

Features

- +2.2V to +5.0V battery operation
- 50nA typical standby current
- High voltage output typical 160V_{pp}
- Internal oscillator



Product Brief
Product Description


The ZSP4422A is a high voltage output DC-AC converter that can operate from a +2.2V to +5.0V power supply. The ZSP4422A is designed with our proprietary high voltage BiCMOS technology and is capable of supplying up to 160V_{pp} signals, making it ideal for driving small electroluminescent lamps. The device features 50nA (typical) standby current, for use in low power portable products. One external inductor is required to generate the high voltage, and an external capacitor is used to select the oscillator frequency. The ZSP4422A is offered in an 8-pin narrow SOIC package or an 8-pin MSOP package. For delivery in die form, please consult the factory.

Target Applications

- PDAs
- Cellular phones
- Remote controls
- Handheld computers

Ordering Information

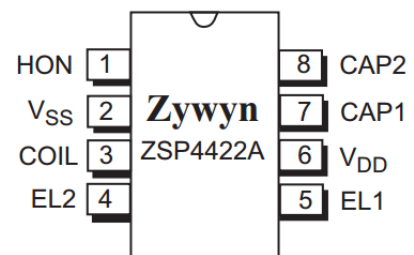
Part Number	Temperature Range	Package Type
ZSP4422ACN	-40°C to +85°C	8-Pin nSOIC
ZSP4422ALCN	-40°C to +85°C	8-Pin nSOIC Green 
ZSP4422ACU	-40°C to +85°C	8-Pin MSOP
ZSP4422ALCU	-40°C to +85°C	8-Pin MSOP Green 
ZSP4422ACX	-40°C to +85°C	Die in Wafflepack
ZSP4422ANEB	n/a	nSOIC Eval. Board
ZSP4422AU EB	n/a	MSOP Eval. Board

Please contact the factory for pricing, availability on Tape-and-Reel, and Green Package  options.



Please contact the factory for EL driver design support and availability of custom-made evaluation demo boards.

See our web site for Application Note **AN007** regarding requirements for custom-made evaluation demo boards.

Pin Configuration

8-Pin nSOIC/MSOP