



ELECTRONIC CONTROL MODULES

Proprietary electrical hardware design

Model driven software development

Customized input and output features



FEATURES

Supported Vehicle
Communication Protocols:

- MS & HS CAN
- SAE J1939
- LIN
- ISO 14229
- UDS
- Wireless

Over and under current
protection

Certified Compliance:

- TS 16949
- ISO 9001
- ISO 14001

Ideal for OEM, Tier 1 and
Tier 2 customers

OUTPUT FUNCTIONS

- Single and multi-colour interior ambient lighting
- Exterior and interior lighting controls – including LED ambient and task lighting systems
- Comfort and convenience control – including heated seats and steering wheel
- Automatic headlight control – including daytime running lights (DRL)
- Instrumentation, driver Information displays, light bars and gateway modules
- Windshield wiper, turn signal and climate/comfort controllers

INPUT TYPES

- Variable resistance analog inputs
- PWM inputs
- Matrix and ladder logic inputs
- Digital, dash and multi-function switch inputs
- Multi-function switch inputs
- Data bus inputs; wireless;
- Switch wetting; proximity and temperature inputs

OUTPUT TYPES

- PWM outputs
- Data bus outputs; wireless

MARKETS SERVED

- Automotive
- Commercial vehicle on-road
- Commercial vehicle off-road
- Specialty vehicles
- After-market