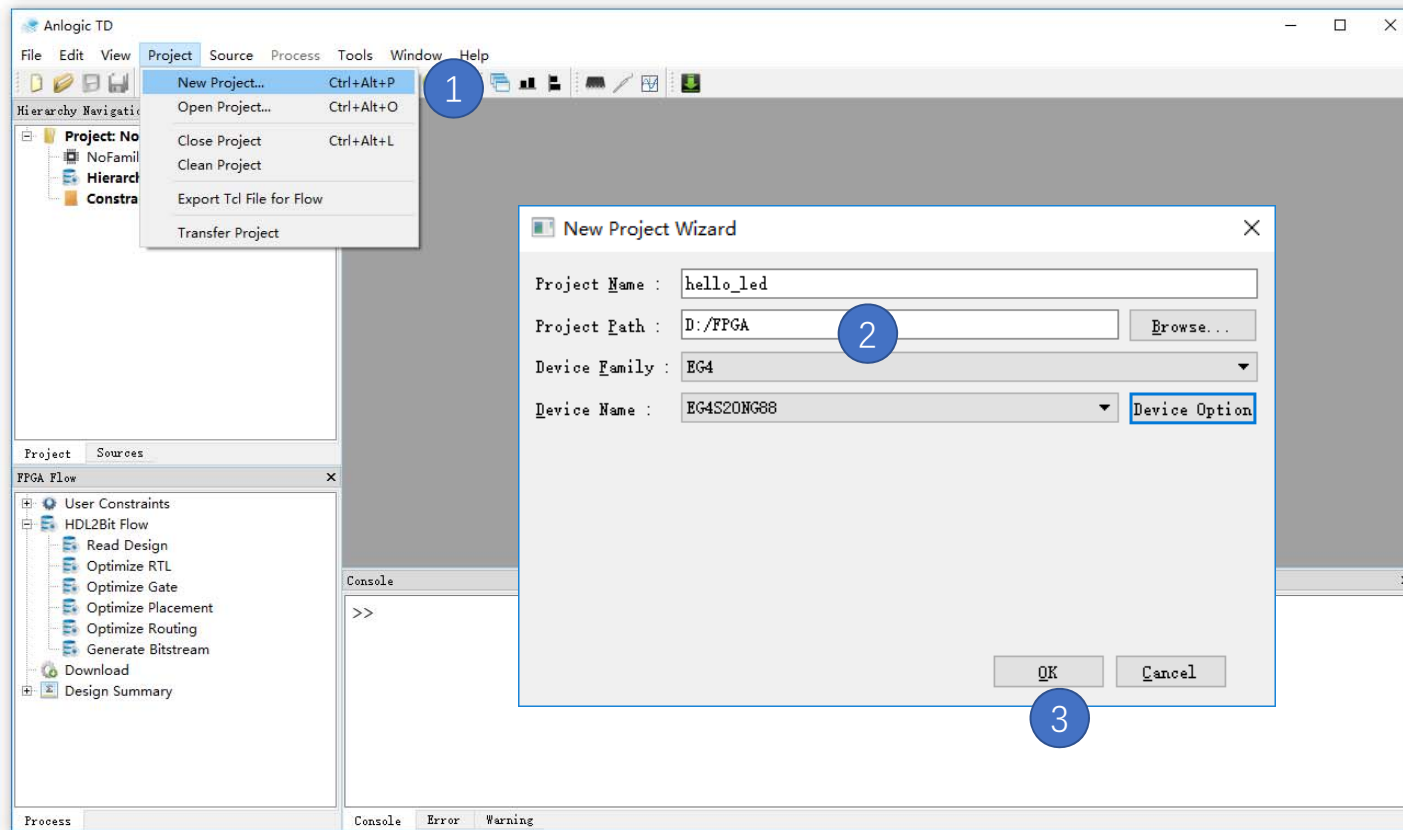


1 Click or Type or Select

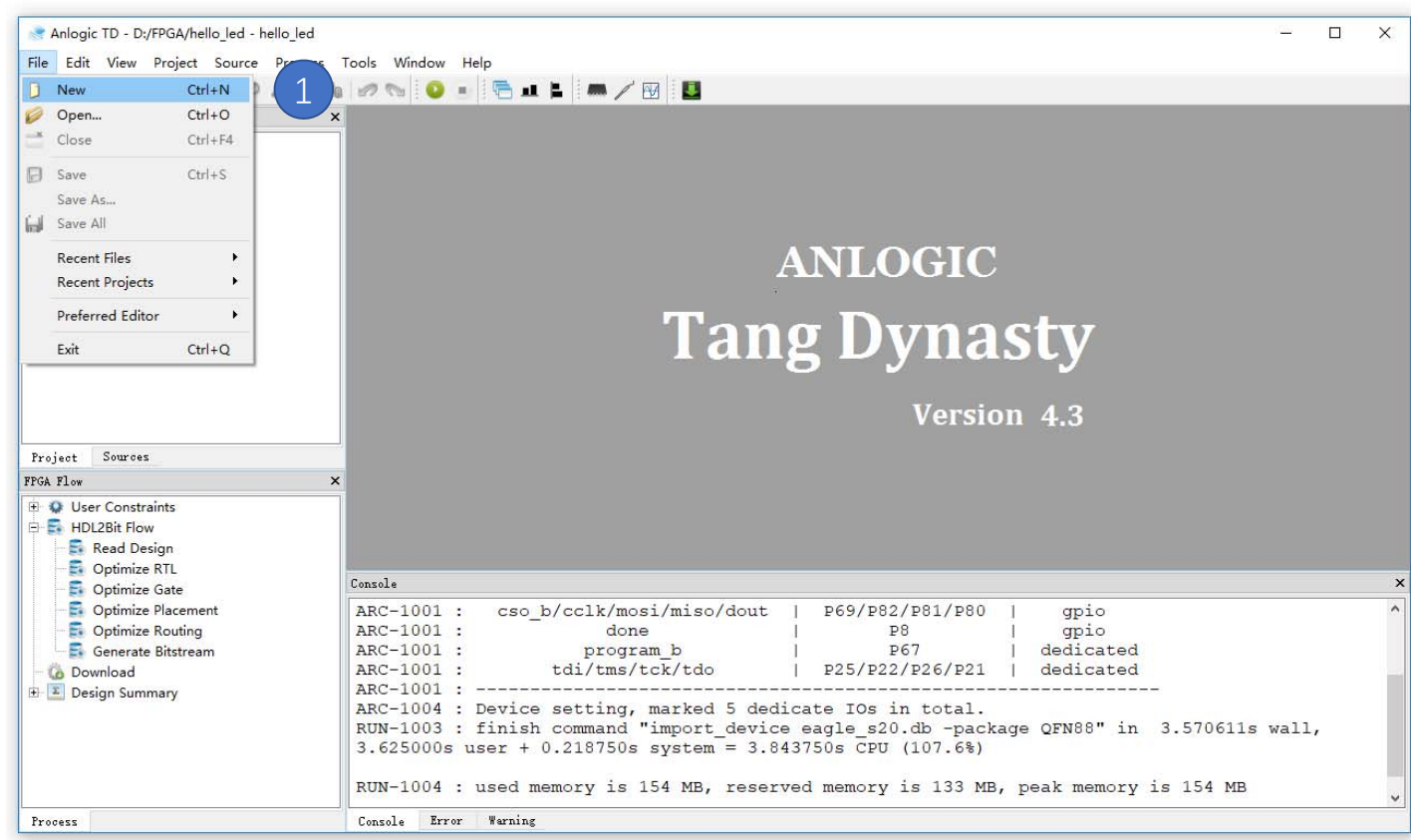
1 Click Right Button

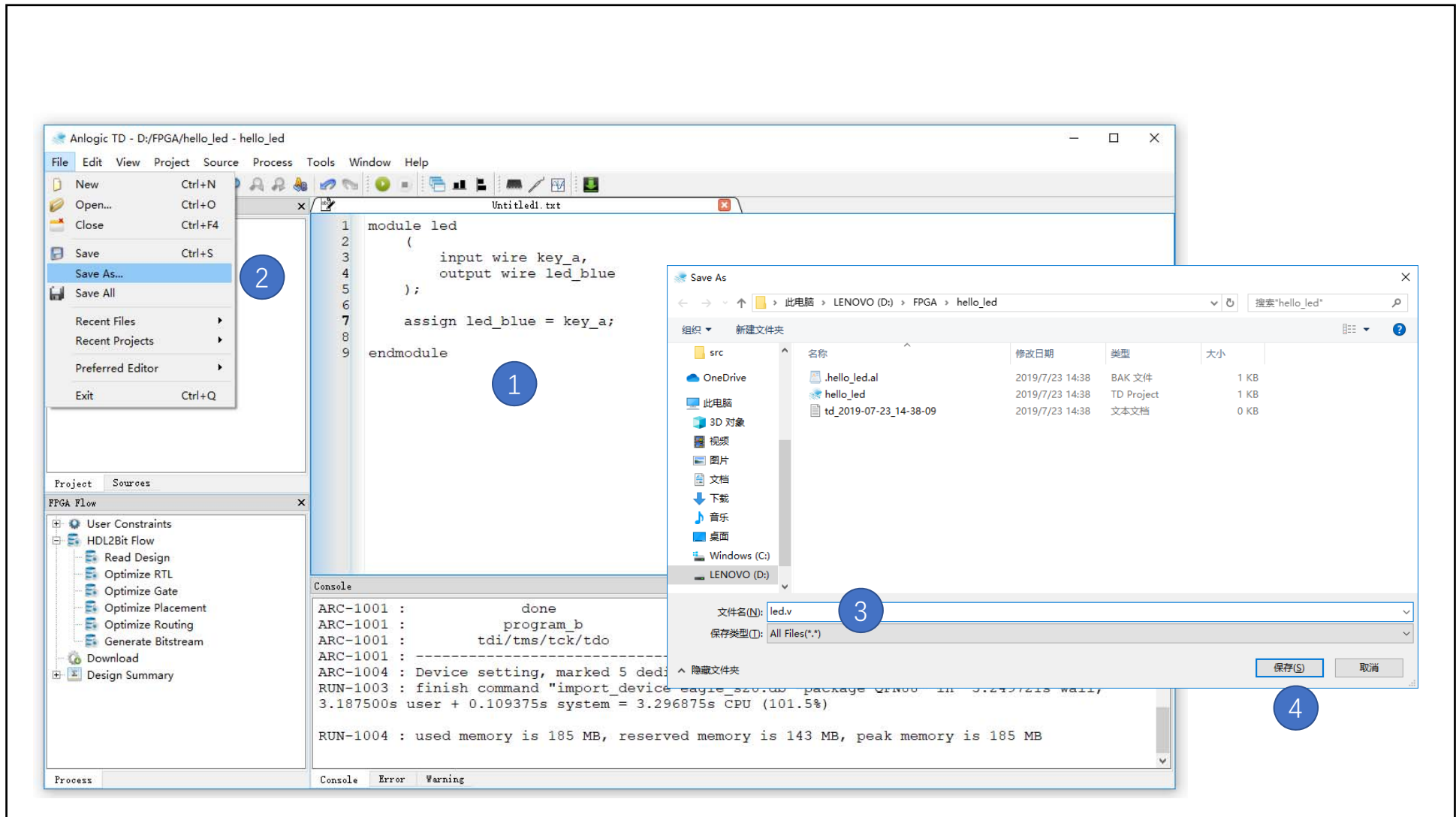
1 Double Click

— Caution



Notice: Device Name
 Spark Road : EG4S20BG256
 Spark Road Micro: EG4S20NG88

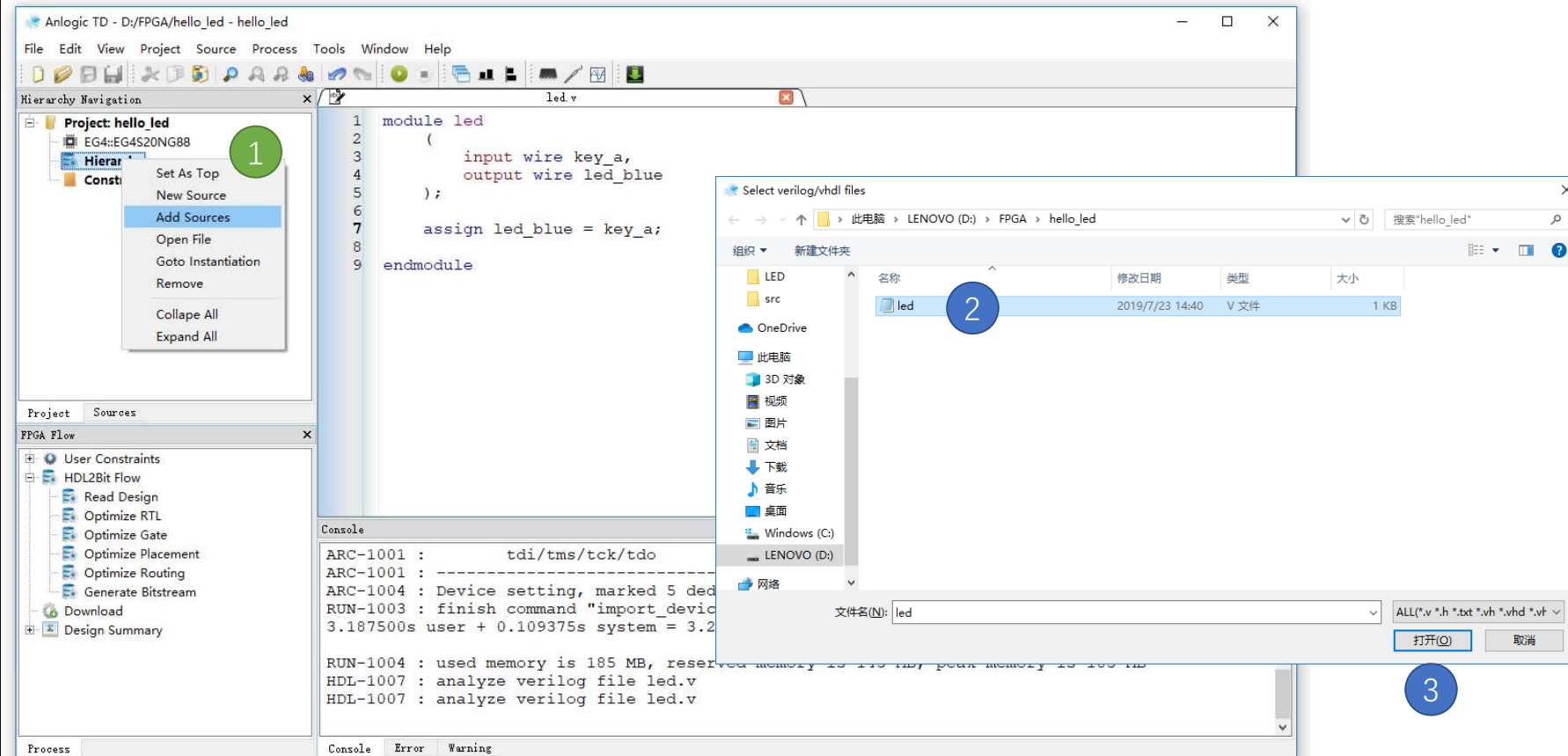


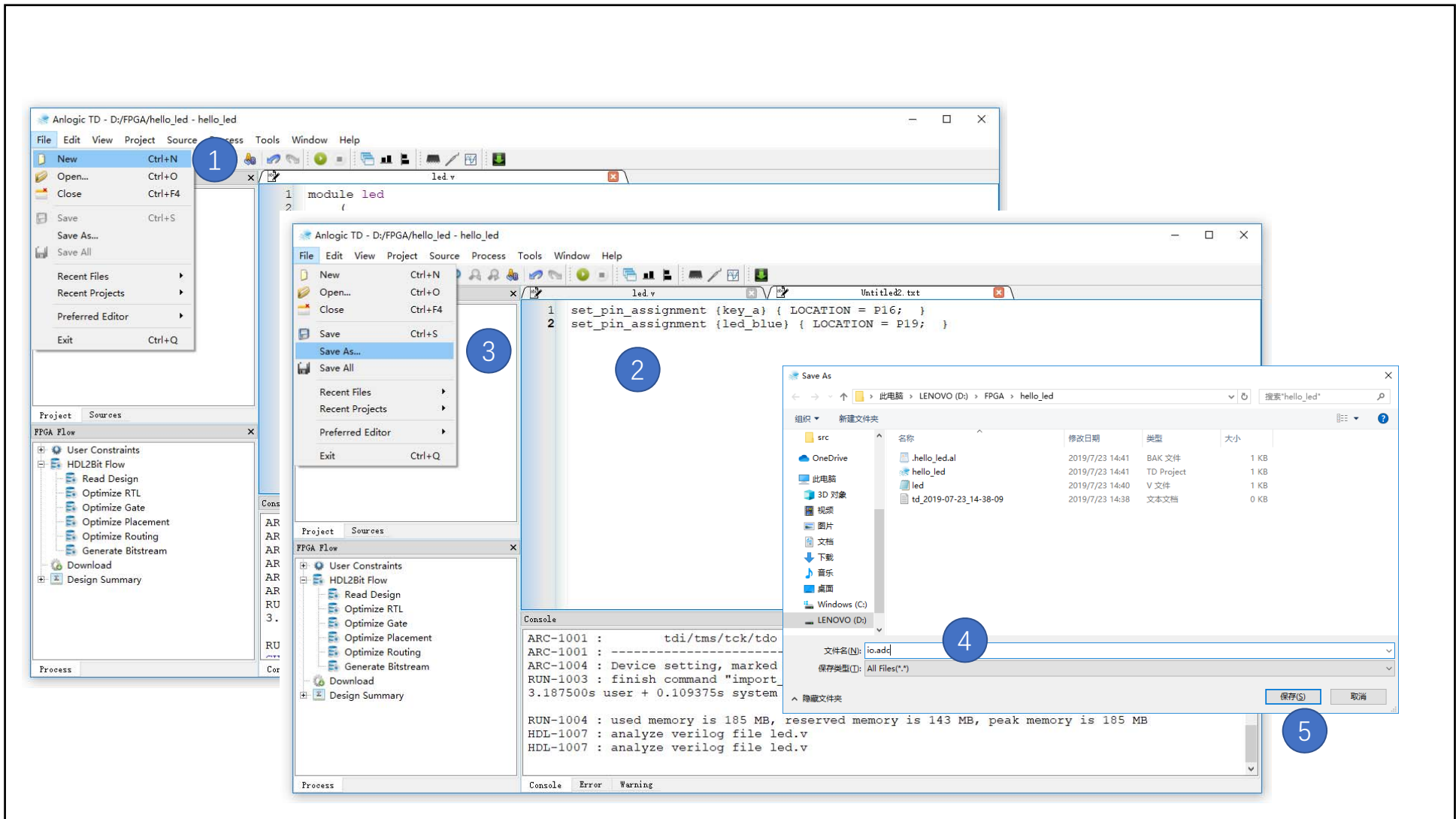


```
led.v
module led
(
    input wire key_a,
    output wire led_blue
);

    assign led_blue = key_a;

endmodule
```





io.adc:

For Spark Road:

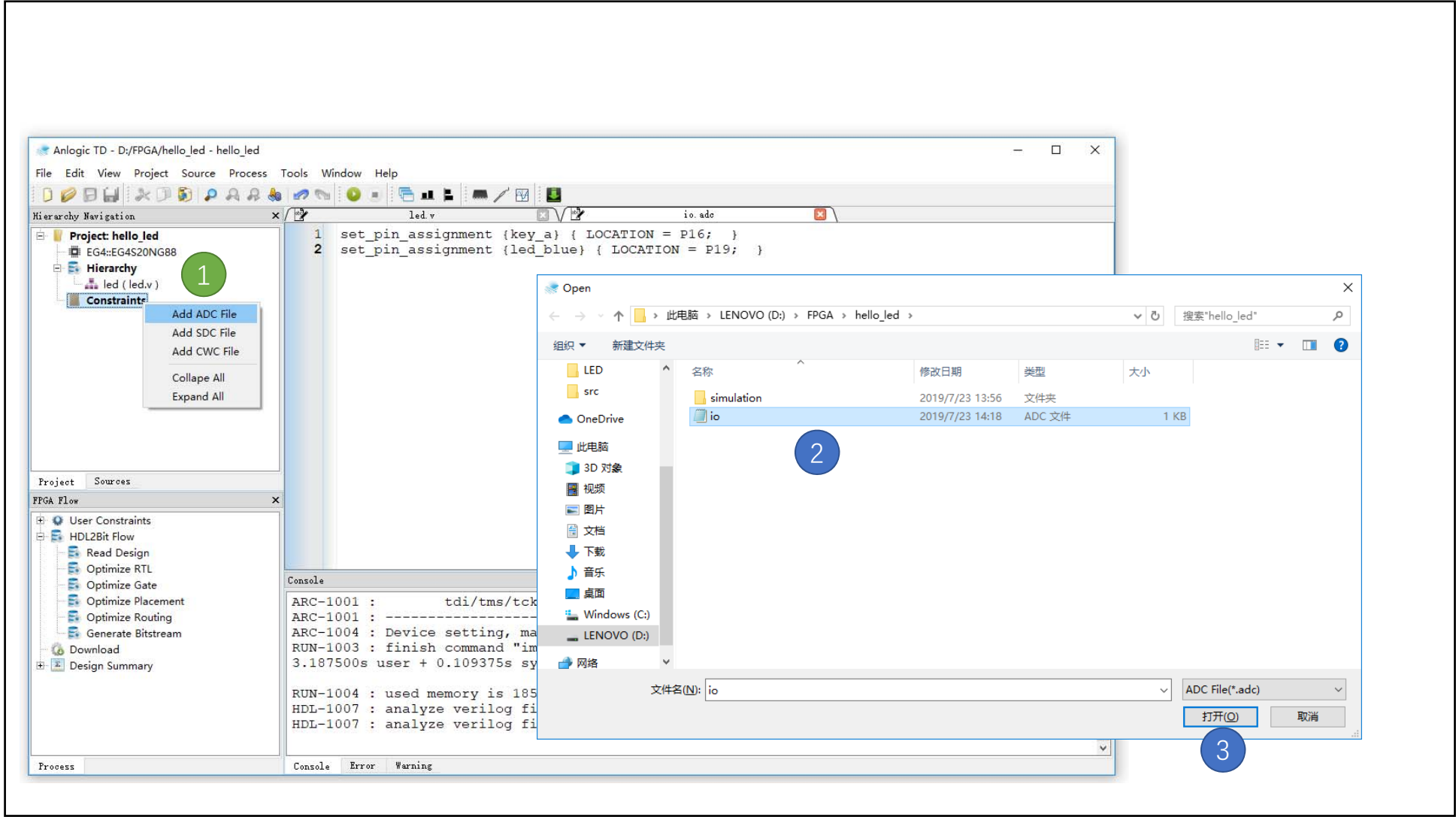
```
set_pin_assignment {key_a} { LOCATION = G11; }
```

```
Set_pin_assignment {led_blue} { LOCATION = N16; }
```

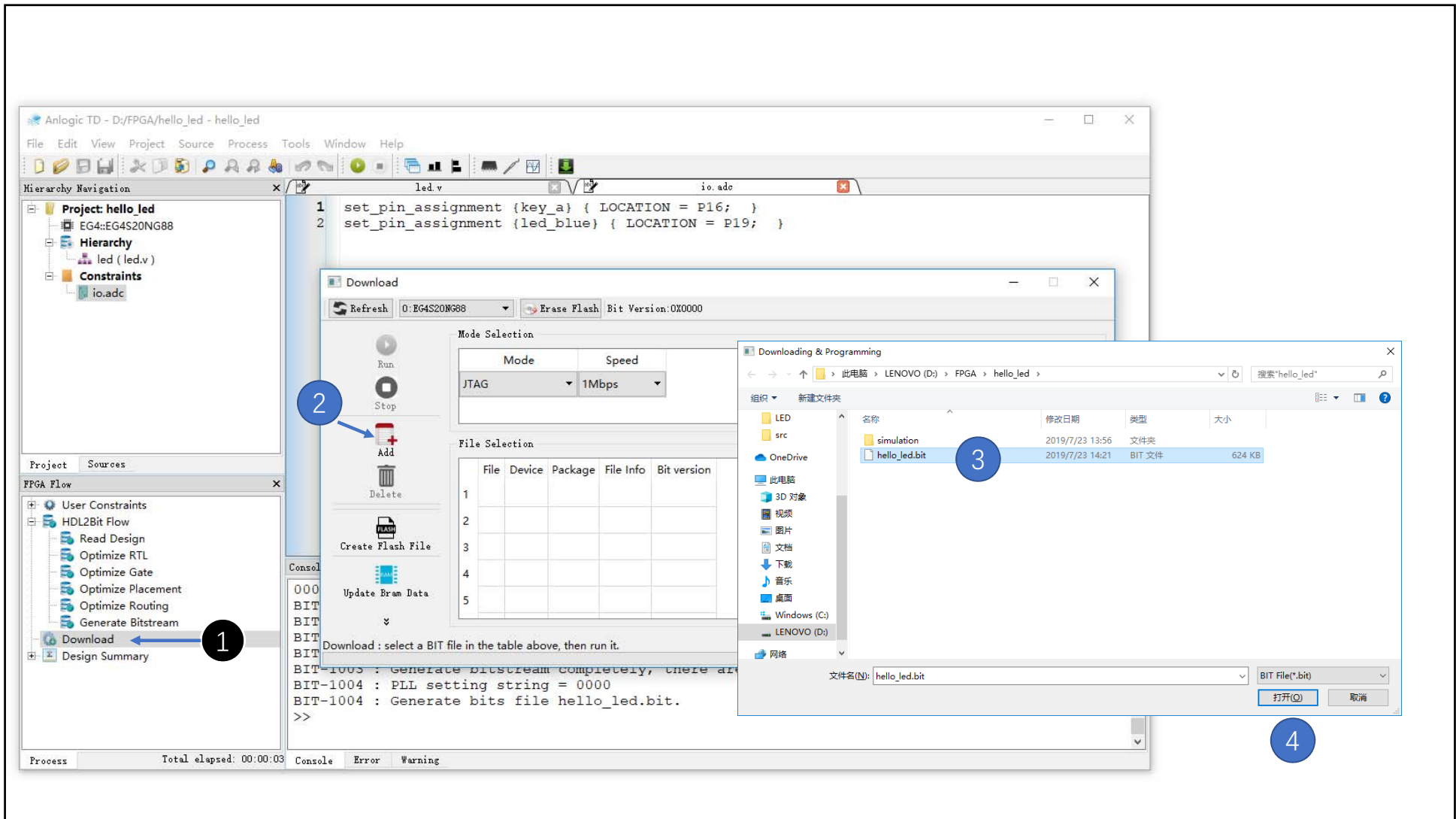
For Spark Road Micro:

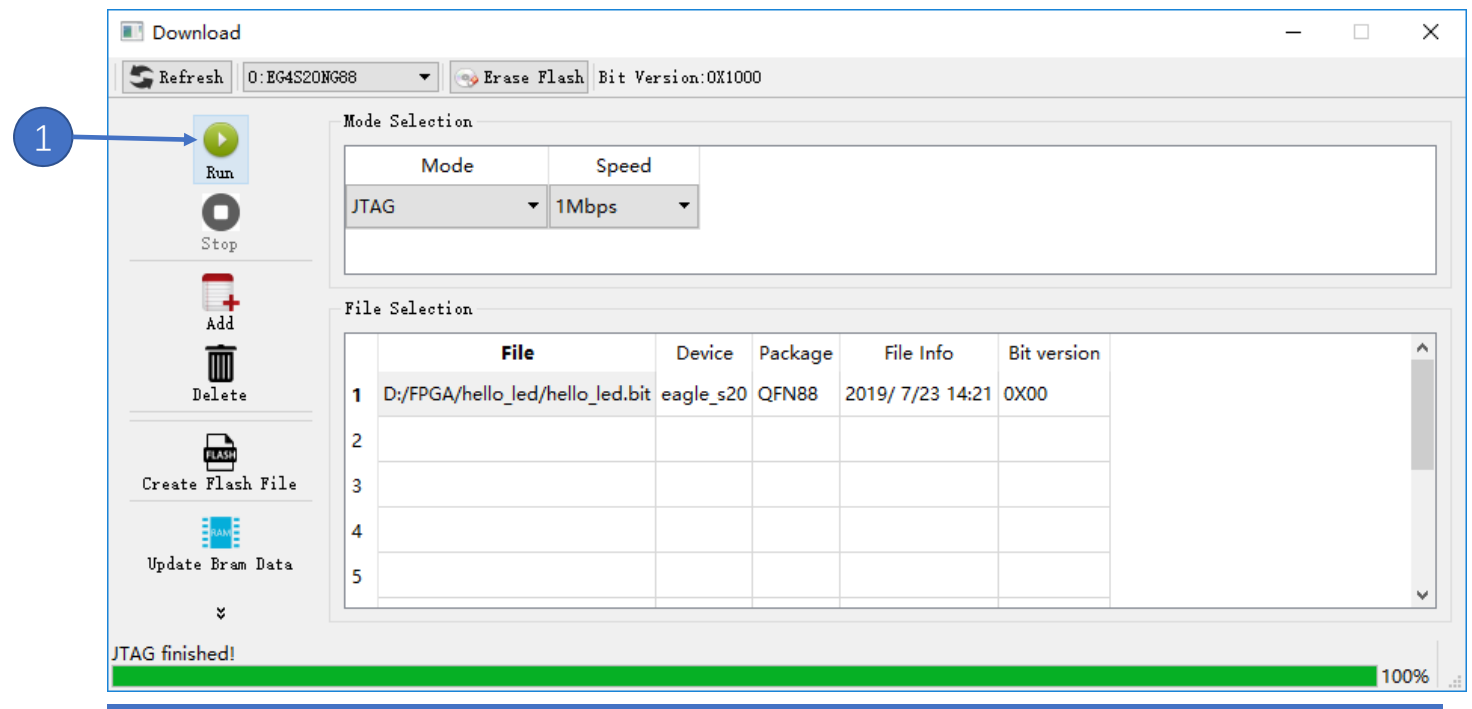
```
set_pin_assignment {key_a} { LOCATION = P16; }
```

```
Set_pin_assignment {led_blue} { LOCATION = P19; }
```









Press the Key labled “A” (Spark Road Micro)
or the Central Key(Spark Road)
and see what happened!

Enjoy Yourself!

Programming Flash

