

INSTRUMENT
CLUSTER

HMI

SENSORS

ELECTRONIC
CONTROL UNITS

DATA
LOGGER



SERVICE UNITS



ELECTRONIC SYSTEMS



AUTOMATIC TESTING SOLUTIONS



PRODUCTION

INDUSTRIAL VEHICLES



Instrument Panel

- Double microcontroller for safety functions
- 2,4 inch TFT Display
- 2 CAN Lines
- 8-16V, -30C+85C



Instrument Panel

- Double microcontroller for safety functions
- 4,2 inch TFT Display
- 3 CAN Lines
- 8-16V, -30C+85C



ELECTRONIC CONTROL UNIT

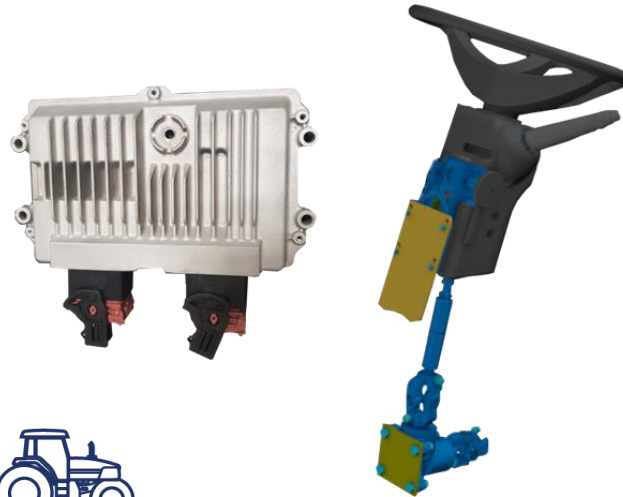
- Double microcontroller for safety functions
- 18 Analogue/Digital Input, 11 Output
- High precision Current sense HSD
- 2 CAN Lines, Optional Optoisolated
- 8-32V, -40C+85C

INDUSTRIAL VEHICLES



ELECTRONIC CONTROL UNIT

- Double microcontroller for safety functions
- 42 Analogue/Digital Input, 30 Output
- High precision Current sense HSD
- 3 CAN Lines, Optional Optoisolated
- 8-32V, -40C+85C
- Militar version: MIL461G, MIL810G, MIL1275D



ELECTRONIC POWER STEERING

- PL-D Level (Iso 25119-1) HW Architecture
- Programmable steering rules
- 2 CAN Lines
- 8-16V, -30C+85C



IoT Device

- BLE Module for system identification
- Long battery life (10 years)
- Wake up accelerometer
- -30C+85C

INDUSTRIAL VEHICLES



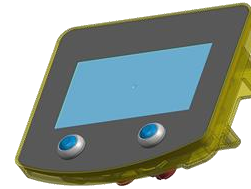
INSTRUMENT PANEL

- 32 bit microcontroller
- 7 inch TFT Display, camera Input
- 2 CAN Lines
- 8-32V, -30C+85C
- MIL461G, MIL810G, MIL1275D



HMI

- 32 bit microcontroller
- 4,2 inch TFT Display
- 2 CAN Lines
- 8-32V, -30C+85C
- MIL461G, MIL810G, MIL1275D



HMI

- 32 bit microcontroller
- 7 inch TFT Display
- 2 CAN Lines
- 8-32V, -30C+85C
- MIL461G, MIL810G, MIL1275D

MOTORCYCLE



INSTRUMENT PANEL

- 32 bit microcontroller
- LCD Custom Display
- 1 CAN Lines
- 8-16V, -40C+85C



ELECTRONIC CONTROL UNIT

- Microcontroller with safety architecture
- Stability and suspension control
- Body computer
- 2 CAN Lines
- 8-16V, -40C+85C



VEHICLE CONTROL UNIT

- Double microcontroller for safety functions
- Vehicle control unit on ELECTRICAL SUPERBIKE
- 2 CAN Lines
- 8-16V, -40C+85C

CAR



INSTRUMENT CLUSTER

- iMx6 quad core microcontroller
- 2 CAN Lines, 2 wire automotive Ethernet
- 12,3 Inch, 1920 x 720 TFT display
- 8-16V, -40C+80C



INSTRUMENT CLUSTER

- Graphic microcontroller
- 3 CAN Lines
- Double 5,3 inch TFTs
- Autosar
- 8-16V, -40C+80C



CAR HMI

- Graphic microcontroller
- 2 CAN Lines
- 8,1 inch TFT
- FPDLink connection (for infotainment graphics)
- 8-16V, -40C+80C

CAR



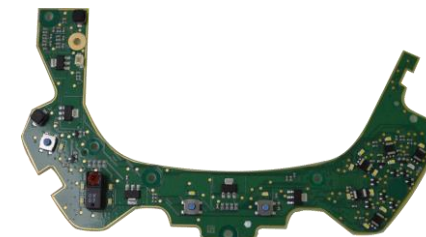
BRAKE PAD SENSOR INTERFACE

- WIRELESS system
- Battery powered
- 8-16V, -40C+125C



NOISE CANCELLING UNIT

- RH850/F1KH microcontoller
- 120W+120W power output with full diagnostic capability
- Amplifier: EMI compliance evaluated following normative CISPR25
- Autosar



STEERING WHEEL ECU

- ELECTRONIC BOARDS KIT for steering wheel
- 1 CAN Lines, 1 LIN Lines
- 8-16V, -40C+85C

RACING CAR



STEERING WHEEL

- F1 Steering wheel
- Complete integration, electronics & mechs
- Temperature and vibration active test



SWITCH PANEL

- F1 switch panel
- Complete integration, electronics & mechs
- Temperature and vibration active test



SENSOR/ACTUATOR MODULE

- F1 electronic units
- Complete integration, electronics & mechs
- Temperature and vibration active test

QUALITY

WE ARE
COMMITTED
TO GARANTEE
THE BEST
QUALITY LEVEL.



ISO 9001



ISO 13485



IATF 16949



ISO 14001



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