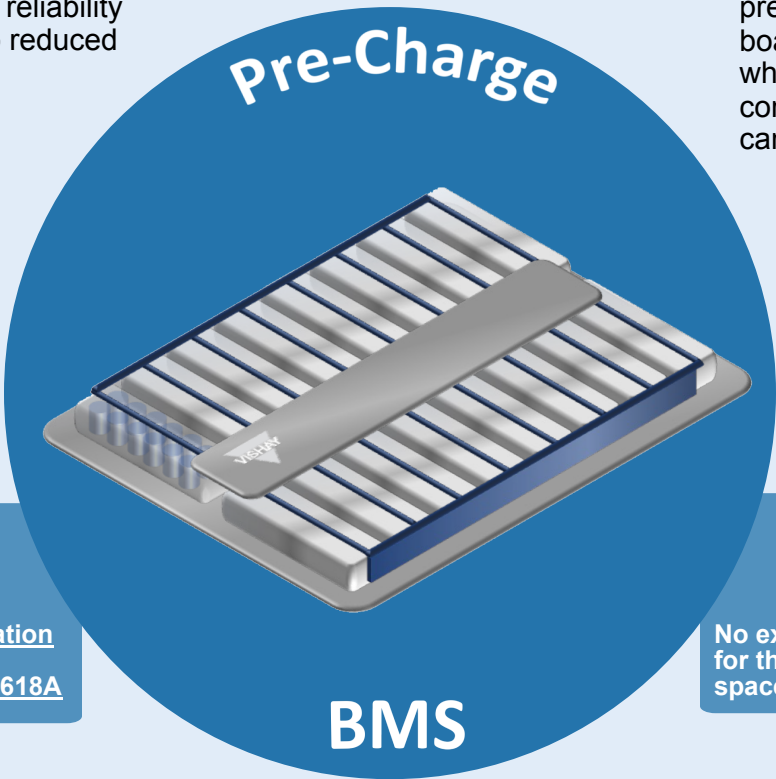


EV Battery Pre-Charge

With Automotive-Qualified Optocouplers

Managing the inrush current with a VOMDA1271 or VOMA617 increases the lifespan and reliability of EV battery packs due to reduced stress while switching.

Optically isolated components are used to trigger and monitor pre-charging from the control board and provide feedback when the pre-charge is completed and the main switch can be activated safely.



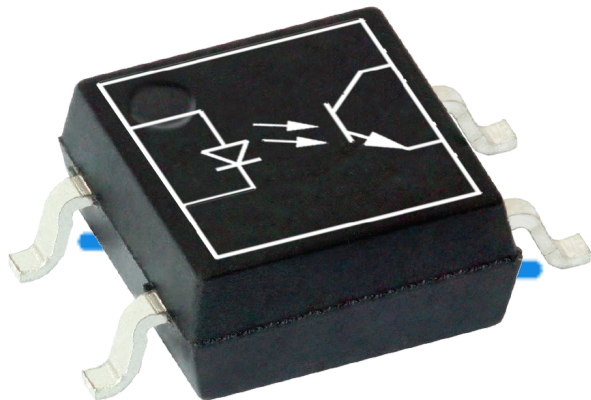
Try it out with our pre-charge evaluation board



Evaluation Board VOMA618A

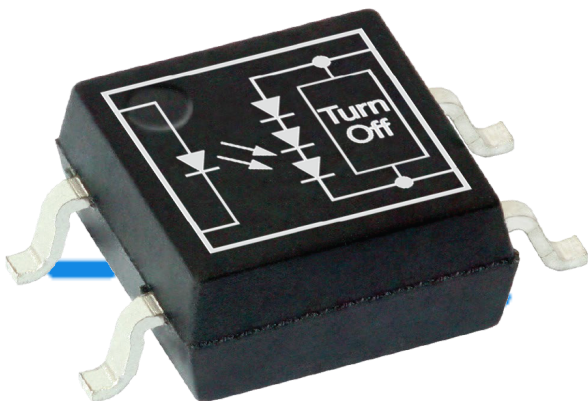


No external power supply is needed for the VOMDA1271. This saves space and cost on the HV side.



VOMA617

Automotive transistor coupler in low profile SOP-4 package



VOMDA1271

Automotive MOSFET driver in low profile SOP-4 package with integrated turn-off circuit for extra fast switching

Application Schematic

