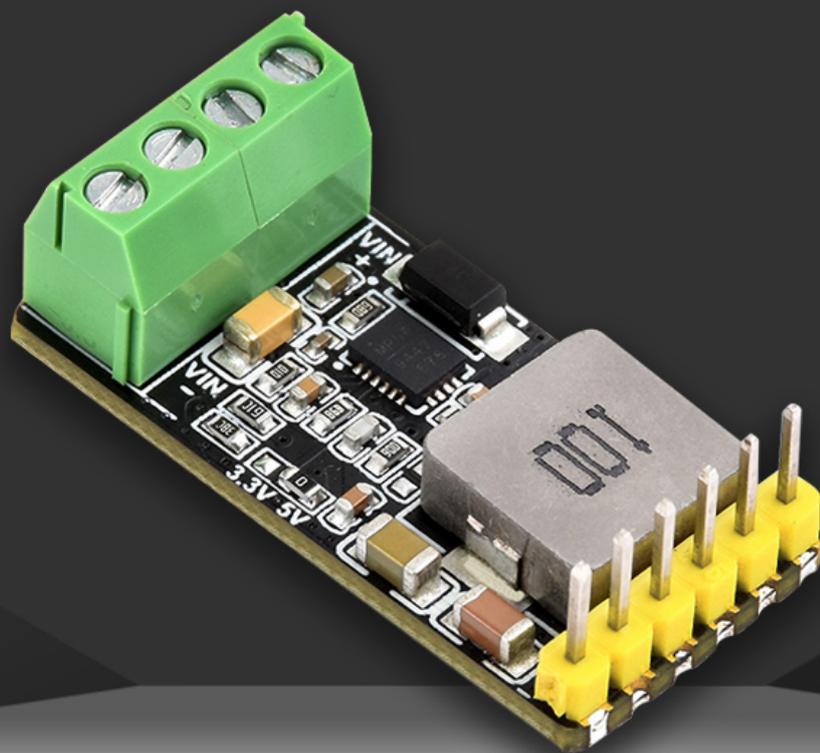


# DC-DC Buck Mini Module

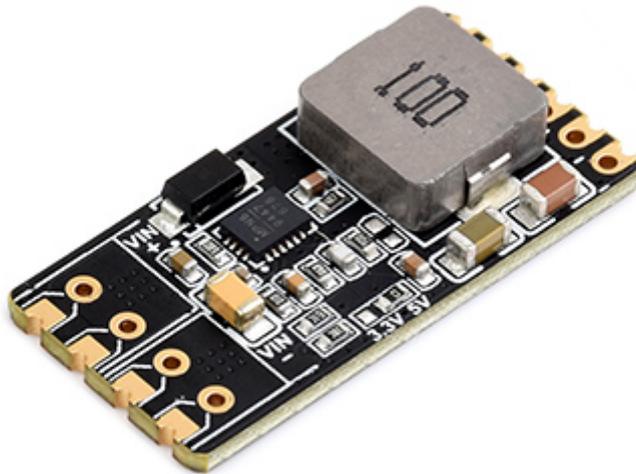
5~36V wide voltage input, configurable 5V or 3.3V output, up to 4A output current



## Features At A Glance

- Supports 5~36V wide voltage input, configurable for 5V or 3.3V output, up to 4A output current
  - 5V output by default, and the input voltage range is 6~36V
  - Can be switched to 3.3V output by resoldering a onboard resistor, and the input voltage range is: 5~36V
- Adopts black immersion gold process, small in size and easy to integrate

# Version options



**DC5-36-TO-DC3V3-5**  
SMD version

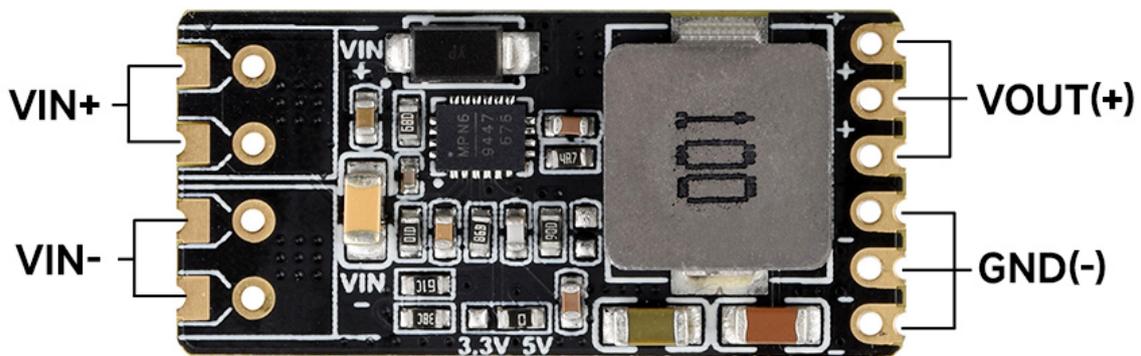


**DC5-36-TO-DC3V3-5-M**  
with pre-soldered header and terminal

# Specifications

<b>MODE</b>	5V mode (by default)	3.3V mode (switching via resoldering 0R resistor to 3.3V side)
<b>INPUT VOLTAGE</b>	DC 6~36V	DC 5~36V
<b>OUTPUT VOLTAGE</b>	DC 5V	DC 3.3V
<b>OPERATING CURRENT</b>	0A~4A (can reach up to 5A output under extreme conditions, but adequate heat dissipation is required)	
<b>SWITCHING FREQUENCY</b>	500KHz	
<b>CONVERSION EFFICIENCY</b>	90%	
<b>DIMENSIONS</b>	33 × 16 × 5.7 (mm)	

## Interface introduction

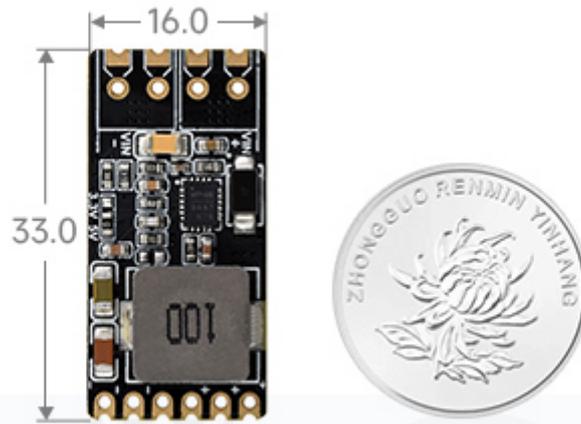


INTERFACE ON THE LEFT SIDE		INTERFACE ON THE RIGHT SIDE	
VIN+	Power input positive	VOUT(+)	Power output positive
VIN-	Power input negative	GND(-)	Power output negative

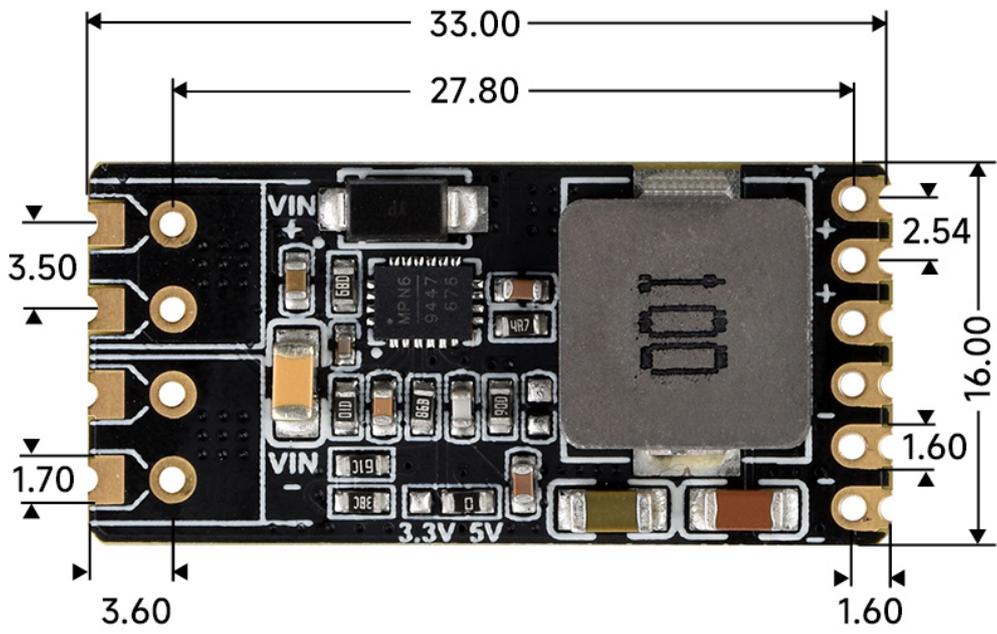
# Compact in Size, Easy to Integrate

Castellated holes with immersion gold design, highly integrated packaging.

easy to embed into various product applications via multiple methods



# Outline dimensions



Unit:mm