



Power Supply with Multiple Linear Regulators

MC33730

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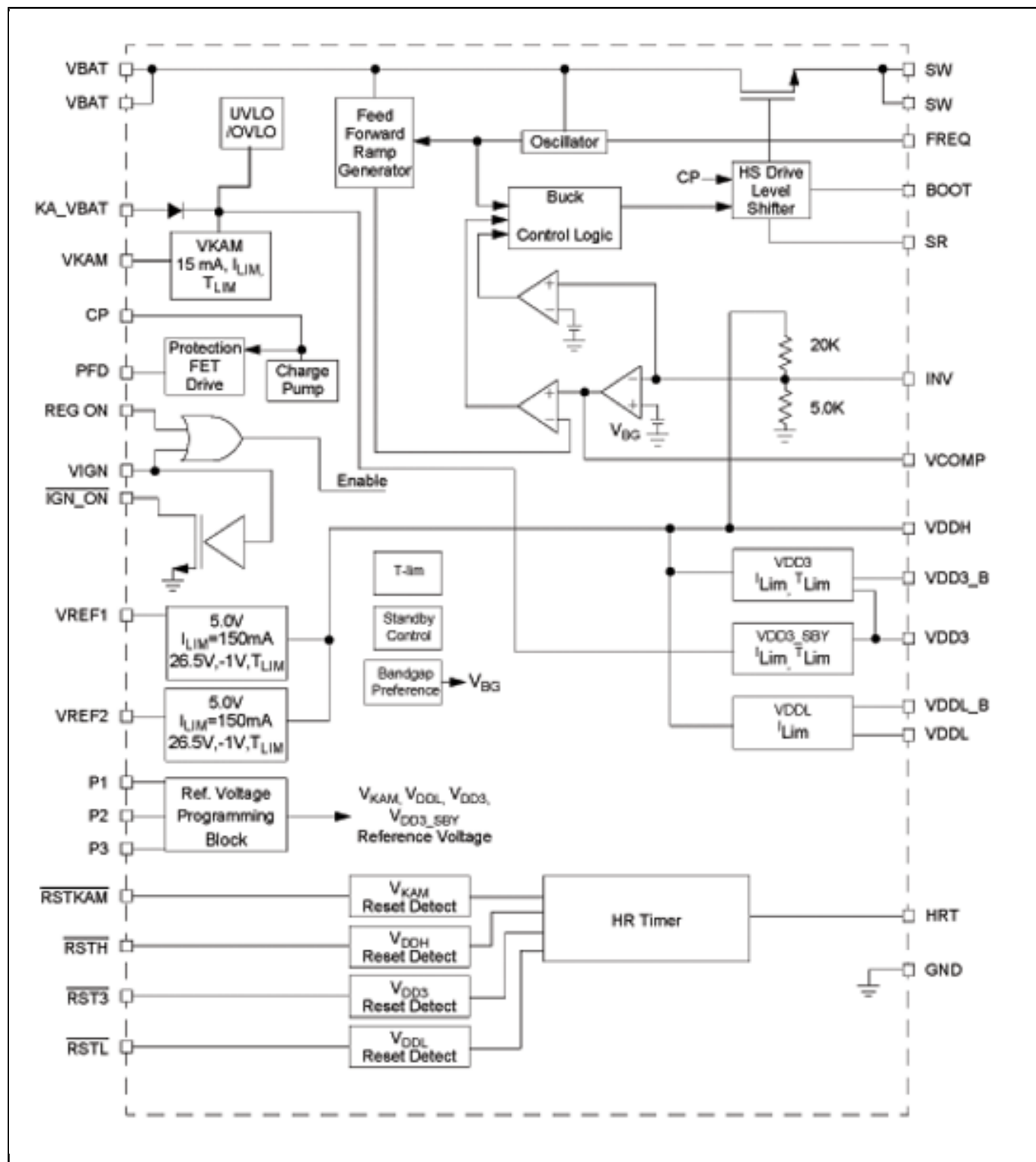
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The NXP MC33730 is a multiple output power supply integrated circuit that incorporates a switching regulator with an adjustable frequency oscillator for automotive applications.

- The integrated circuit incorporates a switching regulator which operates over a wide input voltage range from +4.5 V to +26.5 V
- The step-down switching regulator uses a fixed frequency PWM voltage mode control
- It has a 3.5 A current limit (typical) and the slew-rate is adjustable via a control pin to reduce switching noise
- The switching regulator has an adjustable frequency oscillator, which allows the user to optimize its operation over a wide range of input voltages and component values

Power Supply with Multiple Linear Regulators Block Diagram



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