



## CyberCogs CC-BCM100 Body Control Module

### HARDWARE SPECIFICATIONS

- **Dimensions:** 137w x 97d x 36h(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
    - High Side Drive (HSD) up to 3Amps
    - PWM outputs
- **Processor:** Cortex M4F running at 112Mhz
- **Memory:**
  - 1 Mbytes flash
  - 128Kbytes of RAM
- **Package:** ABS black plastic UL 94V0
- **Connector :** 109 pin Molex Multi-4Bay
- **Temperature range:** -40 to 95C

### ADDITIONAL FEATURES

- ISO26262 , ASIL-B 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 Body 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



## CyberCogs CC-BCM100 Depiction

