

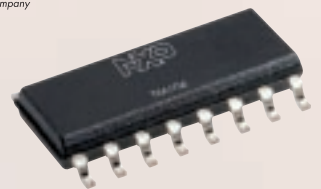
GreenChip SMPS controller for power supplies up to 250W

NXP Semiconductors' latest SMPS controller IC not only delivers high efficiency at all power levels, it also incorporates energy-saving features for environmentally responsible design. The TEA1750 has integrated Power Factor Correction (PFC) and a flyback controller to reduce your external component count. Its patented 'green' features include valley/zero-voltage switching to minimize switching losses, and burst mode operation when a low load is detected. It is designed for universal mains supply operation (up to 276 VAC), and features an on-chip start-up current source. Many protection features are built in to guarantee optimum performance in power-supply solutions up to 250 W.

What if you could use fewer components for reliable and responsible SMPS control?

NXP develops vibrant media technologies that help bring your ideas to life. Our innovative solutions enhance images, sharpen sound and simplify information sharing. Find out more about this efficient, green SMPS control solution on our website

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What if you could

