



SIMPLECIRCUIT™

Low Cost Iron Safety Timer

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INTRODUCTION

Clothes irons and curling irons are high powered appliances that can start house fires. Many times after leaving for work you forget if you shut-off or unplug the dangerous appliances. This timer will allow the appliance to have power for only a fixed amount of time (without motion/use). Then it will shut-off power. A reset switch will restart the appliance.

FIGURE 1: FLOWCHART

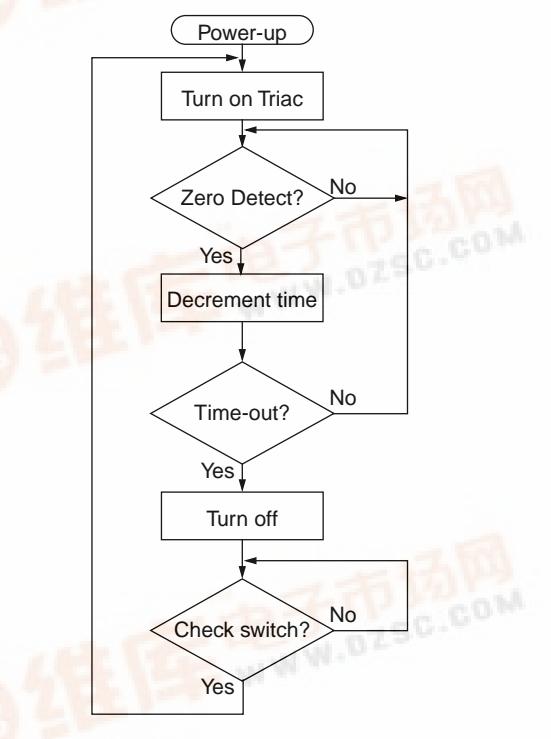
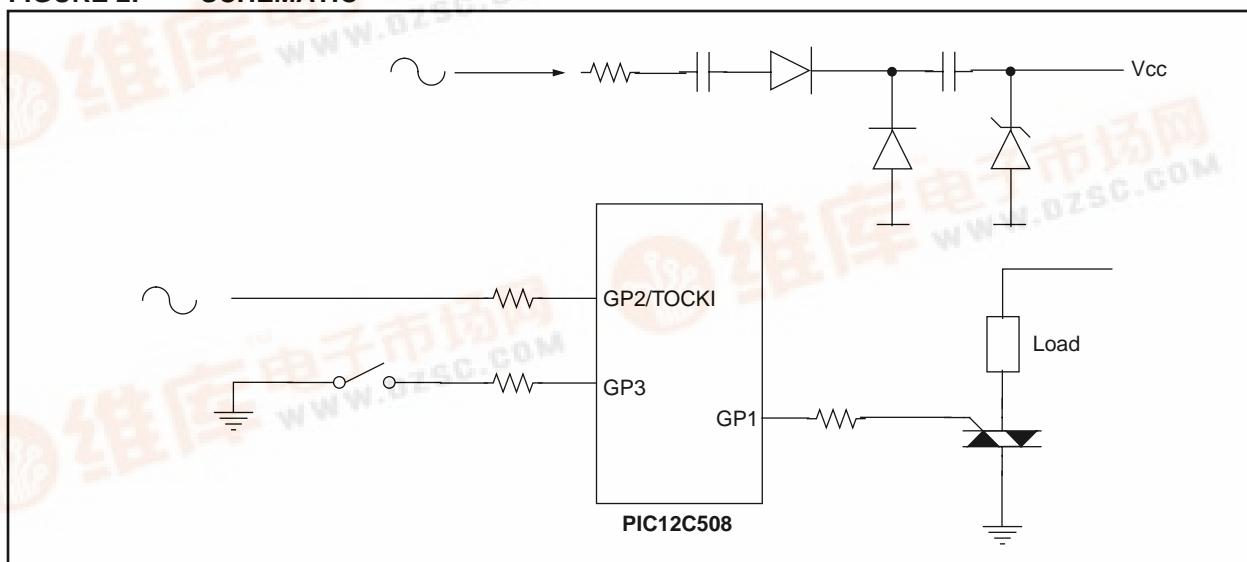


FIGURE 2: SCHEMATIC



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