



EDpower::pro

## PP9810 MoPS

### Motor Power System

**Power system for direct current motors and high-performance LEDs in the vehicle**

The EDAG PP9810 Motor Power System is used to control up to five DC power motors. This enables new seat adjustment or window regulator functions to be implemented with little effort. Speed and direction of rotation can be simply controlled, and block detection via current consumption is also possible with the PP9810 Motor Power System.

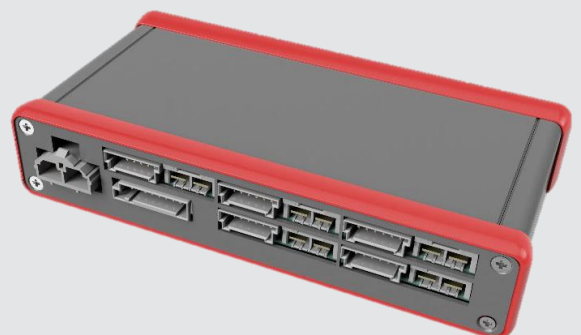
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#### Special features:

- Motor version with 5 motor channels
  - LED version, with 3 motor channels and 2 LED channels to control a total of 12 LED bands by means of PWM
  - In addition to the power output, there are also inputs on each motor channel, for the integration of position measuring system
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#### Application:

- New seat adjustment or window regulator functions can be implemented in prototype vehicles with little effort.
- Control of tailgate drive units and rear lights in a show car.
- Motorised interior elements for demonstration purposes.

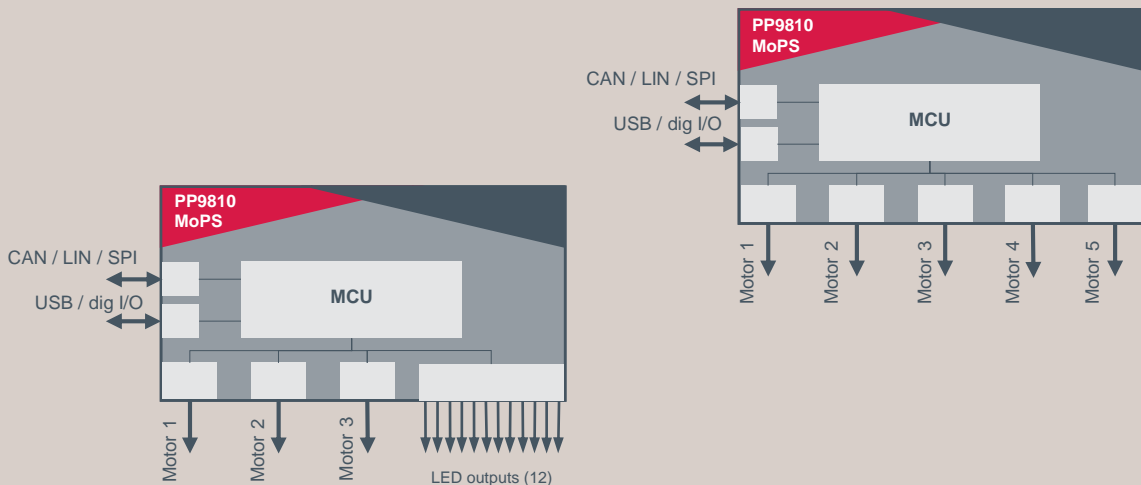




## Technical data

Power supply (external)	
Supply voltage	6 V to 36 V DC
Nominal capacity	850 W
Quiescent current	< 10 mA at 12 V
Environmental conditions	
Temperature	-20...+80°C
Humidity	0 % bis 90 % RH
Motor channel	
Output current	15A
Regulation	2 digital inputs 1 analogous input
LED channel	
12 outputs	16 Bit PWM with 60 mA up to 17 V
Communication	
Power system	CAN, LIN, SPI, USB or GIPOs

## System circuit diagram



### Contact

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### Ordering information



We offer customised solutions for your application, and look forward to discussing your individual project with you.