

FEATURES

- Compatible I²C Interface Up to 3.4MHz
- Input Voltage Range :2.7V~5.5V
- Up to 5A Output Current
- Mode Selection Between PFM and FPWM at Light Load
- Typical 50µA Quiescent Current in Light Load PFM Mode
- 2.1MHz Switching Frequency
- Integrated Soft-Start
- Input UVLO and OVP
- Build in Thermal Shutdown and OCP
- 0.25µH Inductor Support
- I²C address: 0XC0
- Compact WLCSP-20 Package

APPLICATIONS

- Smart Phones
- DSP or CPUs Processors
- Tablet, MID

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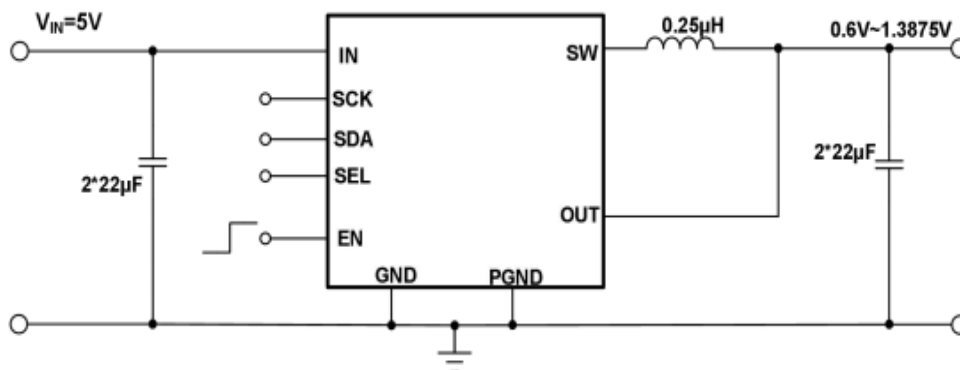


Figure 1. Basic Application Circuit

ABSOLUTE MAXIMUM RATINGS (Note 1)

Parameter	Min	Max	Unit
All Voltage Range	-0.3	6.5	V
LX Voltages (<10ns transient)	-2.5	7.5	V
LX Voltage (<5ns transient)	-3.5	7.5	V
Junction Temperature (Note2)	-40	150	°C
Storage Temperature	-65	150	°C
Junction-to-ambient Thermal Resistance	-	38	°C/W
Junction-to-case Thermal Resistance	-	9	°C/W
Power Dissipation	-	2.6	W