

## Simple Ballast Controller

**DESCRIPTIONS.**

The KIA3502 provides simple and high performance control functions for the half vridge L/C resonant system, specially electronic ballast. It internally integrated the essential functions of the half bridge L/C resonant system so the conventional system can be realized a minimum board area, small external components and low power dissipation. Internally integrated soft-start circuit eliminated the need for external soft-start circuit. preheating time, preheating frequency, operating frequency and ignition time can be controlled. separately using external capacitors and resistor. no lamps protection or any required protection like over current protection can be realized an external small signal transistor.

**FEATURES.**