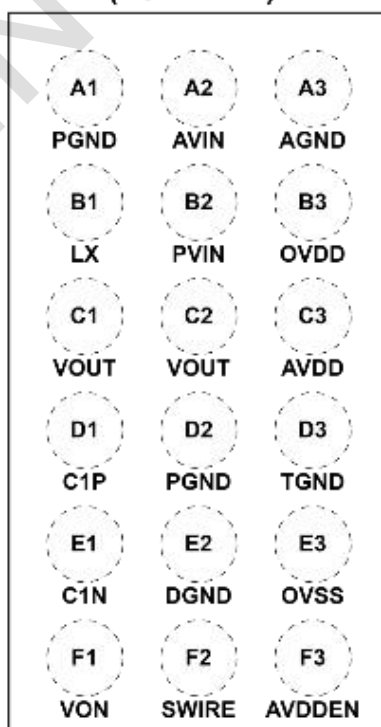


EPC9910 is a highly integrated power IC with Boost, and inverting charge pump to generate positive and negative output voltage. The output voltages can be adjusted by SWIRE interface protocol. The part maintains the highest efficiency by utilizing a -1x mode fractional charge pump. With the input voltage range of 2.9V to 5.0V, EPC9910 is optimized for products powered by single-cell batteries and symmetrical output currents up to 80mA. EPC9910 is available in the WL-CSP-18B 1.29x2.5 (BSC) packaging.

## Features

- Supply Voltage Range: 2.9V to 5.5V
- Positive OVDD Voltage from 2.8V to 4.0V
  - 80mA Output Current Capability
- Negative OVSS Voltage from -0.6V to -4.5V
  - 80mA Output Current Capability
- Positive AVDD Voltage from 2.8V to 3.6V
  - 20mA Output Current Capability
  - 1x VON Negative Charge Pump
- Excellent Line and Load Transient or Regulation
- Discharge/ Hi-Z Function
- Low Quiescent Current <1 $\mu$ A in Shutdown Mode
- UVLO, OCP, UVP, OTP Protection
- Packaging: WLCSP-2.5mm x 1.29mm-18B

(TOP VIEW)



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