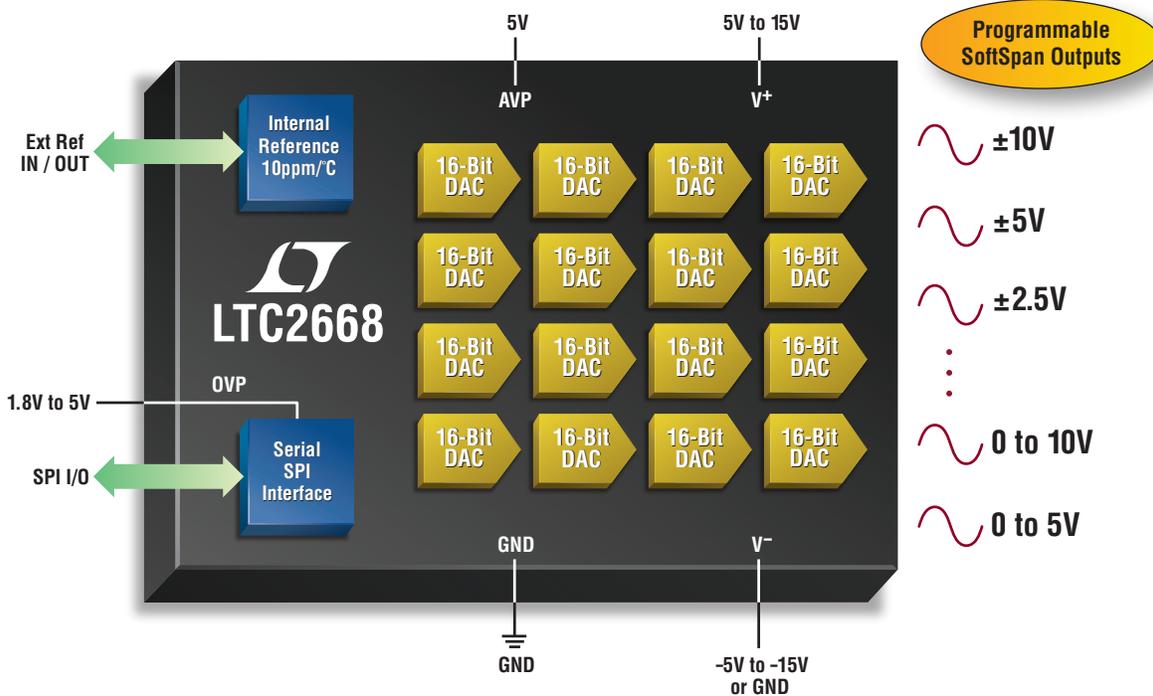


16-Bit, 16-Channel DAC in 6x6 QFN



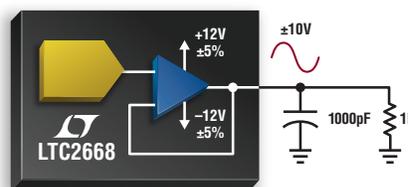
Output Buffers Drive ±10mA and 1000pF

The LTC[®]2668-16 combines 16 voltage output DACs with five software-programmable (SoftSpan[™]) or pin-configurable output voltage ranges up to ±10V. Each output span is independently selectable per channel, with full 16-bit resolution at all spans. The high voltage, rail-to-rail output amplifiers are capable of sourcing or sinking 10mA and are stable with up to 1000pF of load. Additional features include an internal 16:1 analog multiplexer for calibration or monitoring circuit integrity, and a toggle function that allows the DAC to quickly toggle between two DAC codes.

Features

- 16-Bit and 12-Bit Versions (±4LSB INL at 16-Bits)
- Internal Precision Reference: 10ppm/°C (Max)
- Program or Pin-Strap Five Output Ranges: 0V to 5V, 0V to 10V, ±2.5V, ±5V, ±10V
- Flexible Single or Dual Supply Operation
- Internal 16:1 Analog Mux
- -40°C to +125°C Operation

Buffered Voltage Outputs



Info & Free Samples

www.linear.com/product/LTC2668

1-800-4-LINEAR



video.linear.com/4523

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