

Power Electronics FA5571 series

Low Standby Power Quasi-Resonant Controller

■ Features

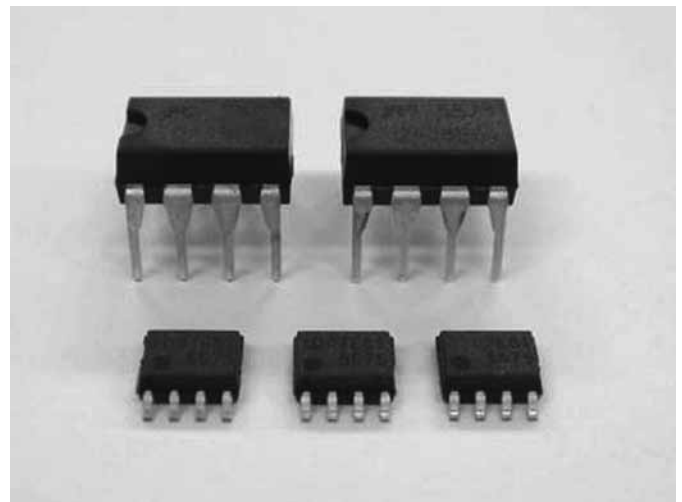
- Internal 500V high voltage startup current source
- Realized less than 1W input at 0.7W load by intermitting
- Quasi-resonant operation, low noise and high efficiency
- Numerous kind of protect functions

■ Applications

- LCD TV/Monitor Main and Standby SMPS
- Note PC Adapter

■ Specifications

- Startup current source 7mA, 1.6mA at VCC=0V, 30uA at off
- VCC voltage range 9 to 26V
- OUT pin peak current sink 500mA, source -250mA
- Soft-start time 2.6ms
- IS current limiter $1V \pm 0.1V$, Windings shorted protection 2V
- ZCD OVP protection 7.2V (Latched)
- OLP timer auto-recovery switching on/off is 0.2/1.4 sec (Prepared in FA5571 series OLP auto-recovery and latched)



■ Circuit block

