

1.2A Switching Charger, 1.2A Boost and 3 LED-indicators for battery level, charge/discharge status in One ESOP8 with Single Inductor

DESCRIPTION

ETA9722 is a switching Li-Ion battery charger capable of delivering up to 1.2A of charging current to the battery and also capable of delivering up to 5V/1.2A in boost operation, with high efficiency in both charging mode and boost mode. It also includes a fuel gauge system for power indication. For charging, it uses a proprietary control scheme that eliminates the current sense resistor for conventional constant current control, maximizing efficiency, reducing charging time and reducing costs. It can also output a 5V voltage in the reversed direction by boosting from the battery. It only needs a single inductor to provide power bi-directionally with a proprietary automatic mode detect and switch scheme. ETA9722 is an ideal all-in-one solution for battery charging and discharge applications, such as power banks, smart phones, and tablets with only one USB port that can be used for charging battery function.

ETA9722 is suitable for charging a 4.2V Li-ion battery. And ETA9722 is in ESOP8 package.

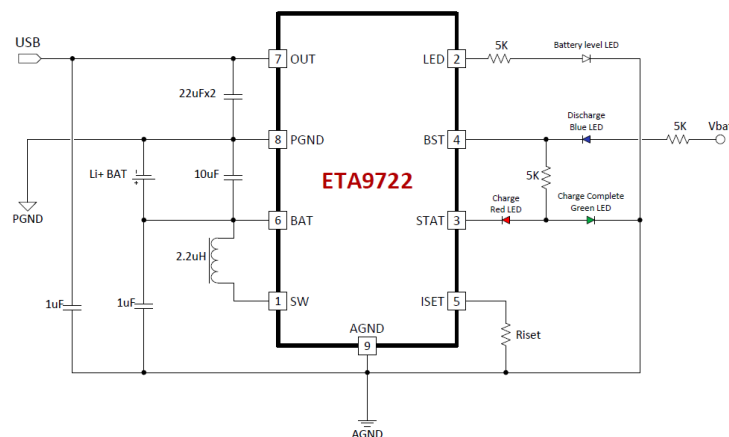
FEATURES

- ◆ Bi-Directional Power conversion with Single Inductor
- ◆ Automatic Mode Switching
- ◆ Switching Charger
- ◆ 5V Synchronous Boost
- ◆ Up to 96% Efficiency
- ◆ Up to 1.2A Max charging current and 1.2A discharging
- ◆ No-Battery detection
- ◆ No External Sense resistor
- ◆ LEDs for battery level indication and charge/discharge status indication

APPLICATIONS

- ◆ Tablet, MID
- ◆ Smart Phone
- ◆ Power Bank

TYPICAL APPLICATION



ORDERING INFORMATION

PART No.	PACKAGE	TOP MARK	Pcs/Reel
ETA9722E8A	ESOP8	ETA9722	2500