HT32 BMS MCU Development Kit
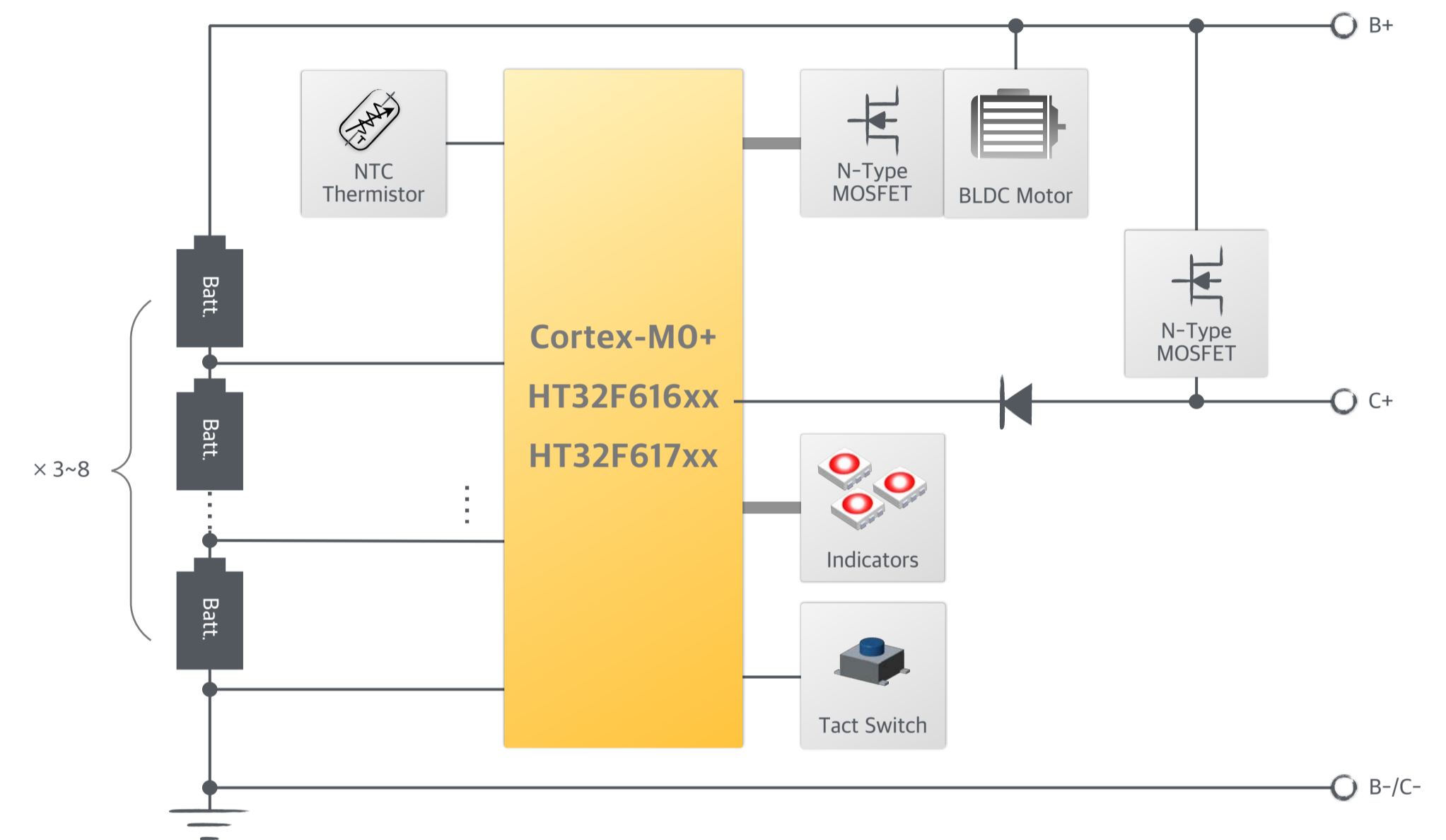
HT32F616xx, HT32F617xx

Characteristics

- Supports 3S~8S lithium battery high-accuracy measurement
- Differential amplifier for current detection and battery power calculation
- Passive balancing function to solve battery aging difference and extend service life
- 0.1μA standby current with high-voltage wake-up to minimize battery idle power
- Integrated NMOS gate-driver for simplified charge/ discharge control circuits

Applications

Power tools, handheld vacuum cleaners, pure BMS boards, etc.

Block Diagram