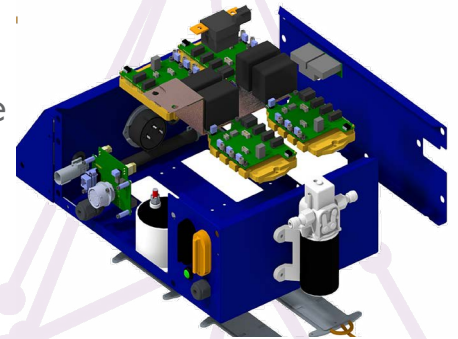


Reach the **PINNACLE**  
of **Performance**  
and **Reliability**

## Revving Up Performance: How Fuji Electric Semiconductors Drive Formula SAE Racing

"We can confidently say that without your products, we could not produce a competitive car year after year.

- **University Laval's Formula SAE team**



### High-Tech Power Behind Formula SAE Racing

Each year the students refine their inverters, which are the modules controlling the Fuji Electric IGBT modules. Having access to off-the-shelf, proven, and reliable IGBT modules allow them to focus on the control and tuning of their custom electric motors instead of solving the technical challenges of high voltage/high current power conversion.

Furthermore, the integrated protection circuits of the IPM modules keep their car and driver safe even in the most extreme situations.

### Speeding Ahead

Fuji Electric is proud to support University Laval's Formula Society of Automotive Engineers (SAE) team in Quebec, Canada. This team of students integrate Fuji Electric semiconductor devices to their race car by designing their own inverter systems in this competition series.

Fuji Electric has supported University Laval's Formula SAE team in the past with a sponsorship of sample V-Series IGBT modules. Four modules are utilized in their AWD car.

