

28097

## DC/DC Converter MINI 5-32 V -&gt; 3-30 V

## Technical data

Input voltage	5-32 VDC
Output voltage	3 - 30 VDC Adjusted with potentiometer
Current consumption	Max 2A
Tamper protection	Yes
Dimensions (L x W x H) mm	58 x 76 x 27

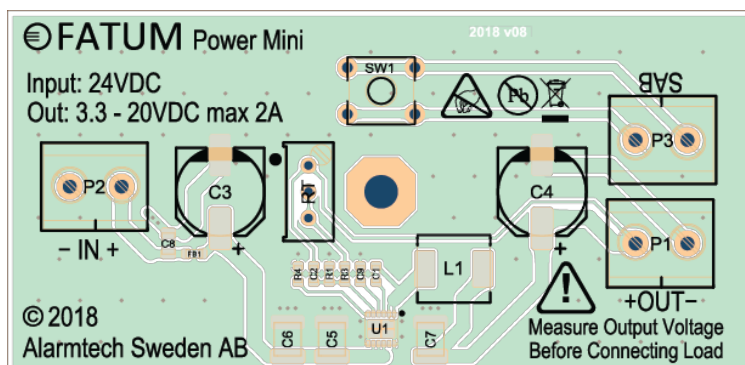


FATUM mini DC-DC converter is an easy-to-use 32 V, 2 A synchronous step-down regulator.

With a wide input range from 4 V to 32 V, it is suitable for various industrial applications for power conditioning from unregulated sources. Peak-current-mode control is employed to achieve simple control-loop compensation and cycle-by-cycle current limiting.

A quiescent current of 75  $\mu$ A makes the device suitable for battery-powered systems. The device has an option for constant frequency FPWM mode to achieve small output-voltage ripple at light load. Protection features include cycle-by-cycle current limit, hiccup-mode short-circuit protection, and thermal shutdown due to excessive power dissipation.

- 4-V to 32-V Input Range
- 2A Continuous Output Current
- Current-Mode Control
- 75- $\mu$ A Quiescent Current at No Load
- Soft Start into a pre-biased Load
- Output Short-Circuit Protection with Hiccup Mode
- Thermal Protection
- Sabotage Protection



## ORDERING INFORMATION

Code	Description
28097.03	DC-DC Converter MINI, 5-32 V -> 3.3-30 V