



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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3.3V-5V REG™

Manual

All Mikroelektronika's development systems feature a large number of peripheral modules expanding microcontroller's range of application and making the process of program testing easier. In addition to these modules, it is also possible to use numerous additional modules linked to the development system through the I/O port connectors. Some of these additional modules can operate as stand-alone devices without being connected to the microcontroller.

Additional board

 **MikroElektronika**

SOFTWARE AND HARDWARE SOLUTIONS FOR EMBEDDED WORLD ...making it simple

3.3V-5V REG

The 3.3V-5V REG additional board is used to increase the 3.3V input voltage to the 5V output voltage.

Key features:

- Step-up converter;
- Output current 250mA;
- Compact size.

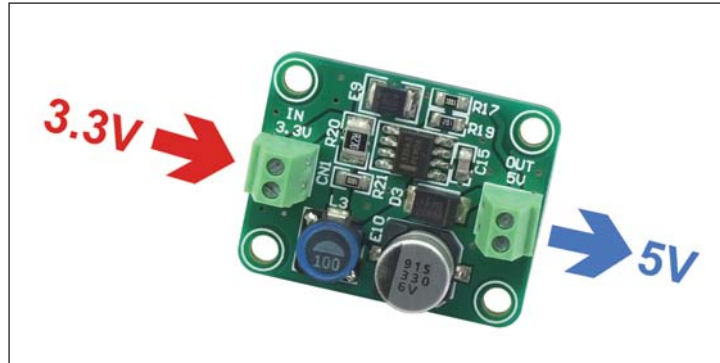


Figure 1: 3.3V-5V REG additional board

How to connect the board?

The 3.3V voltage is supplied via the CN1 screw connector, whereas the 5V voltage is delivered via the CN2 screw connector.

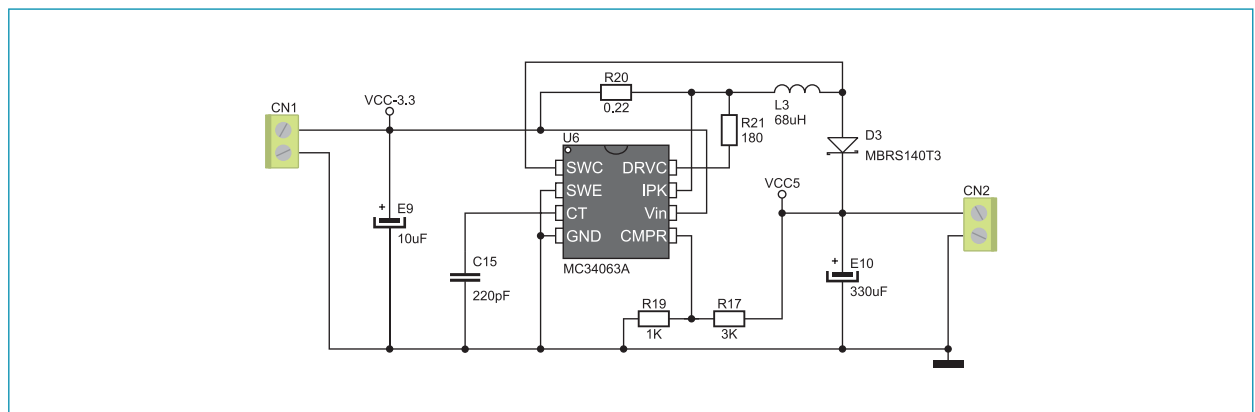


Figure 2: 3.3V-5V REG additional board connection schematic

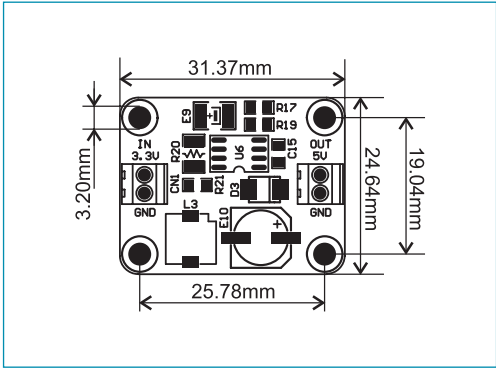


Figure 3: Dimensions of the 3.3V-5V REG board

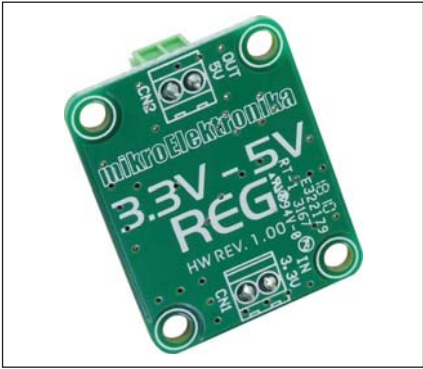


Figure 4: The back side of the board

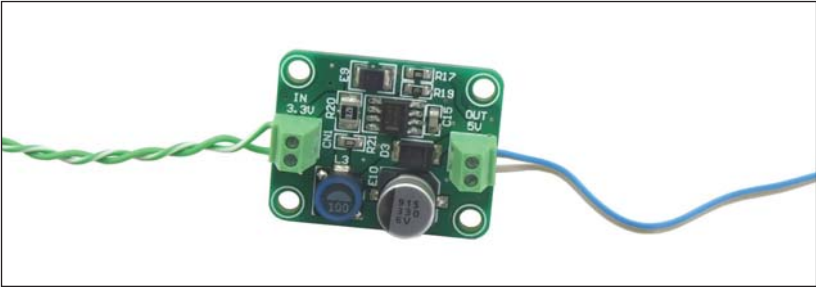


Figure 5: 3.3V-5V REG additional board connected to power supply

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If you have any questions, comments or business proposals, do not hesitate to contact us at office@mikroe.com