

CyberCogs CC-VCU100 Vehicle Control Unit

HARDWARE SPECIFICATIONS

• **Dimensions** 152w x 127d x 38h(mm)

• Power: 6-36VDC

• Communication Ports:

1 LIN port

2 CAN bus ports

• IO Ports:

Discrete inputs

Analog inputs, 12 bit resolution

Sensor power

Discrete Outputs:

Low Side Drive (LSD) up to 3 Amps

PWM outputs

 Processor: (Lock step) Cortex M7 running at 240Mhz with FPU and DSP

• Memory:

8 Mbytes flash with ECC

1.15Mbytes of RAM with ECC

• Package: ABS black plastic UL 94V0

• Connector: 80 Pin Molex Right angle CMC Header

Protection Rating: IP68/IP69

• Temperature range: -40 to 95C

ADDITIONAL FEATURES

- ISO26262, ASIL-D compliant
- USA designed and manufactured
- Integrated HSM
- Secure boot
- Secure internal key storage for signing, verification, and encryption in secure module subcomponent

SOFTWARE FEATURES

- Adaptable Software with modular design for easy integration, performing all Vehicle Control functions
- ISS FlexHSM pre-ported through partnership with ISS
- ISS FlexUpdate pre-ported through partnership with ISS
- ISS DLM Trust for provisioning through partnership with ISS
- Secure communication available through DLM Trust (available through partnership with ISS)
- Software developed to Autosar coding guidelines

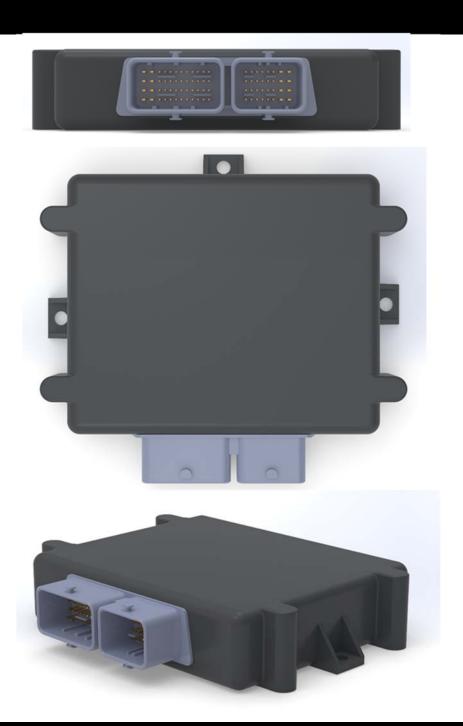


Request a Quote:

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