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### **DC Load Simulates AI Microprocessor Power Draw Below 0.8 Vdc**

[Chroma's](#) 63202A-20-2000 is an ultra-low voltage dc electronic load designed to meet the needs of applications of 2000 A at 0.2 V and 1000 A at 0.1 V. This instrument is well suited for simulating the loading characteristics of AI microprocessors and reliably testing voltage regulator modules (VRMs), voltage reduction devices (VRDs), and POL converters (see the figure).

With a current range of up to 2000 A and a full current operating voltage from 0.2 Vdc to 20 Vdc, the model 63202A-20-2000 can test embedded dc-dc converters, fuel cells, and other low-voltage, high-current devices. It even offers low-voltage operation down to a few hundred millivolts at reduced current levels.

Featuring a unique front copper busbar design to provide low inductance and minimal cable losses when connecting to the unit under test, the 63202A-20-2000 provides industry-leading slew rates and ultra-low operating voltages, according to the vendor. Chroma also offers optional low inductance cables making it a convenient test tool for advanced processor simulations.

This instrument is packed with features such as CC dynamic frequency up to 25 kHz, user-defined waveforms, standard USB, and optional Ethernet and GPIB interfaces.

For more information on the Chroma 63202A-20-2000, see the 63202A-20-2000 [page](#) or contact the company at (949) 600-6400.



*Figure. The Chroma 63202A-20-2000 ultra-low voltage dc electronic load is designed for applications of 2000 A at 0.2 V and 1000 A at 0.1 V, such as simulating loading characteristics of AI microprocessors.*