

Designing Multiple Output Flyback Power Supplies with **TOPSwitch**[®]

Application Note AN-22



Introduction

Many *TOPSwitch* flyback power supply applications require two or more outputs to supply a variety of secondary circuits. Typical consumer applications of these multiple output converters include television and related products such as set-top decoders and video cassette recorders (VCRs). Industrial applications generally require a number of outputs to supply

analog and digital low voltage circuitry. Motor control applications often require several separately isolated outputs to supply half-bridge drivers and control circuitry.

When compared to single output flyback supplies, multiple output applications demand further design considerations to

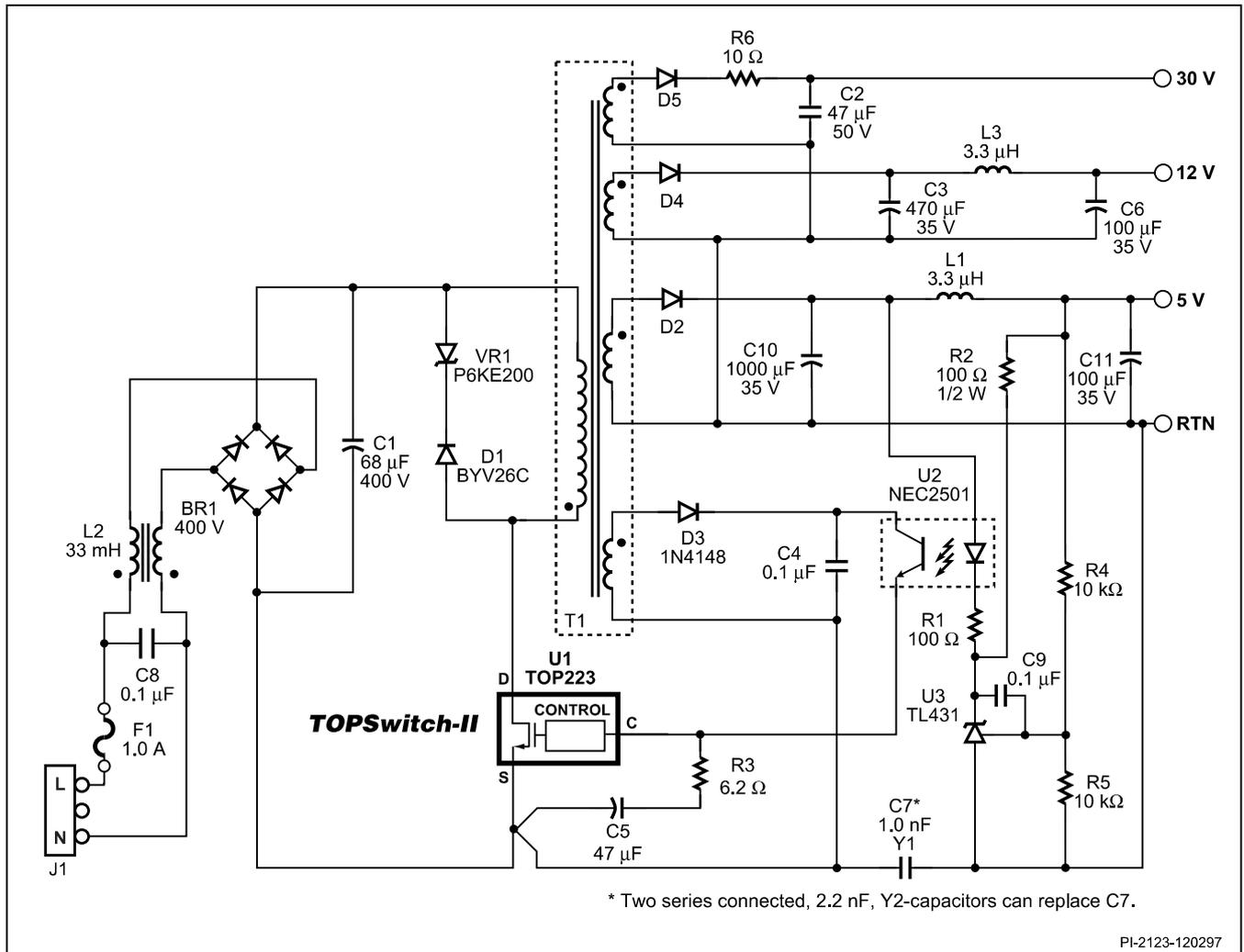


Figure 1. Schematic Diagram of 85-265 VAC, 25 W Power Supply Using TOP223.