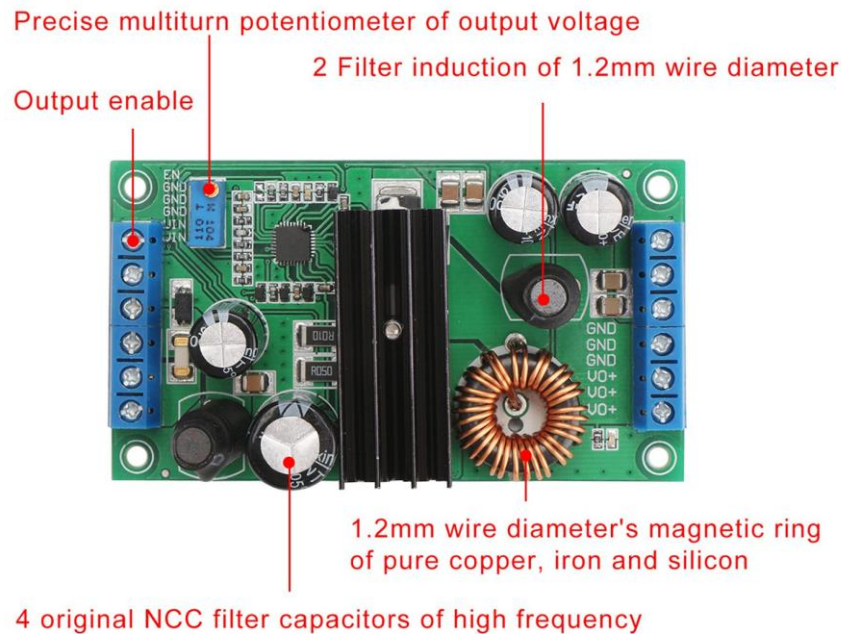


## DROK 200144 DC to DC Buck Converter



### Parameters:

- Input Voltage Range: DC 5 ~ 32V  
Output Voltage: DC 2 ~ 24V  
Continuous Output Current: 12A; maximum 14A (when input is 14V, output is 12V).  
Operating Frequency: 200KHz  
Output over-current and short circuit protection: Yes.
- Input port is with 15A fuse.  
Chip is with overheat protection, it can automatically stop working when over temperature.
- Input low-voltage protection protection: It stops working when the input voltage is lower than 4.5V.
- Input reversed connection protection: No. If input and output get reversed, the

module will be burnt.

- Soft starter function: That make sure no overshoot voltage when power on
- Enabled terminal: It can control output voltage on/off directly. ( connect it to ground, output voltage will be off and module will go into sleep mode. Without connection, output is on all the time.
- Both of input and output use LC filter, and large-capacity ceramic capacitors and high-frequency low-impedance electrolytic capacitors, to ensure very low input and output ripple.
- Operating Temperature Range:  $-45 \sim +85^{\circ}\text{C}$
- Dimension: 85mm\*48mm\*25mm (L \* W \* H )