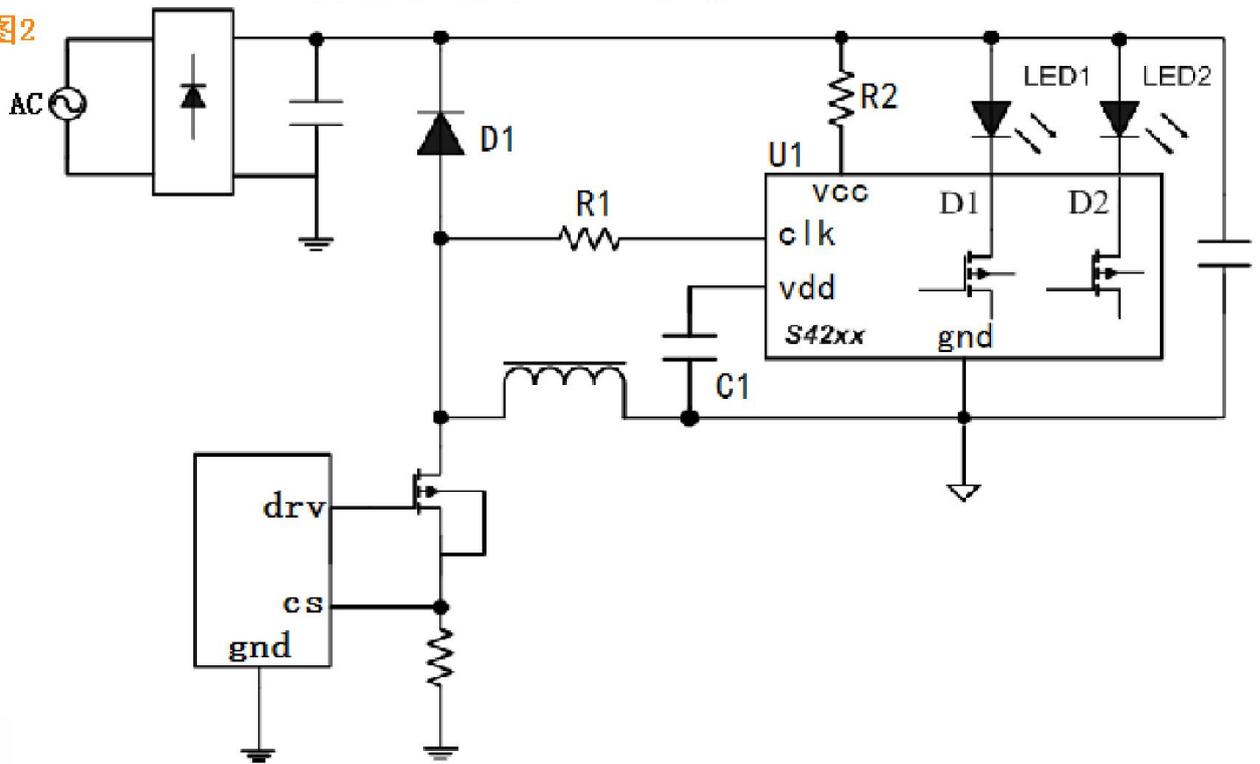
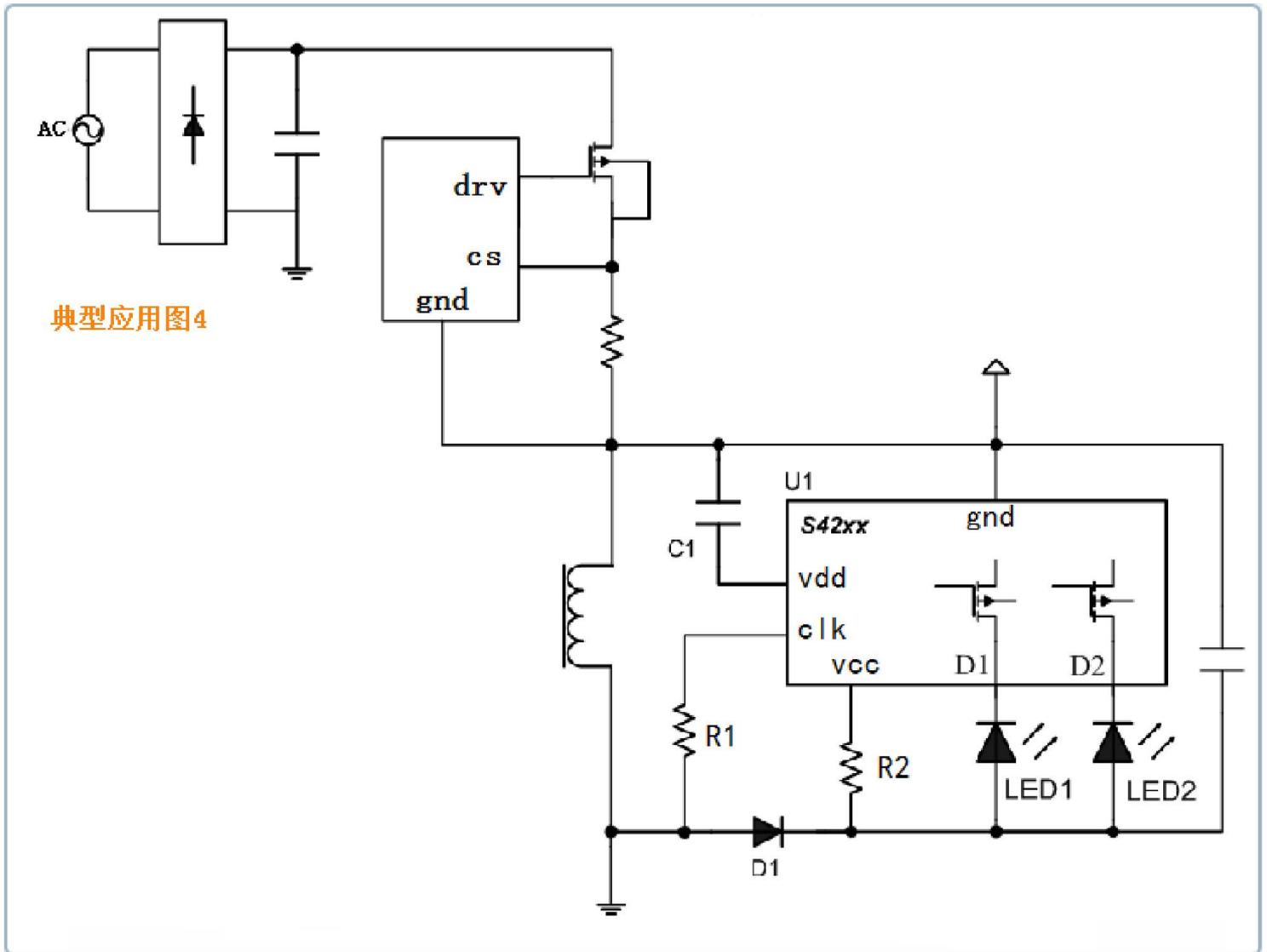


S4220

The S4220 series chip is a dedicated chip for switching color temperature. The chip has a built-in 40V switch tube, which simplifies the peripheral circuit structure. This series of chips uses the patented technology of the core technology, which can not only simplify the number of peripherals in the periphery, but also ensure the logical consistency of multiple power supplies at the same time. To expand the field of application, the S4200 can be used in isolation flyback, Buck or Buck-Boost architectures to facilitate power supply design.

典型应用图2





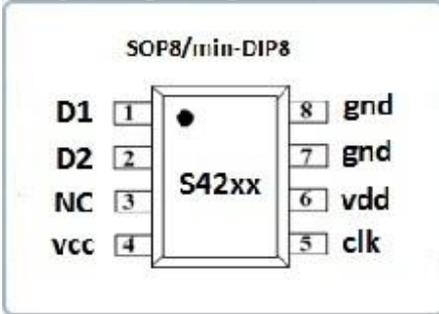
- **Features**

- Built-in 40V switch tube, no need for external switch tube
- The peripherals are simple and do not require AC input detection.
- No logic disorder when multiple power supplies are used at the same time
- Built-in voltage limiting circuit ensures a wider working range
- Compatible with isolated and non-isolated applications
- Patented technology, stable performance

Application range

- Switch color temperature LED power supply

Pin package diagram



Pin description

Pin name	Main description
Vcc	IC power supply pin
Vdd	External capacitor for retention time
Clk	IC detection foot
Gnd	Signal and power ground
L1, L2	LED lamp bead cathode connection point

Ordering Information

Order model	Package	Silk screen	package style
S4220	Sop-8/Mini-dip8	8ABXXX	Tape 2500 or 4000 discs/disc