

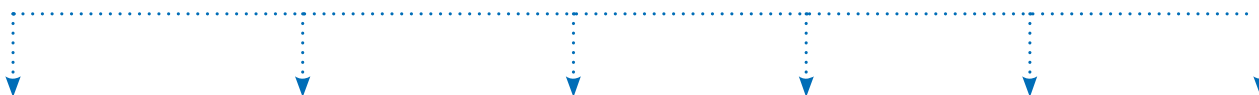


# rCube2: Rapid prototyping ECU

rCube2 is user ready rapid prototyping ECU based on AUTOSAR that enables fast and efficient development of control systems from initial concept to production. The system has been successfully used on a number of projects including Diesel/gasoline/CNG engines, transmission, hybrid powertrain control, as well as real-time 1-D gas dynamics engine model (WAVE-RT) integration into an engine control strategy.

## Key features

- Modular platform with 2 Input/Output expansion modules
- Two 32 bit Infineon processors
- Robust packaging for in-vehicle use
- LEMO® connectors
- Compatible with 12 V and 24 V
- CAN, FlexRay, Ethernet, LIN, RS232
- Automotive specific inputs and outputs
- AUTOSAR with Simulink® integration
- OneClickBuild process from Simulink® interface
- XCP over Ethernet or CAN
- Multi-rCube2 networking support



Engine control applications



Transmission applications



Hybrid & EV applications



Telematics and multi-sensor data fusion applications

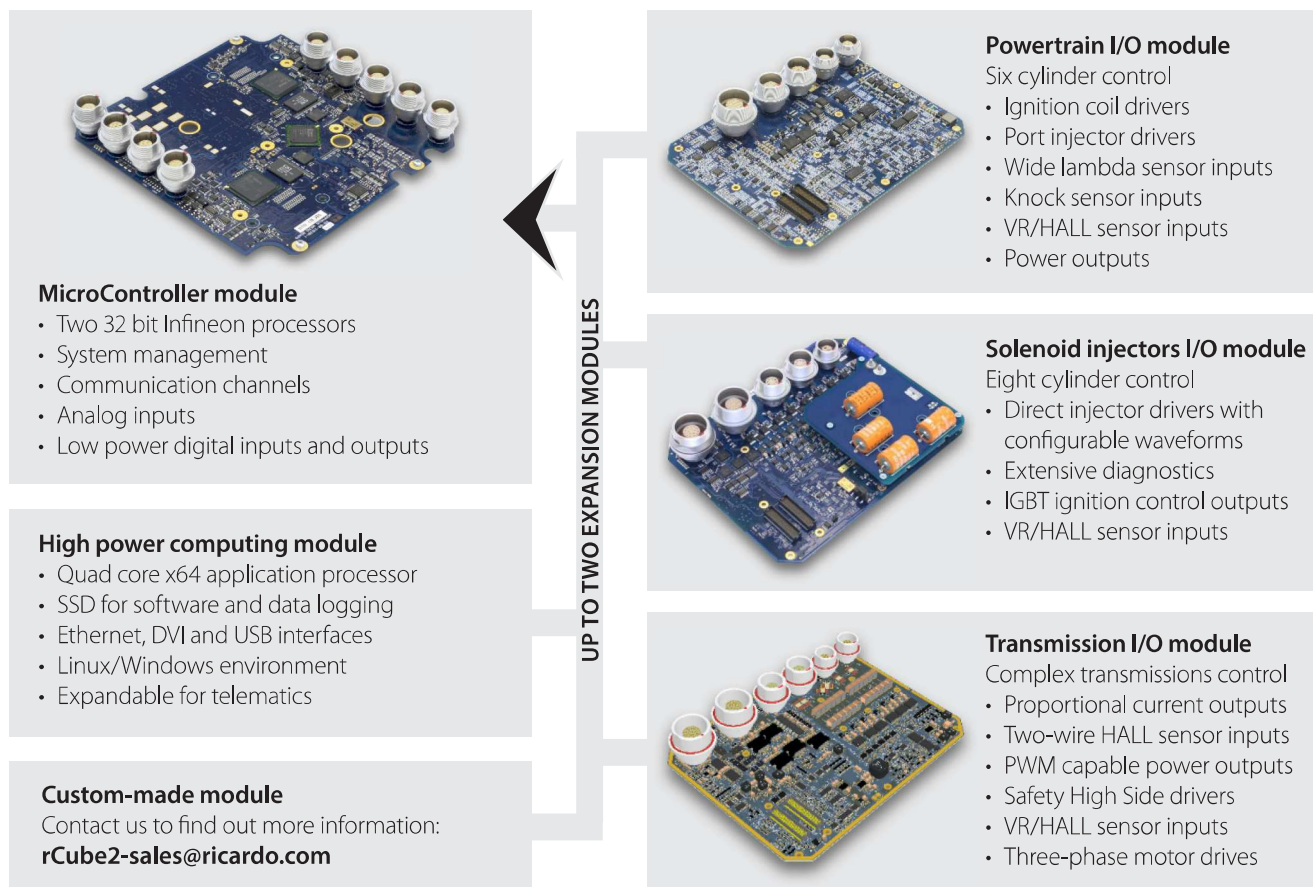


Advanced control applications

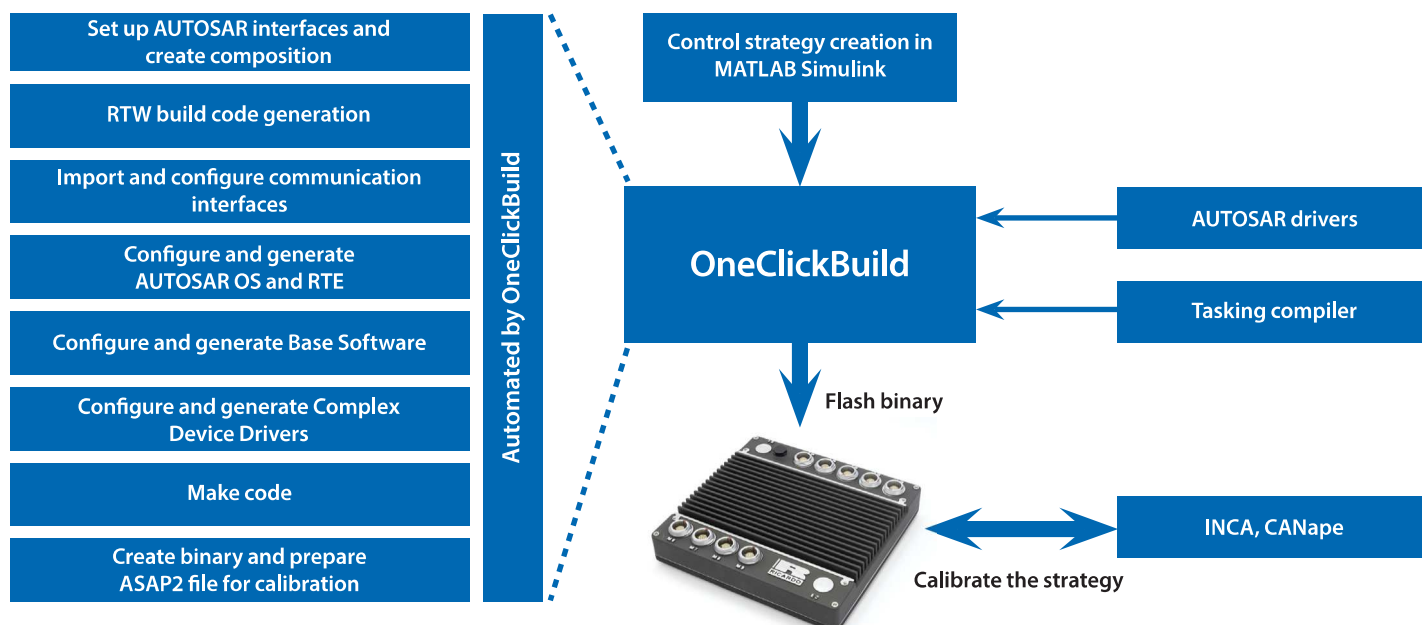
And more...

For full technical details, please ask for the specification sheet.

## rCube2 Modular Unit



## OneClickBuild - Easy-to-use automated build environment



For further information, please contact:

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[www.ricardo.com/rCube2](http://www.ricardo.com/rCube2)

