**Sensorless Adaptive Voltage Positioning Power Controller (SLAVP)**

- SLAVP controller uses D or Ve value in a control low to vary the reference voltage of the power converter.
- Reduces the need for current sensing and a high-resolution, high-speed Analog-to-Digital converter.
- Due to lower costs, this will allow for use in other applications and not just high-end applications (i.e., microprocessors) like current AVP controls.

**Advantages**

- Reduced output voltage deviation
- Better power regulation
- Reduced output capacitance
- Smaller size

**Applications**

- Computer Manufacturers
- Custom Microprocessors
- Video Game Systems

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