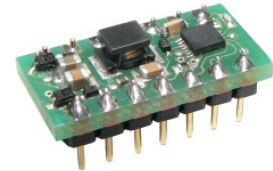


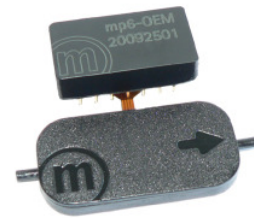
Small, adaptable and integrable: The new micropump controller mp6-OEM

The mp6-OEM is a small, easy to use, low cost driving circuit developed for the mp6 micropump from Bartels Mikrotechnik GmbH. For both prototype manufacturing and use in serial products, the mp6-OEM controller is applicable in accordance to the customer's needs by adaptation of the control parameters requested by the application. Besides the miniaturised size of the controller the user yields highest flexibility.

It generates up to 235 V peak to peak voltages from a 3-5 V supply. Its low power consumption makes it ideal for battery powered handheld devices or even solar powered devices. The module can be integrated into an existing PCB design like a 14 pin DIL package. A build in interface allows the user to adapt frequency and / or amplitude to his application by the use of a few additional components or a microcontroller. For operation with fixed parameters 100 Hz / 235 V, only jumpers need to be applied. Examples of circuitry will be provided.



mp6-OEM (un-encapsulated)



Size comparison mp6 and mp6-OEM.

About Bartels Mikrotechnik

Ever since its foundation in 1996 Bartels Mikrotechnik GmbH has been a synonym for great innovative power and microtechnological know-how. Bartels specializes in innovative applications of micro systems technology (MST) in the branches of classical consumer goods, mechanical engineering and medical technology. Microfluidics, microactuation and micromechanics constitute the company's technological focus. The international activities of Bartels Mikrotechnik subdivide into two business segments: Bartels microEngineering and Bartels microComponents.

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