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DESCRIPTION

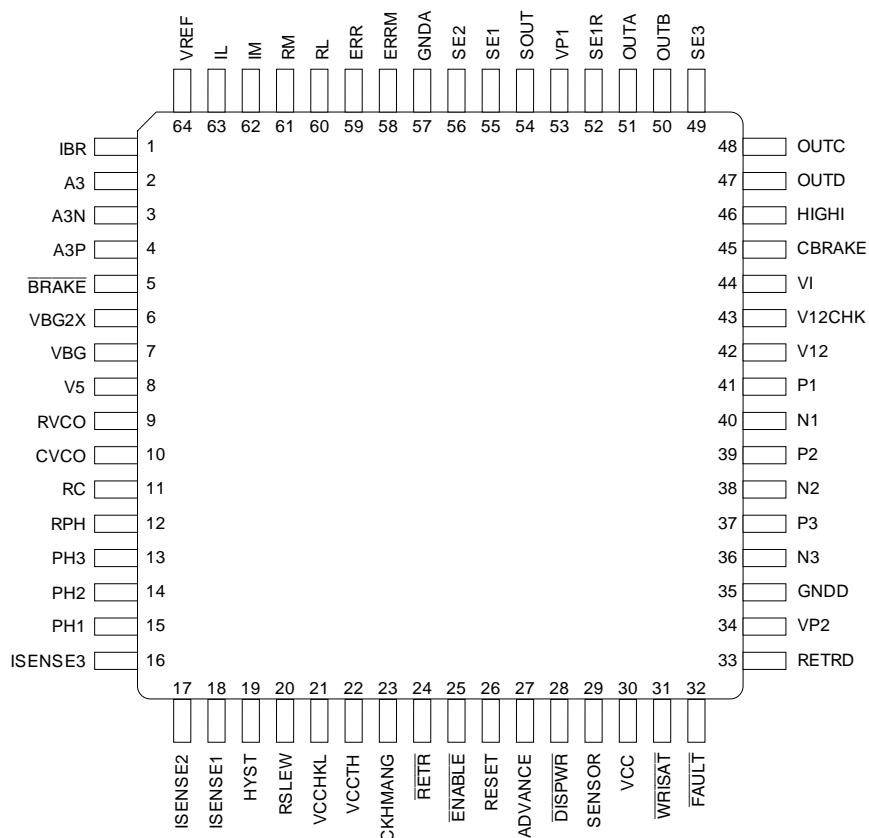
The SSI 32H6826A Advanced Servo and Spindle Predriver is designed to drive a 3-phase sensorless motor and a voice coil actuator with external MOS power devices. The SSI 32H6826A is an advanced version of the SSI 32H6825A actuator and spindle predriver.

The primary enhancement to the SSI 32H6825A is the SILENTSPIN™ spindle technology. This technology provides a PWM spindle motor driver with current waveforms which are optimized for quiet spindle operation.

FEATURES

- **PWM spindle driver during start and run**
- **SILENTSPIN™ technology shapes the motor current to minimize acoustic noise**
- **Commutator is driven by a phase lock loop for high jitter immunity**
- **Small footprint 64-Lead TQFP package**
- **Microprocessor controlled spindle start-up**
- **Dual PWM DAC interface buffers**
- **Precision dual supply fault detection**
- **Dual level retract scheme with adjustable pulse-width**

PIN DIAGRAM



CAUTION: Use handling procedures necessary for a static sensitive component.

BLOCK DIAGRAM

