



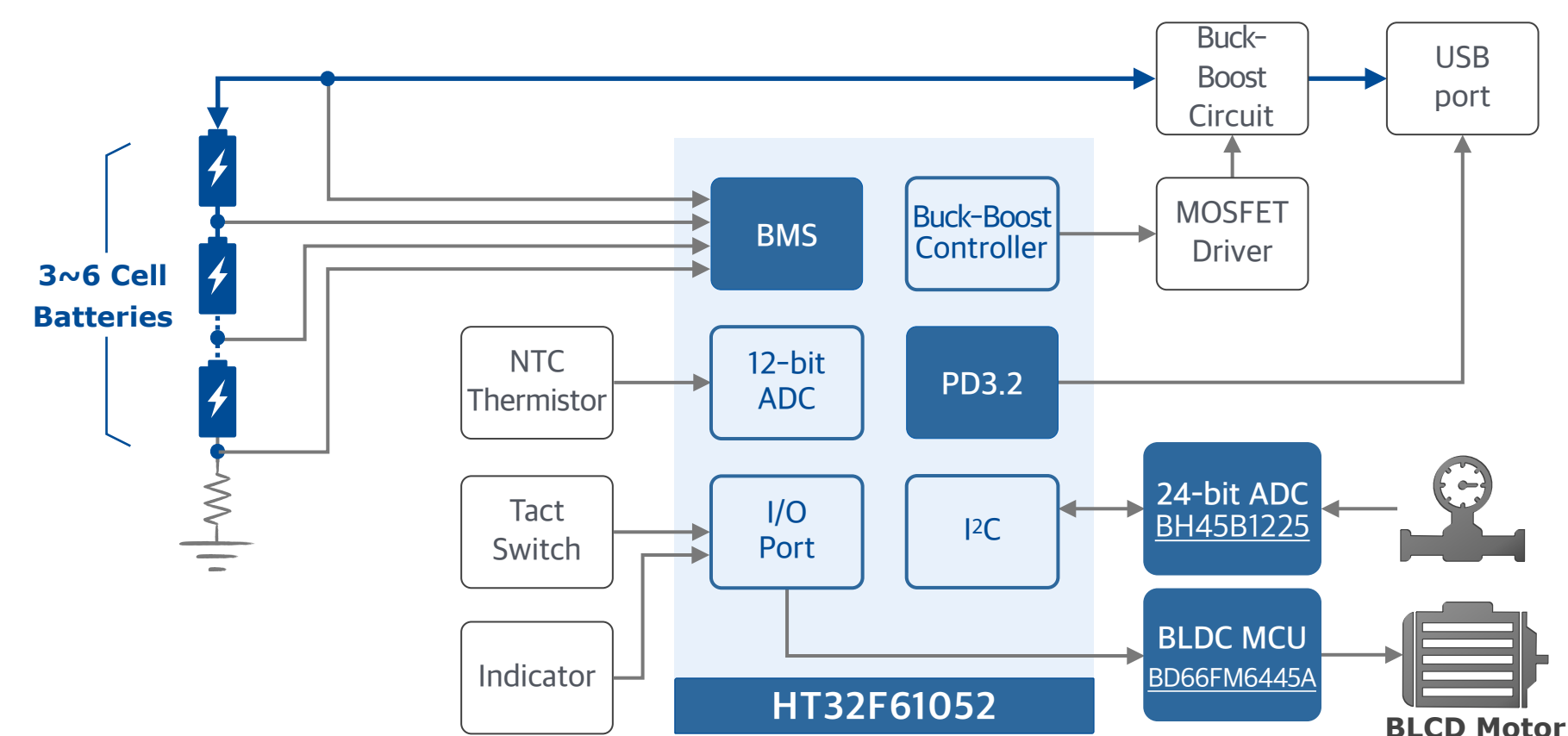
PD Inflatable Pump

HT32F61052/BD66FM6445A/BH45B1225

Characteristics

- USB-PD 3.2 protocol 100W (5V/9V/12V/15V/20V @5A)
- Buck-Boost charge and discharge management
- OVP, UVP, OCP and SCP lithium battery protection
- High-efficiency inflation with BLDC Motor, supports up to 150 PSI maximum pressure
- Inflatable sensing accuracy ± 0.2 PSI
- Battery level calculation accuracy $\pm 3\%$

Block Diagram



Applications

PD inflatable pumps, emergency jump starters, tool battery packs, etc.

