



GPD

Generic Power Driver

Generic Power Driver (GPD) is a versatile control unit designed for efficient motor control and load management. Equipped with Pulse Width Modulation (PWM), GPD enables precise control of two motors in bidirectional mode. Two Full-Bridge outputs deliver power and control signals to the motors, ensuring optimal control performance. Additionally, GPD offers the feature of switching the Full-Bridge outputs into four Half-Bridge outputs, enabling the control of various loads like heaters. GPD communicates with the other devices in the network via the CAN-Bus protocol, allowing seamless integration. The input signals can be read via the frequency and digital inputs and can be converted to CAN messages. GPD is committed to providing a reliable and high-quality solution meeting ASIL B, A-SPICE requirements, and the industry standards.

9-36 VDC
Operating Voltage



10 Digital Input



2 Full-Bridge Output
(Continuous 20A)



1xCAN Interface



Supports ISO 26262
up to ASIL B



Developed according to
A-SPICE



-40°C ~ +85°C
Operating Temperature



IP-54
Protection Class

