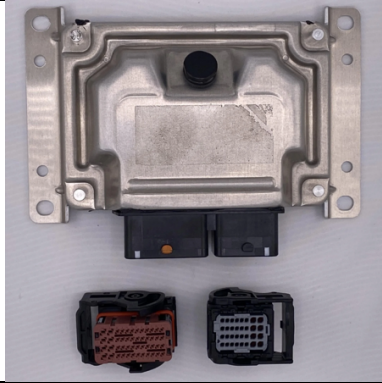




Product Data Sheet

Vehicle Control Unit (VCU)

Relevant EVCS SKU numbers: VCU010

Description:	
VCU with Connectors and Terminals.	
	Typical Applications
	• Automotive • Offroad applications

Key Specifications

Main chip: Infineon TC234L, 32 bit Microcontroller
Frequency: Up to 200MHz main processor frequency.
Interface Resources:
Power Wake-up: 3 channels of highly effective wake-up, 1 channel of low effective wake-up.
Input Signals: 3 channels of PWM input, 17 channels of digital input, 9 channels of analogue input.
Output Signals: 2 channels of PWM output, 4 channels of high side driver, 18 channels of low side driver, 2 channels of LED driver, 1 channel of H-bridge driver
Power Output: 2 channels of 5V power supply.
Communication Bus: 3 channels of CAN, 1 channel of LIN.
Satisfaction and Application:
Reach functional safety: ISO 26262 ASIL-C, CyberS and AUTOSAR 4.2.2. Standard.
Degrees of protection: IEC60529-IP67, IPX9.
Application: Battery Electric vehicles, and hybrid electric vehicles in 12v power supply system.

Note: These products may require software configuration for your system. **This is a one off additional cost.** Please contact EVCS to discuss your requirements.



Product Data Sheet

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