

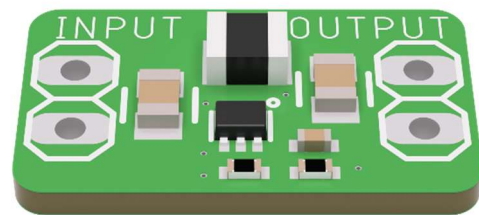
## 6W VOLTAGE REGULATOR MODULE WITH FIXED 3.3V OUTPUT

### Main features:

- Input voltage range 2.5V to 5.5V
- Output voltage of 3.3V
- Maximum output current of 2A
- 1% output voltage accuracy
- Switching frequency of 2.4MHz
- Efficiency of up to 95%
- Standby current <25µA
- Dimensions of 14 x 8 mm

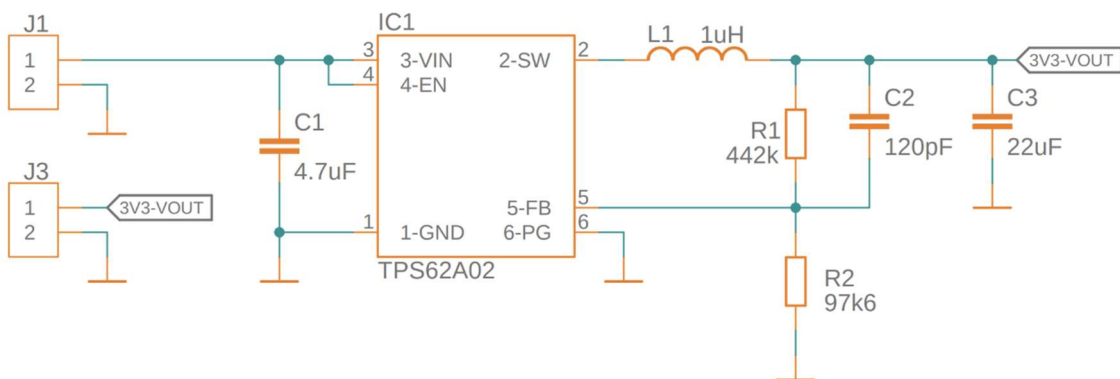
### Suitable applications:

- Powering development boards
- Powering sensors
- Powering low-voltage actuators



### DESCRIPTION:

JP332A is a highly efficient voltage regulator module. It uses the TPS62A02 integrated chip from Texas Instruments to achieve up to 95% efficiency. The input voltage range is 2.5V to 5.5V, with a fixed output voltage of 3.3V. The entire circuit is mounted on a very small PCB measuring 14mm by 8mm, with holes for a 2.54mm spaced header.

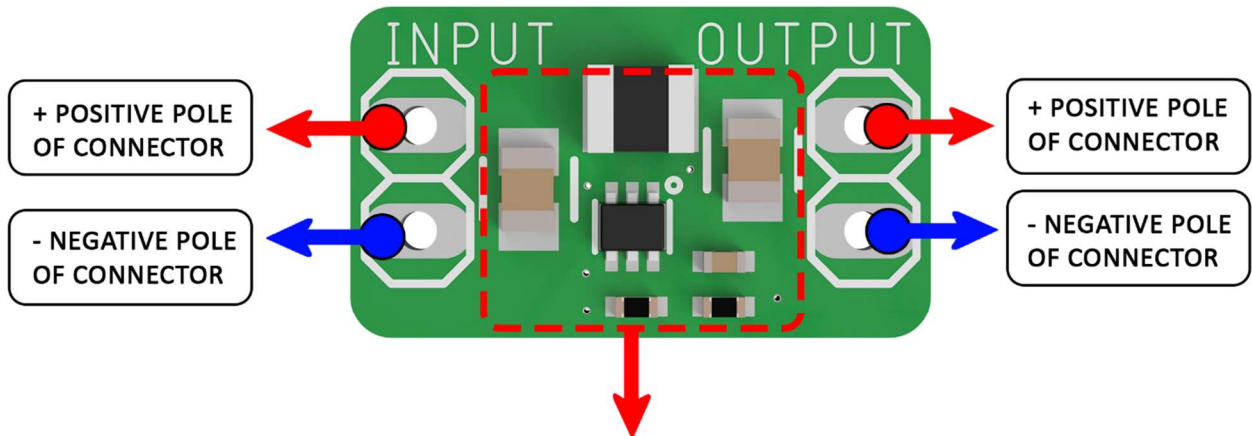


## USER MANUAL:

INPUT VOLTAGE RANGE: 2.5V TO 5.5V.  
HIGHER VOLTAGE MAY **DAMAGE** THE MODULE.

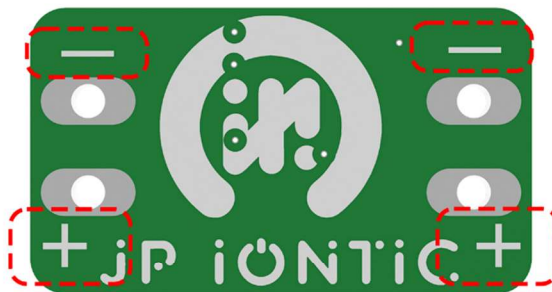
PAY ATTENTION TO POLARITY!  
MODULE **DOES NOT** HAVE  
REVERSE POLARITY PROTECTION

OUTPUT VOLTAGE IS FIXED AT: 3.3V



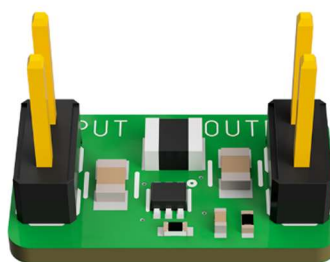
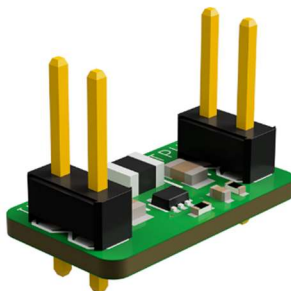
TOUCHING FOREIGN OBJECTS TO **MARKED** AREAS  
MAY SHORT-CIRCUIT AND **DAMAGE THE MODULE!**

CONNECT VOLTAGE **ONLY** TO THE INPUT AND OUTPUT HEADER.

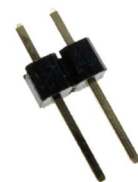


POLES ARE GRAPHICALLY MARKED ON THE UNDERSIDE OF THE MODULE.

POSSIBILITY TO SOLDER HEADERS ONTO THE MODULE  
(INCLUDED IN THE PACKAGE)

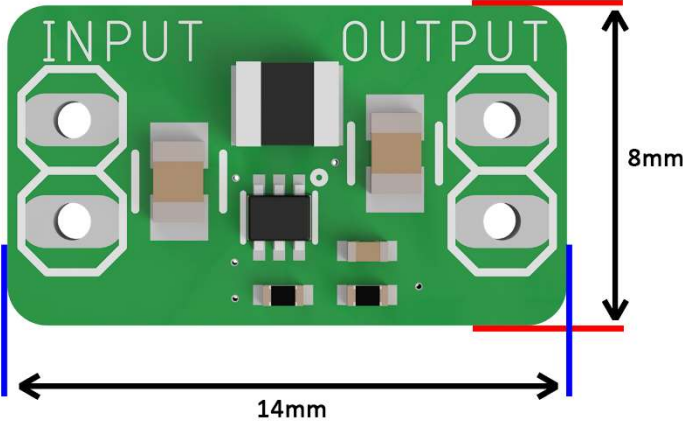


2 PIECES INCLUDED:

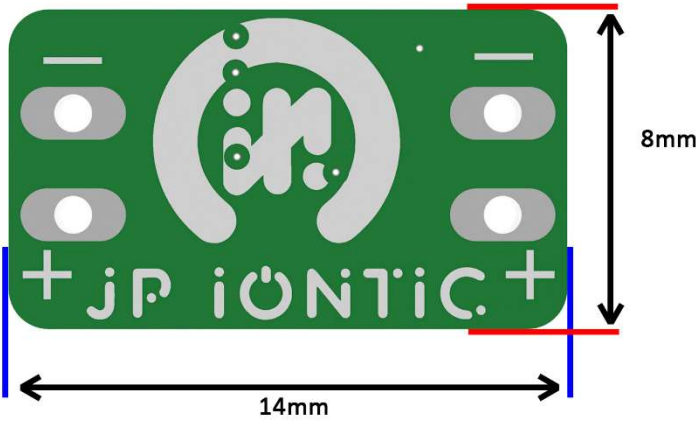


DIMENSIONS:

# TOP



# BOTTOM



# SIDE

