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## Pi Innovo introduces new OpenECU® controller

**The latest addition to the OpenECU® product line, the M110 is being introduced at Alternative Clean Transportation Expo 2016.**

Pi Innovo will be introducing the latest controller to join its highly versatile and successful OpenECU family of embedded controllers on stand 1707 at the upcoming Alternative Clean Transportation Expo 2016 on May 2<sup>nd</sup>.

The M110 is a 40-pin, multi-purpose module with a wide range of capabilities and is aimed at systems developers who need a controller with multiple CAN, LIN, SENT and analog I/O that can be configured to suit a variety of applications.

The M110 has a feature set ideally suited to EV and hybrid system supervisory control applications, making ACT Expo 2016 an ideal place to introduce it. Its rugged construction, powerful 32-bit Freescale processor, multiple CAN channels and wide range of I/O (including SENT receive and transmit channels) provide system developers with the power and flexibility to integrate the various components in a complex hybrid or electric drivetrain through one supervisory controller.

Other related applications for the M110 include CAN and Can-to-LIN gateway, CAN I/O expansion and smart relay driver, among many typical vehicle system controls. It's SENT capabilities also provide for sensor spoofing where a non-SENT system is utilizing a SENT device sensor or actuator, supporting rapid control prototyping of mixed-protocol systems. These features, with the addition of analog outputs make the M110 a useful tool for developers of alternate fuel vehicle storage and delivery system controls, autonomous vehicle systems integration, diagnostics and health and utilization monitoring systems.

The M110 is supported in Pi Innovo's OpenECU Developer Platform software suite, with both C and Simulink APIs which provide a set of software libraries which enable control algorithms and strategies to be quickly created and tested on real hardware in an actual system, accelerating development and providing a rapid controls prototyping path into low-volume production with a single controller solution.

As with the other controllers in the OpenECU family, the M110 can form the basis of a custom ECU design to meet the specific requirements of a production controller, providing an accelerated path into volume



supply. Speak to a Pi Innovo representative for more information on this innovative approach to custom electronics development.



The M110 multi-purpose controller

[link to M110 web page [here](#)]



[ACT Expo 2016](#)



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## Notes to editors

**Pi Innovo** is a world leader in the development and manufacture of electronics for the automotive, transportation, military and industrial markets, offering custom and off-the-shelf electronics solutions. Using its OpenECU® platform, the same proven, robust, reliable and reusable ECU hardware can be applied in successive rapid prototyping development projects and fleet trials, or in niche production vehicles. Because all OpenECU modules are designed and manufactured by Pi Innovo, the company can meet individual customer's needs by creating custom variants from prototyping to production applications. For more information visit: [www.pi-innovo.com/](http://www.pi-innovo.com/).

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