



BLTouch Guidebook for Creality V1 Mainboard



Website



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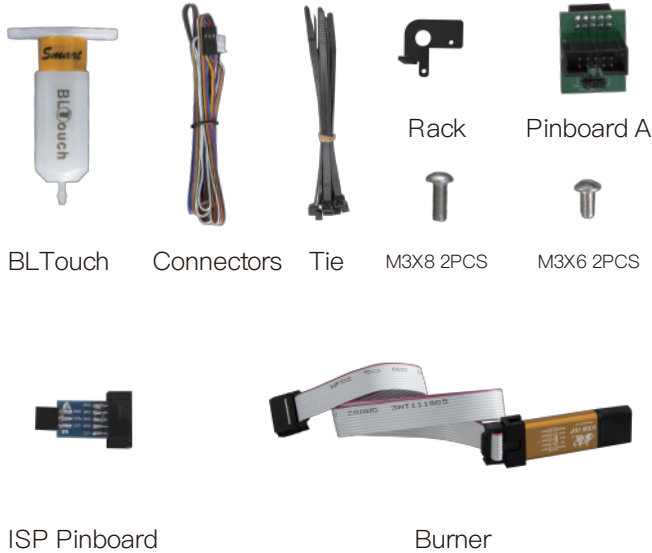
AUTO BED LEVELING SENSOR FOR 3D PRINTER

This guidebook is for Creality V1 mainboard. It includes but not limited to the following 3D printer:
CR-10/Ender-3
File download: <https://www.creality3d.cn/download/>

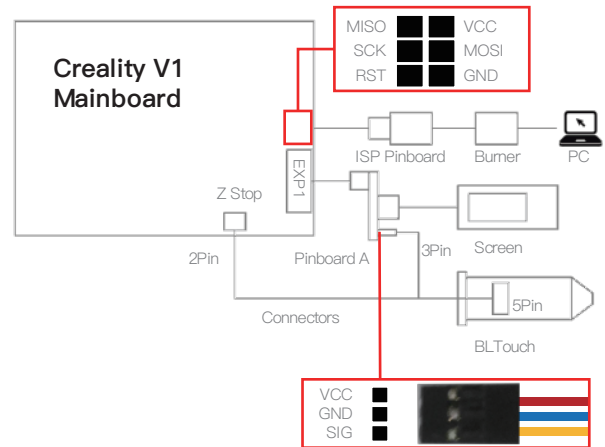
SHENZHEN CREALITY 3D TECHNOLOGY CO., LTD.

12/F, Block 3, JinChengYuan, Huafan Road, Tongsheng Community,
Dalang, Longhua District, Shenzhen, China, 518109
Official Website: www.creality3d.cn
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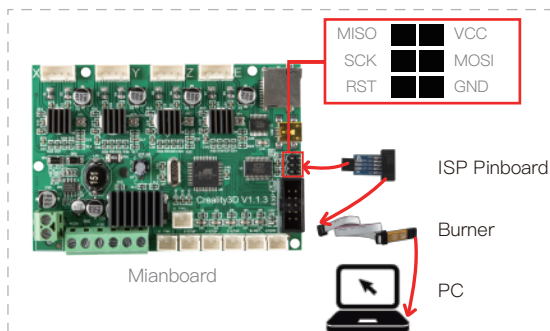
① Packing List



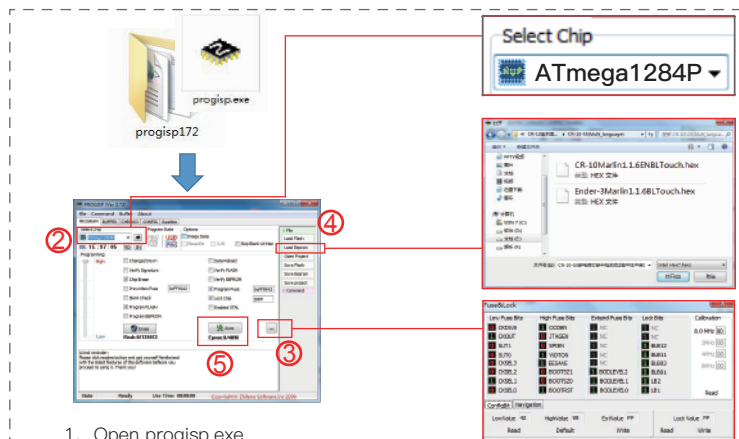
② Circuit Principle



③ Update Firmware

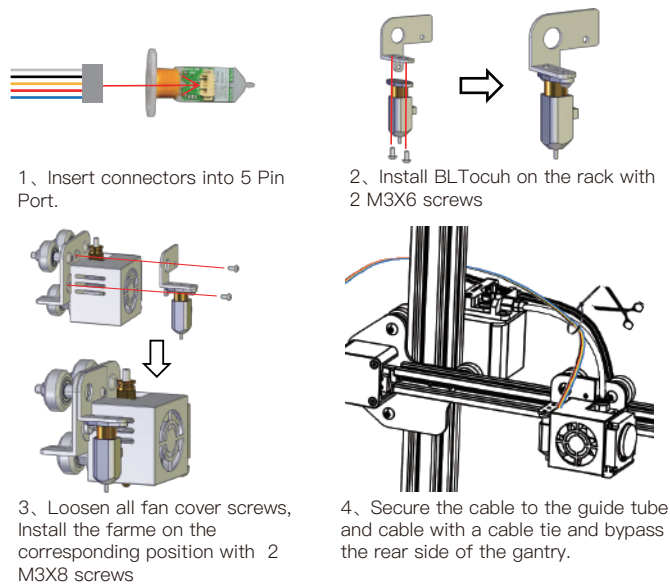


1. Connect ISP Pinboard and Burner.
2. Open the control box and find out the mainboard
3. Insert ISP pinboard into the mainboard 2X3 pins as the sign shows.
4. Insert the burner into computer USB port.

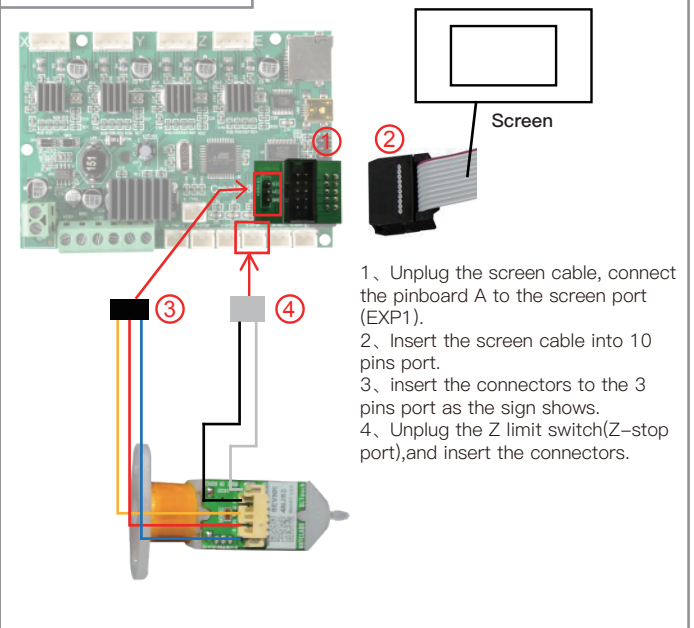


1. Open progisp.exe
2. Select Chip ATmega1284p.
3. Click ... → Set Low Value=DC, HighValue=D6, ExtValue=FD → Click Write and close the window.
4. load Flash → Select .hex file.
5. Click Auto to update firmware, wait until it finishes, then close.
6. Unplug the ISP Pinboard from mainboard.

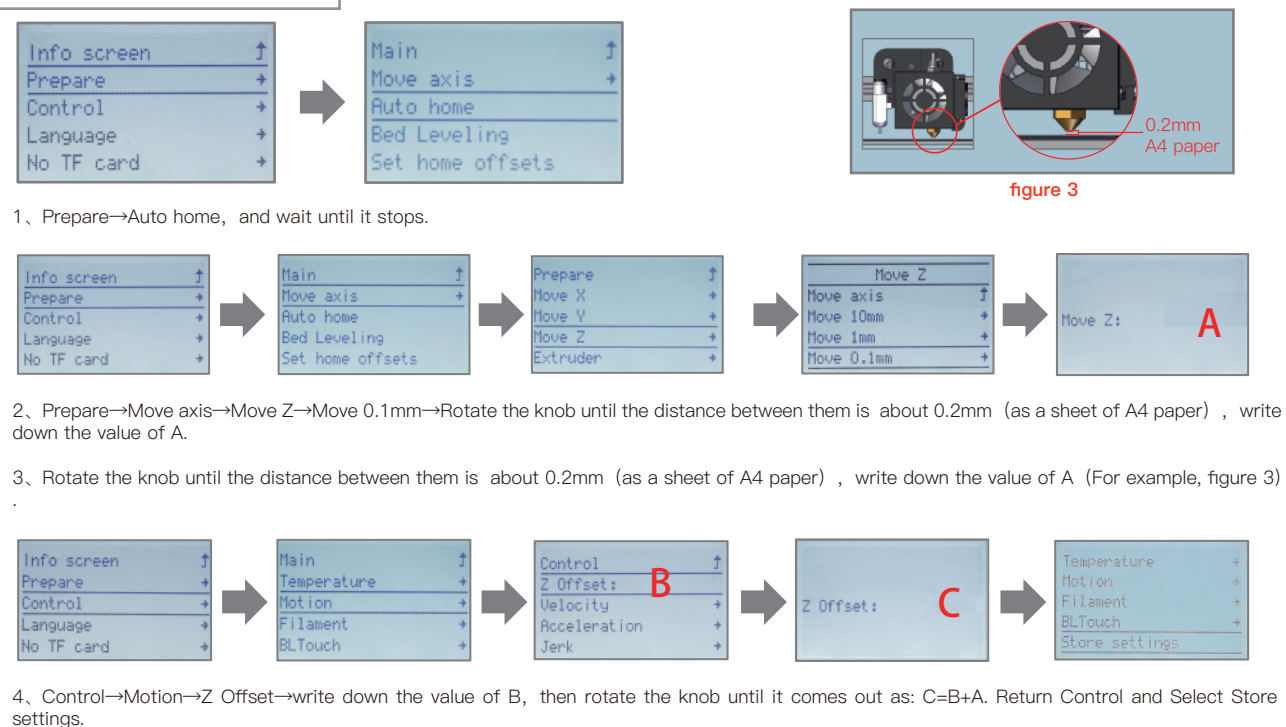
④ Install BLTouch



⑤ Circuit Wiring



⑥ Platform Adjustment



⑦ Software Settings

