

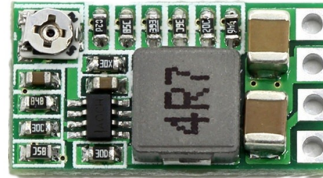
Voltage regulator from 12V-18V DC to 1.8V, 2.5V, 3.3V, 5V, 9V, 12V DC

Product codes:

Reference: AM2869

EAN13: 8595684600063

UPC: 85044090



Product features:

Input voltage: 4,5-18 V DC

Output voltage: 0.8-17 V DC

Waterproof grade: IP20

Inverter type: Buck (step-down)

Product attributes:

Product description:

This DC/DC converter is used to regulate the input voltage, which is always higher than the output voltage. It is a step-down type, which has an input voltage range from 4.5 to 18 V. The output voltage ranges from 0.8 to 17 V. The output voltage value can be adjusted using a rotary trimmer. It is also possible to set a fixed output voltage, but the module is factory set as adjustable. The step-down module can also be controlled thanks to the enable pin, which activates/deactivates the converter. The module includes short circuit protection.

Input voltage: 4.5-18V DC

Output voltage: 1.8V, 2.5V, 3.3V, 5V, 9V, 12V DC and adjustable with SMD trimmer 0.8-17V DC

Max. current: 5V/3A, 12V/1.5A

Output short circuit protection

Operating temperature: -40 to 85°C

Dimensions: 20x11x5 mm

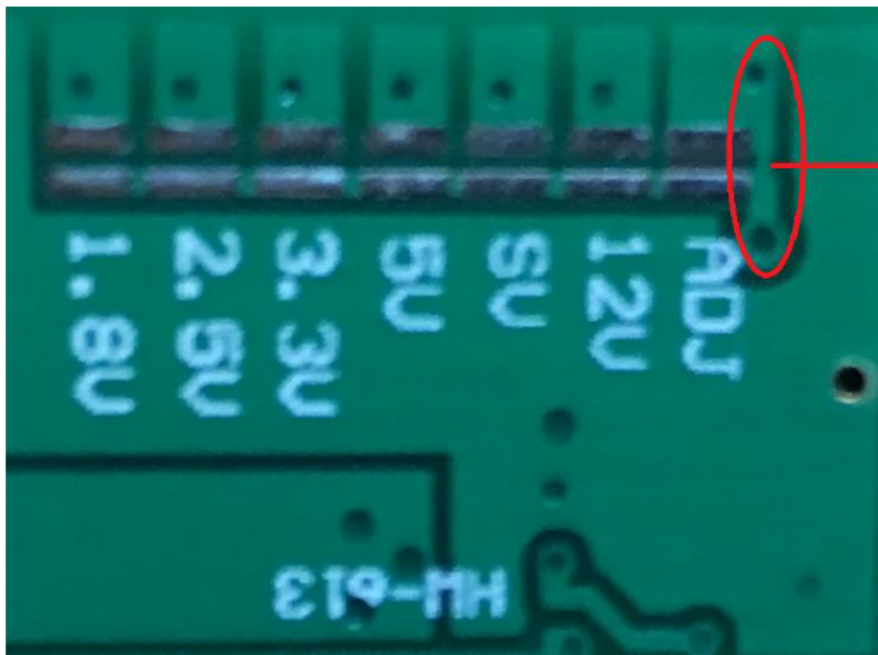
Weight: 4g

Connection:

The module has 4 solder connectors. Connect the input voltage to the IN+ and GND connectors, connect the load to the VO+ and GND terminals. The ground is shared for the input and output voltage. The module also has an input (EN - enable), which can activate (log. 1 - native) and deactivate (log 0) the inverter.

Adjustable fixed output voltage:

Just solder the two areas at the appropriate voltage, which are on the back of the converter. The fixed voltage can be set to 1.8; 2.5; 3.5; 5 or 12 V. It is also necessary to break the ADJ connection, preferably with a sharp object. However, this will make the user lose the ability to control the output voltage with the trimmer.



Toto spojení je nutné přerušit při nastaveném pevném výstupním napětí

Product gallery:



PRO NASTAVENÍ PEVNÉ HODNOTY MĚNĚČE JE POTŘEBA PŘERUŠIT TÍŠTĚNÝ SPOJ S OZNAČENÍM ADJ, POTÉ ČIHEM PROPÁJET POŽADOVANOU HODNOTU. NAPŘÍKLAD 3.3V.



PŘERUŠENÍ JE MOŽNO PROVĚST NAPŘÍKLAD NOŽEM NEBO NŮŽKAMI.

