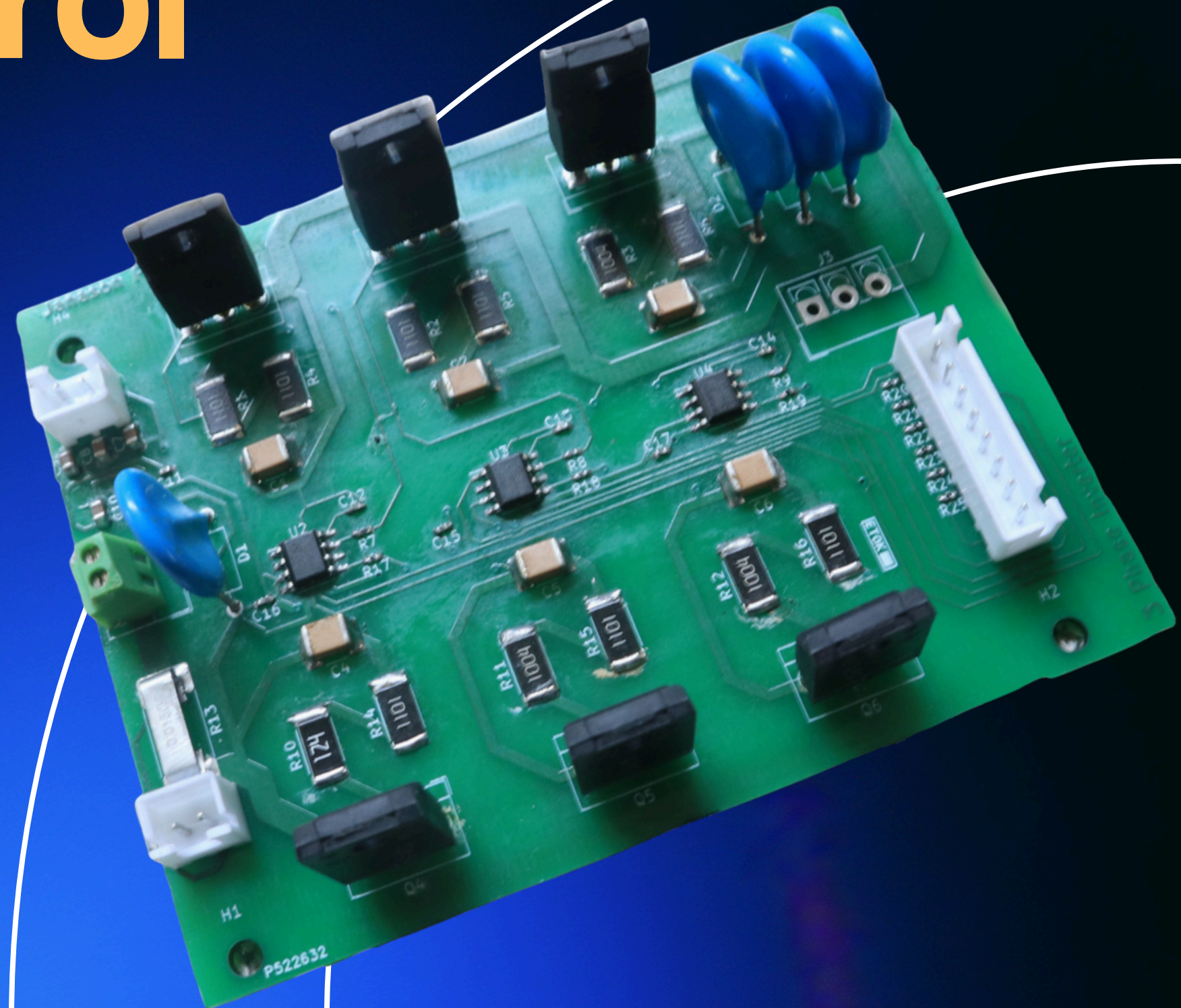


3-Phase Inverter Board



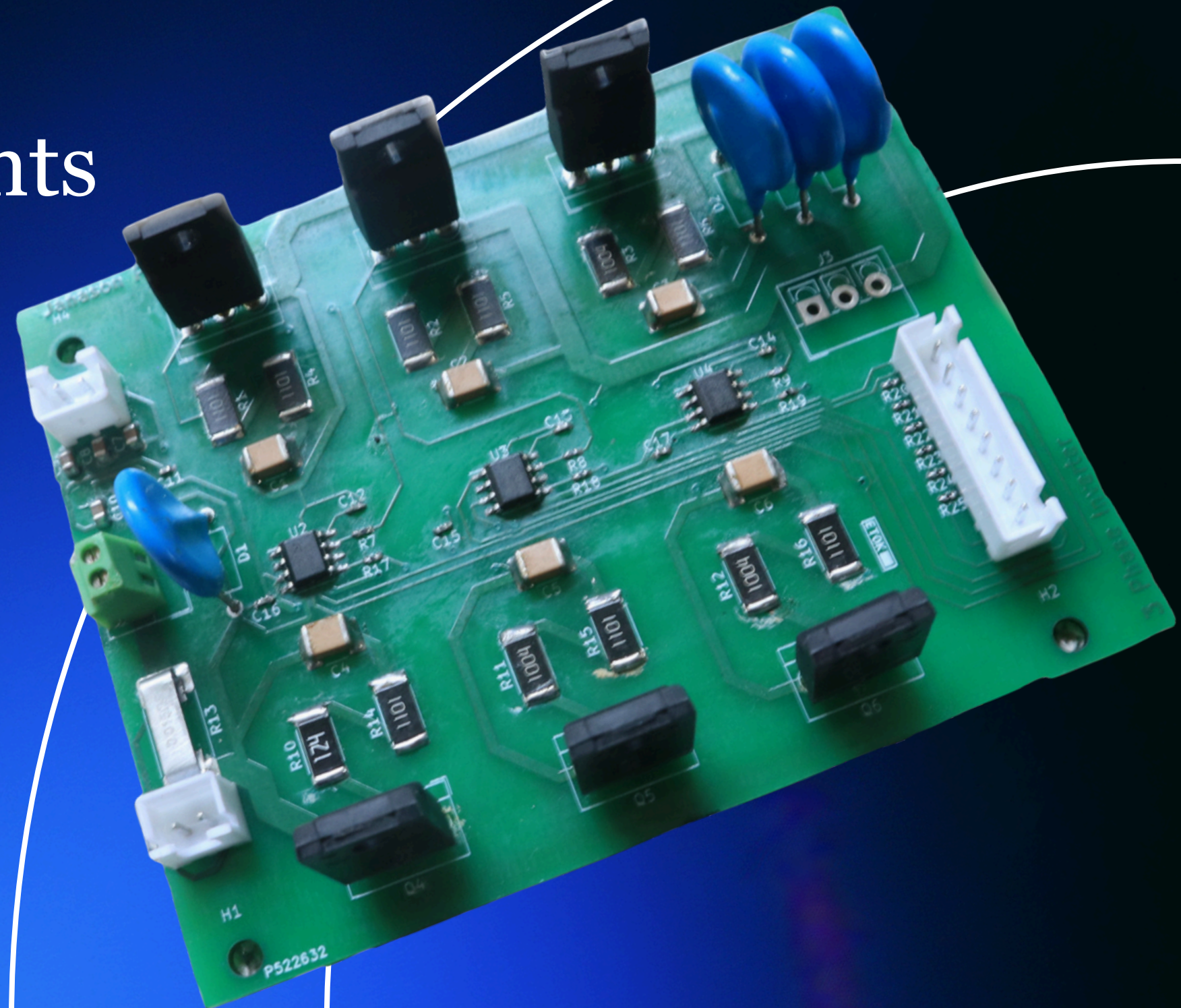
for Motor Control

BLDC
PMSM
induction Motor



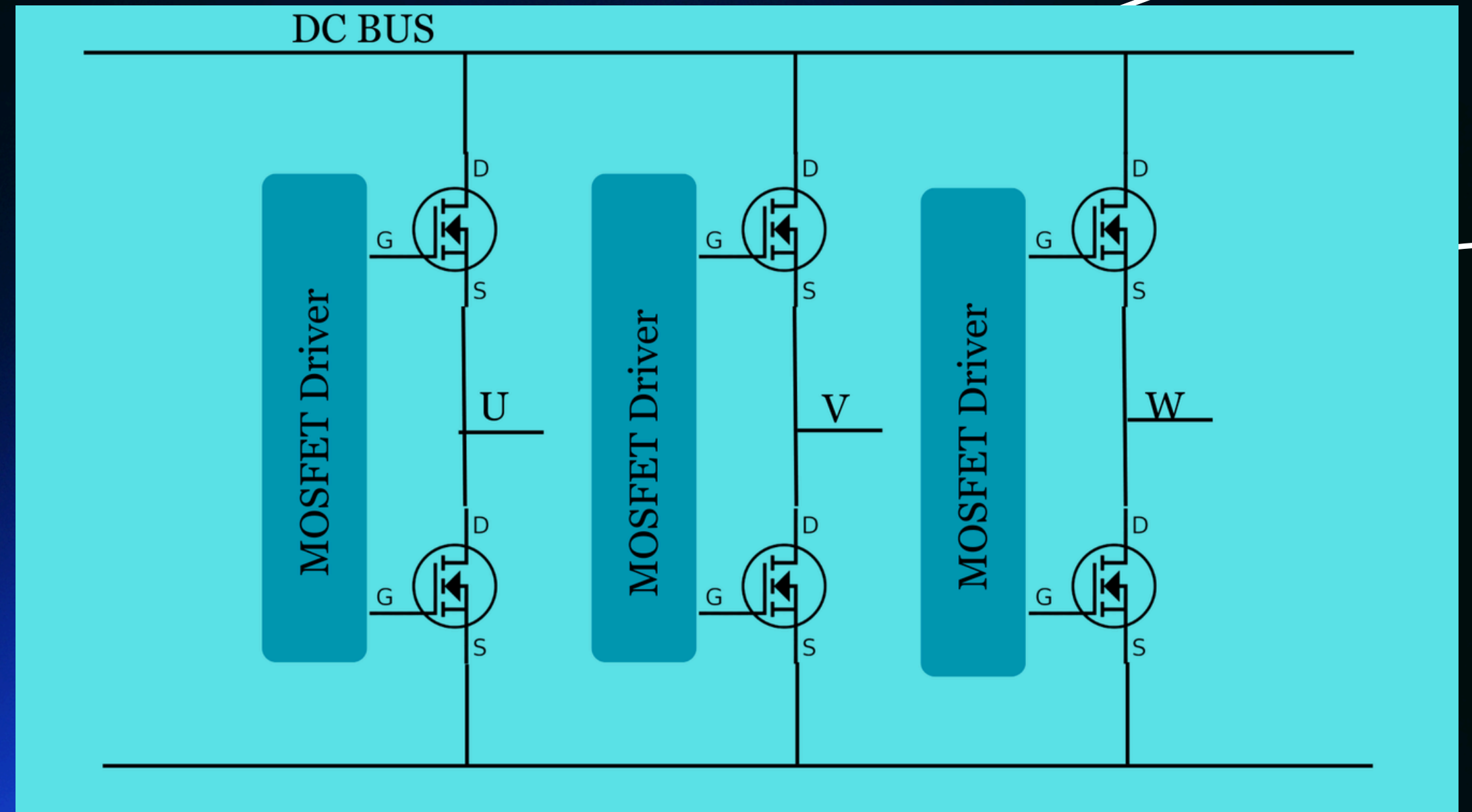
Applications of 3-Phase Inverter Board

- BLDC Motor Drives
- PMSM Motor Control
- Induction Motor Experiments
- Industrial Automation
- Robotics & CNC Systems
- Solar Pump Controllers
- EV Drive Prototyping
- Research & Education



3-Phase Inverter Architecture

- Three Half-Bridge Topology
- MOSFET Gate Driver Interface
- PWM Controlled Switching
- Suitable for BLDC / PMSM Motors



Integrated Protection Features

- Input MOV Surge Protection
- Output Surge Suppression
- RC Snubber for Switching Noise Reduction
- DC Bus Current Sense Shunt
- Independent Gate Inputs for All MOSFETs
- Suitable for Custom PWM Control Algorithms
- High-Speed MOSFET Gate Driving
- Designed for BLDC / PMSM Applications





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