



Chip Scale Package MSP430FG461x Fact Sheet

Chip Supply is pleased to offer the line of MSP430FG461x from Texas Instruments in Chip Scale Packages. This family of parts is ideally suited for many low power applications where both analog and digital signal processing are required, such as digital sensor systems, digital motor controls, hand-held meters and is optimized for portable medical applications.

The MSP430FG461x series are microcontroller configurations that feature a powerful 16-bit RISC CPU, 16-bit registers, and constant generators that attribute to maximum code efficiency. System designers are able to simultaneously interface to analog signals, sensors and digital components while maintaining low power.

MSP430FG461x Offerings by Chip Supply in CSP:

- **SP430FG4616-** 92KB+256B Flash Memory, 4KB RAM
- **SP430FG4616LF-** 92KB+256B Flash Memory, 4KB RAM Lead Free
- **SP430FG4617-** 92KB+256B Flash Memory, 8KB RAM
- **SP430FG4617LF-** 92KB+256B Flash Memory, 8KB RAM Lead Free
- **SP430FG4618-** 116KB+256B Flash Memory, 8KB RAM
- **SP430FG4618LF-** 116KB+256B Flash Memory, 8KB RAM Lead Free
- **SP430FG4619-** 120KB+256B Flash Memory, 4KB RAM
- **SP430FG4619LF-** 120KB+256B Flash Memory, 4KB RAM Lead Free

Working together, Texas Instruments and Chip Supply have determined that this family of products would be desired by many in a smaller package that allows for the reduction in size required and the ease of handling offered by a package device. Each of the devices is available from Chip Supply in an 8x8mm² BGA package, a 75% reduction from the standard TI offering. Please call a Chip Supply sales representative for a package outline or to learn more about these devices.

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