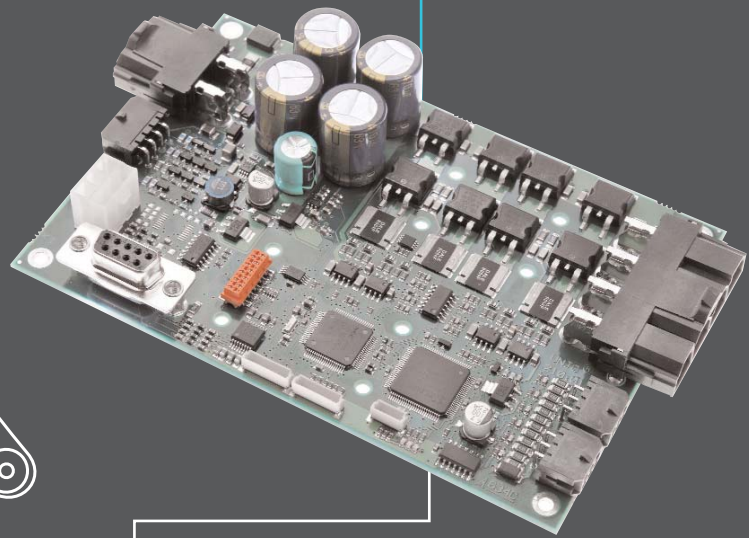


Enjoy the benefits of  
Unjo® Supertiger.  
Flexible motor control.

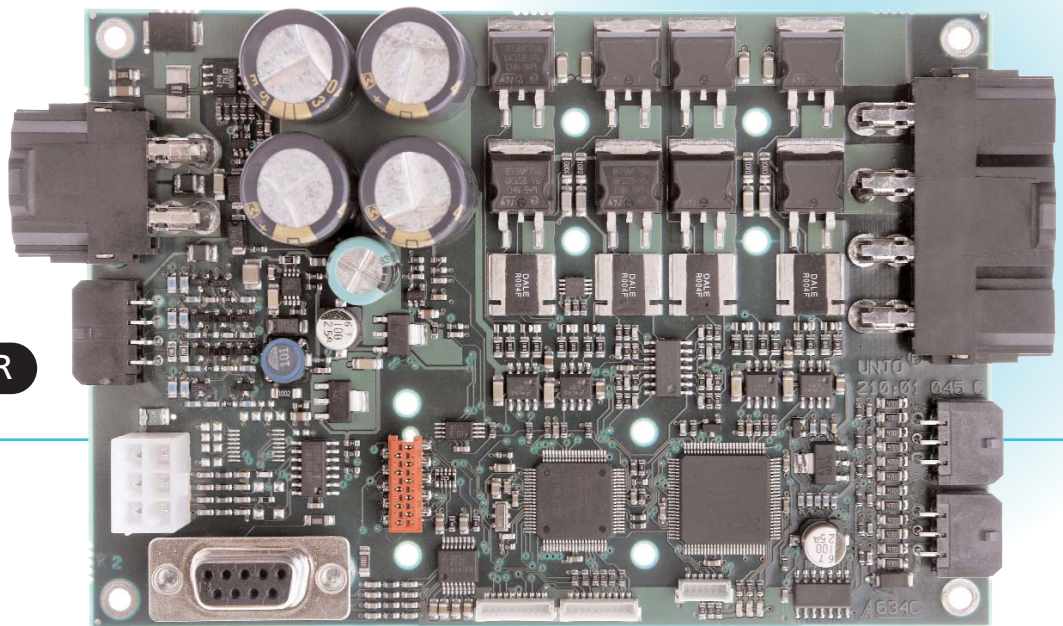


SUPERTIGER

- Delivered with customised software.
- Available in small quantities.
- Very short delivery time for customised unit and minimal initial investment.
- 2 DC-motors can be controlled, either synchronised or independent of each other, by the same unit.
- 1 500 W, drive and controller in one unit.

Our solution —  
— Your profit

## Unjo® SUPERTIGER



## Technical Specifications

General:	Semi standard motor control unit for 2 or 3-phase step motor, brushless DC-motor or 1 or 2 brushed DC-motors.	Dimensions:	PCB LxWxH = 140 x 95 x 26 mm.
Commutation:	BLDC: - Block, with hall sensors or sensorless. - Sinusoidal. Step motor: Up to 128 micro steps.	Additional features/ daughter boards:	Analogue inputs. Analogue hall sensors. Sensorless BLDC. Digital outputs. Analogue outputs. Relay/opto-coupled outputs. CAN 2.0 B (up to 1 Mbit/s). USB.
Supply voltage:	Nominal 18 – 48 VDC.	Software:	A large number of basic modules are available, for example motor control and communication. These are utilised by an overall application software, which is unique for each customer project. The modular design of the basic functions allows the application program to be designed and verified in a very limited period of time. This means that the customers investment can be kept very low, without increasing the unit cost.
Power stage:	Max 30 A continuously at 18 – 48 V.		
Inputs, 24VDC:	4 digital inputs for 24VDC systems. Switching level approx. 7 V. Configurable with 10 kΩ local pull-up to incoming supply voltage, or pull down to ground.		
Inputs, encoder/ hall sensors:	2 connections for encoders with index pulse or digital hall elements for BLDC. Each connector delivers 5 or 10 VDC sensor supply and has 3 inputs with local pull-up.		
Communication:	RS-232 via 9-pole D-sub connector and RS-232 or RS-422 / RS-485 via separate connector.		
Parameter memory (non volatile):	Adjustable parameters are arranged according to customer demands.		