

# Semiconductor

## INDUSTRY

Test & Measurement

## SOLUTION

ADQ800 Series

## EQUIPMENT

DDR Memory Tester

## Memory Wafer Testing

Modern electronic devices rely on stable DDR memory for fast, reliable operation. With the increasing potential for errors in semiconductor memory subsystems and with smaller feature sizes and higher memory transfer rates, testing has become a key element in ensuring the reliability of flash memory.

An innovative flash memory developer and manufacturer is using Advanced Energy's Artesyn ADQ800 series DC-DC modules to support its high-parallel DDR wafer testing system. This low profile unit packs a punch – rated at 800 watts, and delivering up to 70 amps output current with no minimum load requirement. With ultra-high

efficiency and an ambient temperature range of -40 to +85°C, the ADQ800 is the ideal choice for the isolated converter in a distributed power architecture supplying power to non-isolated converters.



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