



BCM48

Body Control Module w/ Ethernet, 4 CAN, 4LIN channels

P/N: BCM-5646-48-1404



The BCM-48 is an automotive grade rugged controller, suitable for operating in harsh automotive, marine, and off-highway applications. It is environmentally sealed to IP67. With 4 CAN channels, 4 LIN channels, and Ethernet this controller is the ideal choice for network gateway applications including DoIP (ISO13400).

The BCM48 is part of a family of rugged, automotive-grade production controllers that use a software development process based on MATLAB/Simulink, known as Raptor-Dev. Raptor-Dev significantly speeds up algorithm development by using automatic code generation. In addition, developers can quickly test application software on their PCs with a built-in onscreen PC simulation. See the next page for more details.

- MATLAB Simulink Programmable
- Wake On CAN
- Processor
 - 120MHz
 - Freescale SPC5646C
- Memory
 - 3072 KB Flash
 - 64 KB EEPROM
 - 256 KB Internal RAM
- 9 Inputs
 - 5 Analog Inputs
 - 0-4 Digital Inputs
 - 0-2 Frequency Inputs
 - 0-2 Wake Inputs
- 12 Outputs
 - 3 H-Bridges
 - 4 High Side Drivers
 - 4 Low Side Drivers
- 6-26 V Operating Voltage
- Communication
 - 4 CAN 2.0B
 - 4 LIN
 - 1 Ethernet
- Environmental
 - -40°C to +85°C Operating Temp
 - IP67 Compliant
- Required Compiler
 - CodeWarrior for MPC55xx/MPC56xx Microcontrollers