



SiG-BLDC

Motor-Control ECU

Provides: Configurable Processor, Gigabit Ethernet, GPIO, Serial, Motor Control and Wireless Zig-Bee Interface

	Hardware Features	
Xilinx Virtex5 FPGA	•	XC5VLX50T
BLDC Operation	•	5Amp/3Phase BLDC
Flexiable Encoder	•	
Giga-Bit Ethernet Control	•	
Serial Ports	•	3x Serial Ports
CAN bus	•	2x Can bus
Outputs	•	4x High/Low Side Outputs
Operation	•	+12Volt/24Volt Operation

VHDL IP Features

- 3PH Motor(Sinus or Block) Communication	•	- Flexiable Encoder Core - Safety Function Core - Synch Function Core
- Processor Interupt Block		

Contact Information

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Disclaimer: Application and environmental data must be verified by end user/customer.

Si-Gate GmbH shall not be held liable for any improper usage.

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