

## **Solid-state power controllers feature on-board DC-to-DC converters**



Data Device Corporation (DDC) introduces its latest and most advanced generation of solid-state power controllers (SSPC) featuring on-board DC-to-DC converters to simplify power supply requirements, a new command interface to reduce bus traffic, and enhanced digital discrete control capability designed to improve system integration.

Benefits include:

- New On-Board DC-to-DC Converter
  - Eliminates the Need for an External Bias Supply
- New Serial RS-485 Bus Interface Option
- New Command Interface
  - Greatly Reduces Bus Traffic
- Enhanced Digital Discrete Control Capability

### **RP-26401000N0**

- 8 Channels
- 25 Amps per Channel (200 Amp Total Power)

### **RP-2621X000**

- 16 Channels
- 8/10/25 Amps per Channel (238 Amp Total Power)

DDC's Solid-State Power Controllers provide advanced programmability to simplify crew operation, automated power control to optimize power utilization, and

## **Solid-state power controllers feature on-board DC-to-DC converters**

Published on Electronic Component News (<http://www.ecnmag.com>)

---

automated prognostic/diagnostic reporting which eliminates the need for scheduled maintenance. The cards offer intelligent power management advantages such as accurate over-current protection, programmability, load monitoring, and network control to simplify vehicle power management. They also provide Size, Weight, and Power (SWaP) savings, with higher reliability and longer life compared to electromechanical circuit breakers and relays.

For more information, visit [www.ddc-web.com](http://www.ddc-web.com) [1]

### **Source URL (retrieved on 01/30/2015 - 12:10pm):**

[http://www.ecnmag.com/product-releases/2012/12/solid-state-power-controllers-feature-board-dc-dc-converters?qt-video\\_of\\_the\\_day=0](http://www.ecnmag.com/product-releases/2012/12/solid-state-power-controllers-feature-board-dc-dc-converters?qt-video_of_the_day=0)

### **Links:**

[1] <http://www.ddc-web.com>