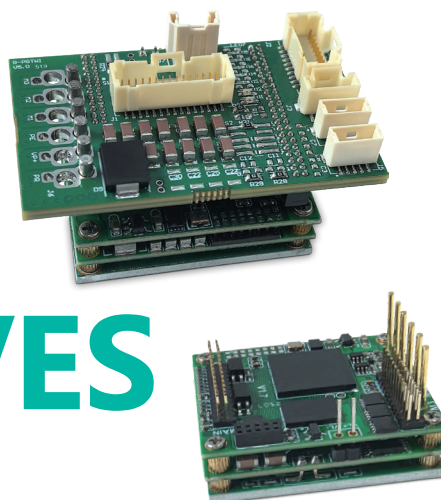


COMPACT SERVO DRIVES



Robotics



AGVs



Industrial



Microelectronic



Harsh Environment

High performance, modular, and miniaturized design low voltage DC servo driver

PALKI is committed to providing customers with customized, integrated intelligent solutions to meet the personalized needs of different fields. It has developed a diversified range of servo driver products, which are characterized by their small size, high power density, rich interfaces, easy installation, simple commissioning, and high reliability. The products cover a wide range of power levels, including low-voltage DC input, high-voltage DC input, and general high-voltage AC input. They can also meet the needs of special customers for customized products.

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Any Motion, Any Application.

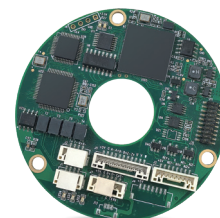
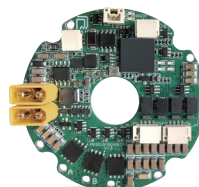
The motion control performance exceeds your expectations.

High performance and compact size

- Compact form factors and annular hollow structure designs available.
- Compatible with various motor types and feedback signals.
- Robust control and communication functions; extensive application scope.
- Dual absolute encoders integrated in annular structure for dual closed-loop control.
- Compact design meets challenging space constraints.
- Customization available to meet customer requirements.

Application Scenarios

- Robotics
- Electronics/ Semiconductor
- AGV & Smart Warehouse
- Industrial Automation



Specifications	PIQ	PIU	PID	PIR56	PIR66
Continuous Current	1/3 A	5/10/20 A	5/10/25/50/80 A	5 A	5 A
Supply Voltage	18-60 VDC	12-48 VDC	18-100 VDC	18-60 VDC	24-48 VDC
Communications	CANopen, EtherCAT, (Customizable: UART, Analog Signals, PWM, ModBus)				
Feedbacks Types	BISS-C, SSI, (Customizable: Digital Hall, Resolver, Incremental Encoder, Tamagawa Protocol)				
Motion Modes	Torque, speed, position, homing, IP, CSP, CSV, CST				
Motor Types	Servo motor, DC brushless, brushed motor, linear motor, torque motor, coreless motor				
Digital I/O	1 inputs 1 outputs	1 inputs 1 outputs	6 inputs 2 outputs	/	/
Operating temp.	-20°C~+60°C	-20°C~+60°C	-20°C~+60°C	-20°C~+60°C	-20°C~+60°C
Storage temp.	-40°C~+80°C	-40°C~+80°C	-40°C~+80°C	-40°C~+80°C	-40°C~+80°C
Dimensions	28x18x4.8 mm	27x27x10 mm	35x30x19 mm	56x15x12 mm	66x20x7 mm
Weight	2.5 g	8.7 g	17.3 g	16.3 g	15.2 g