



[www.versalogic.com](http://www.versalogic.com)

The VCM-DAS-3 from VersaLogic is a PC/104 module featuring 16 channels of 12-bit analog output and 24 digital I/O lines. The I/O is designed and tested for extended temperature operation (-40 °C to +85 °C) and is fully RoHS compliant.

Enhanced features include independently software-programmable output ranges; software calibration; the ability to reset to zero scale on power-up; read back of DAC and SPAN codes for simplified programming and setup; and latching 2 mm headers. Legacy features include 8-bit ISA compatibility, jumper-configurable output ranges in groups of eight, and the ability to reset to mid-scale on power-up. Both unipolar and bipolar operations are fully supported.

The VCM-DAS-3 has been well received by embedded OEM system designers of industrial equipment used in process control, data monitoring, and data collection devices.

– **VersaLogic Corporation**

## The range of outputs

PC/104 continues to see improvements in processing power and I/O capability. Vendors keep pushing the envelope in new I/O modules with more channels, improved accuracy, and smarter calibration features.

The VCM-DAS-3a from VersaLogic is a good example of this. With 16 channels of 12-bit Digital-to-Analog (D/A) outputs and 24 digital I/O lines, it puts designers in control of numerous devices. The D/A features independently programmable-out ranges, software calibration, zero reset on power-up, and read back of DAC and SPAN codes for simpler programming.

**Model: VCM-DAS-3a**

**Published in: PC/104 and Small Form Factors Spring 2008**



**RSC# 36150**