

- LDO Controller with 40mA drive
- Dual Synchronous Controller in 16-Pin Package with 150° out-of-phase operation
- Configured as 2-Independent PWM Controller
- Flexible, Same or Separate Supply Operation
- Operation from 4V to 25V input
- Internal 200KHz Oscillator
- Soft-Start controls all outputs
- Fixed Frequency Voltage Mode
- 500mA Peak Output Drive Capability
- Programmable Outputs
- RoHS Compliant & Halogen Free Product

- DDR Memory Source Sink Vtt Application
- Graphic Card
- Hard Disk Drive
- Power supplies requiring multiple outputs

The JTM3048 IC combines a Dual synchronous Buck controller and a linear regulator controller, providing a cost-effective, high performance and flexible solution for multi-output applications. The Dual synchronous controller is configured as 2-independent PWM controller. JTM3048 provides a separate adjustable output by driving a switch as a linear regulator. This device features an internal 200KHz oscillator, under-voltage lockout for all input supplies, an external programmable soft start function as well as output under-voltage detection that latches off the device when an output short is detected.

[illegible]

Figure 1 - Typical application of JTMA3048

Package Type
O : TSSOP-10
M : SOP-10