



# Quad Valve Controller System on Chip

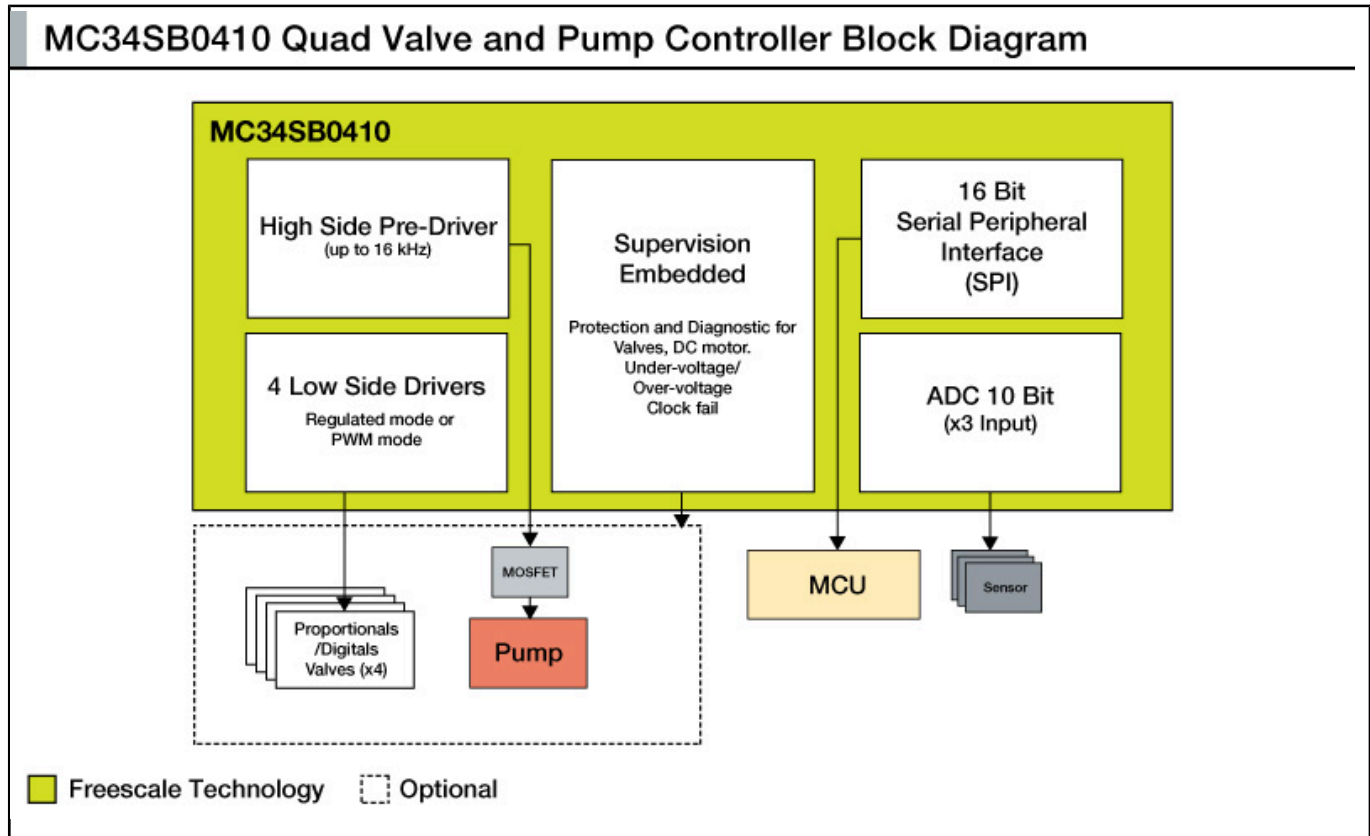
## MC34SB0410

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The NXP® MC34SB0410 quad valve and pump controller system on chip consists of four low side drivers regulated and a high side to control a DC motor.

- Suitable for loads with high inrush current and allows driving to high frequency (up to 5 KHz)
- With SPI communication, you can perform control and diagnostic functions directly on the chip
- Designed for harsh environments and includes self-recovery features due to the embedded supervision that allows extensive safety monitoring
- This system on chip is the ideal solution to drive hydraulic or pneumatic valves without "smart electronics"
- [Processor Expert® component Valve Driver](#) and [Embedded Software Valve Driver](#) enables rapid embedded application development.

# MC34SB0410 Quad Valve and Pump Controller Block Diagram Block Diagram



View additional information for [Quad Valve Controller System on Chip](#).

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

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