

Micro BEC 5V/12V-ADJ

SKU: MBEC2A

It is a high efficiency synchronous rectified step-down switch mode converter. It offers a very compact solution to achieve 1.5A continuous output current over a wide input supply range

Features

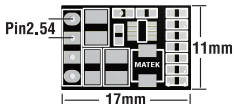
- High Efficiency Synchronous Mode
- Wide 7V to 21V Operating Input Range
- Continuous load current: 1.5 Amps (Max.2.5A 5s/minute)
- VOut 5V or 12V Adj. Default is 5V.
- VOut Load Regulation: 2%
- Standby current: <5mA
- Maximum Duty Cycle: 95%
- Output Ripple: 20mV(VIn=16V, VOut=12V@1.5A)
40mV(VIn=16V, VOut=5V@1.5A)
- OCP Protection and Hiccup
- Thermal Shutdown
- Output Short-circuit tolerant (5 seconds/minute)
- Pins distance: 2.54mm
- Size & Weight: 11x17x3mm, 1g

Layout



Default V Out = 5V

Connect the solder tabs, V Out = 12V



Efficiency & Load

