1.0 MHz Dual Switch-Mode DDR Power Supply

MC34716

Archived

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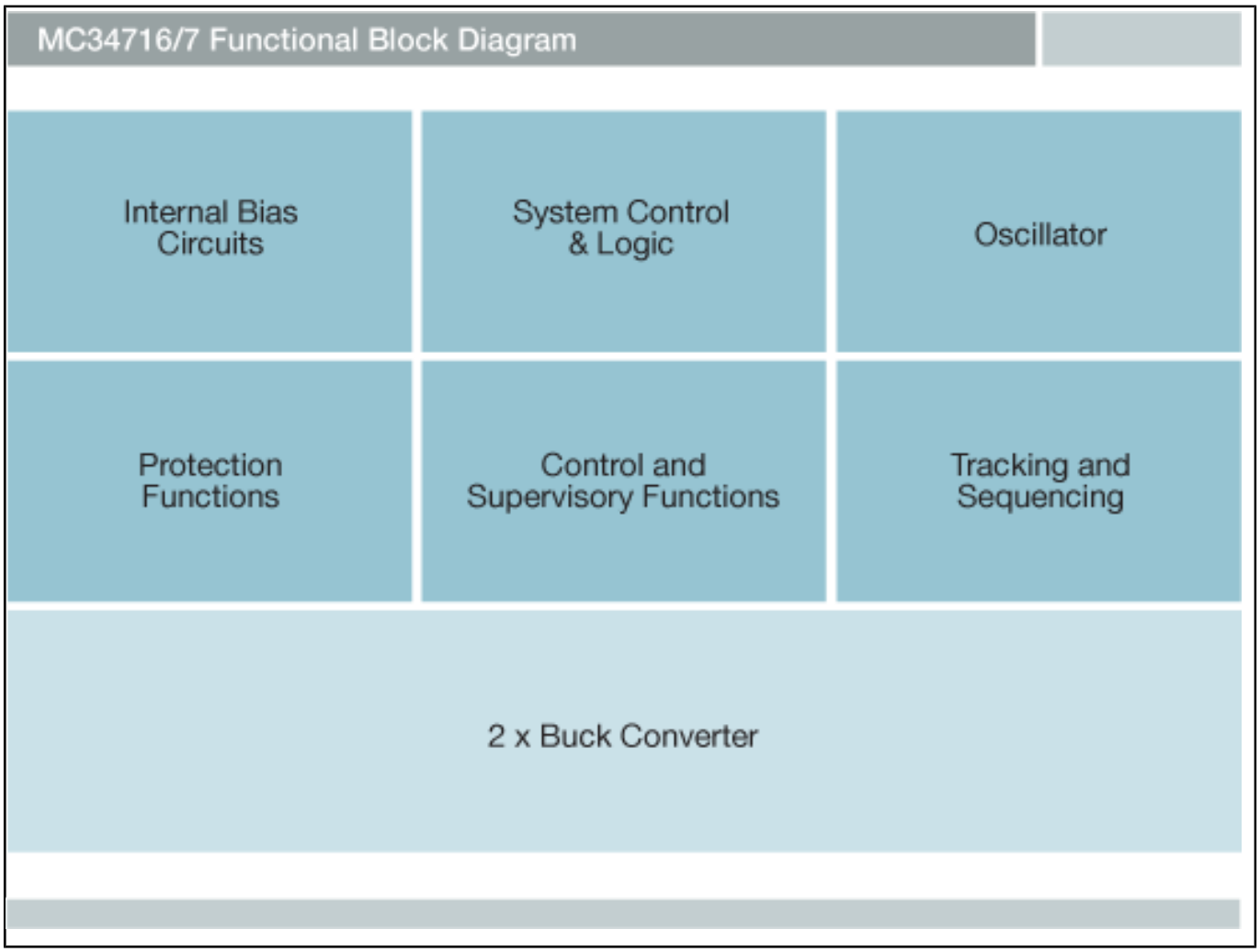
The NXP® MC34716 is a highly integrated, space-efficient, low cost, dual synchronous buck switching regulator with integrated N-channel power MOSFETs.

- High performance point-of-load (PoL) power supply with its second output having the ability to track an external reference voltage
- Provides a full power supply solution for DDR memories
- Channel one provides a source only 5 A drive capability, channel two can sink and source up to 3 A; both are highly efficient with tight output regulation
- Has a buffered output reference voltage to the memory chipset
- Offers flexibility of many control, supervisory, and protection functions to allow for easy implementation of complex designs

Freescale MC34716 Switch Regulator Block Diagram Block Diagram



View additional information for 1.0 MHz Dual Switch-Mode DDR Power Supply.

Note: The information on this document is subject to change without notice.