

This Sheet Has Been Replaced



MOSGATE DRIVER FOR BALLAST CIRCUITS

ABSTRACT OF THE DISCLOSURE

A monolithic MOS gate driver chip is described for driving high side and low side power MOSFETs in a gas discharge lamp ballast circuit. The chip includes a timer circuit for generating a square output at the natural frequency of resonance of the lamp ballast. Dead time circuits are provided in the chip to prevent the simultaneous conduction of both high side and low side MOSFETs. The chip may be housed in a right pin DIP package.