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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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AA Boost Module V2

SKU: DFR0250



INTRODUCTION

The AA boost Module is DFrobot's exclusive product. One of its key features is solving the 5V battery power supply problem. As we all know, one AA battery is 1.5V , with two or three you still cannot get 5V. Now with this AA boost module, insert two dry batteries, flip the power switch, and you have a 5V output to power your circuit. Two AA batteries will be enough to reach standard 5V easily and convenient to use, which also provides a more simple supply scheme to Arduino sensors and controllers.

This AA boost module integrates with the boost chip TPS61032 from TI that is capable of outputting 5V@1A with input over 1.8V. The only difference between V1 and V2 is changing the output current from 2A to 1A.

APPLICATIONS

- Arduino Sensors, Controllers and so on

SPECIFICATION

- Input voltage: 1.8V - 4.5V
- Maximum Output voltage : 5V
- Maximum Output current : 1A
- size : 62*33mm(2.44*1.30")