

PF3000 Optimized Power Solution

Most economical quick-turn programmable 12-ch/7.2A system power management solution Enabling **Low Power applications**

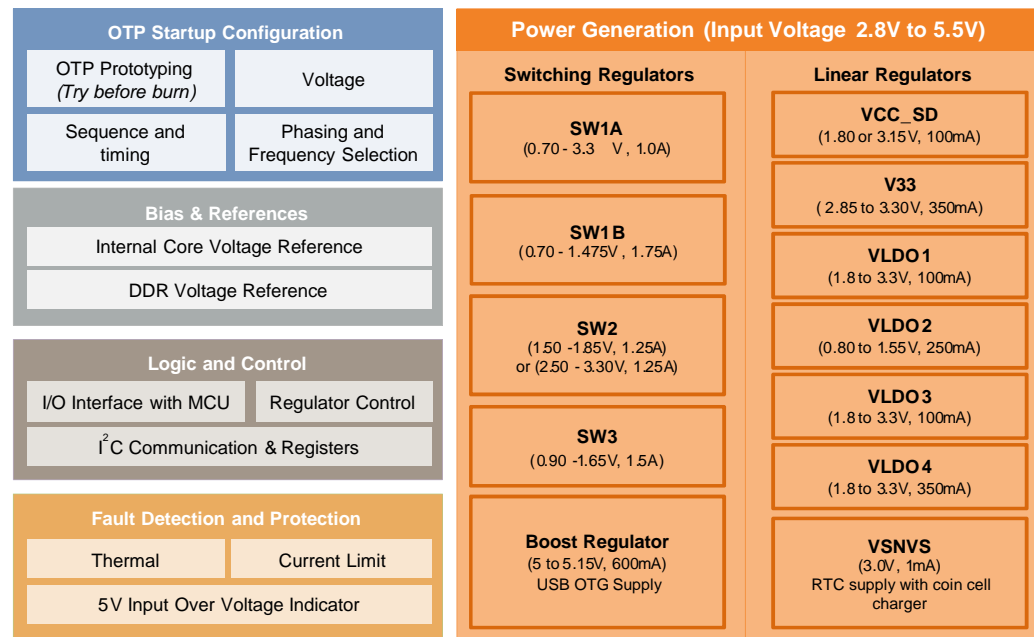
Differentiating Points

- Proven compatibility with i.MX 6/7 processor applications. Proven BSP's for i.MX 6SLX
- Reduce time to market thanks to the OTP configuration and custom pre-programmed options ensuring scalability across i.MX platforms
- Reduce system components count by supplying Multiple peripherals thanks to the high Level of Efficiency of 4 buck, 6 LDO's and Boost Regulators
- Support Consumer, Industrial and Automotive grades

Product Features

- Vin 2.8 V to 5.5 V Supply. 5 V supply via front End LDO.
- 4 Channel configurable buck converters
- Forced PWM or automatic, PSM operation
- 6 User programmable LDO with Low Power State Retention (LPSR)
- Boost regulator, Coin cell charger, DDR reference
- Programmable output voltage, current limit, soft-start, Fsw, fault interrupt
- OTP with try before Buy mode
- High power 7x7 mm, 48 E-QFN

PF3000 Functional Internal Block Diagram



Support for i.MX 7S/D; i.MX 6 DL, SOLO, SL; SX, & 6UL
 Patch for i.MX 6SL & SLX
 BSP for i.MX 7: ongoing
 BSP for i.MX 6UL: ongoing

