Tel: 886-2-66296288
Fax:886-2-29174598
URL:http://www.princeton.com.tw

Automotive Digital Clock **PT6398**

DESCRIPTION

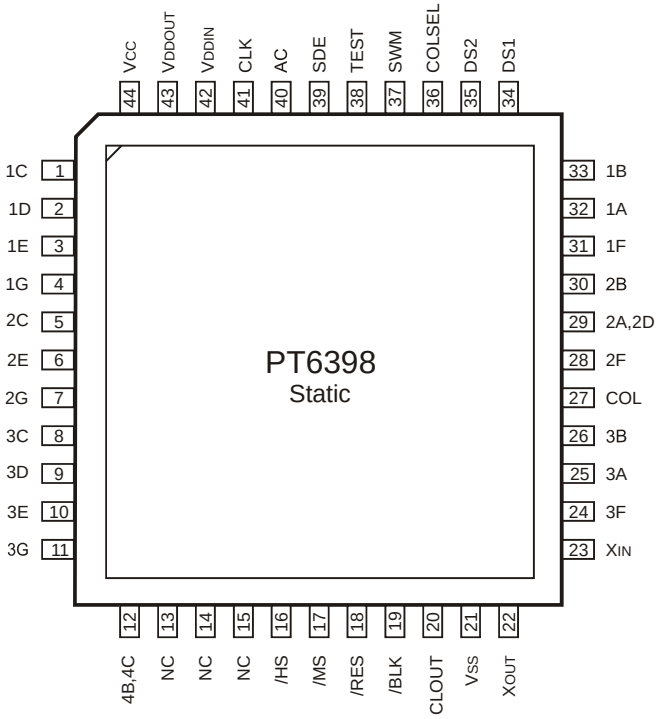
PT6398 is an automotive digital clock CMOS LSI. It drives fluorescent indicator panel directly. It can be driven by a 4.194304MHz crystal oscillator or an external clock signal (1024Hz). It has 4-ways display brightness control function and its display format is 12 hours.

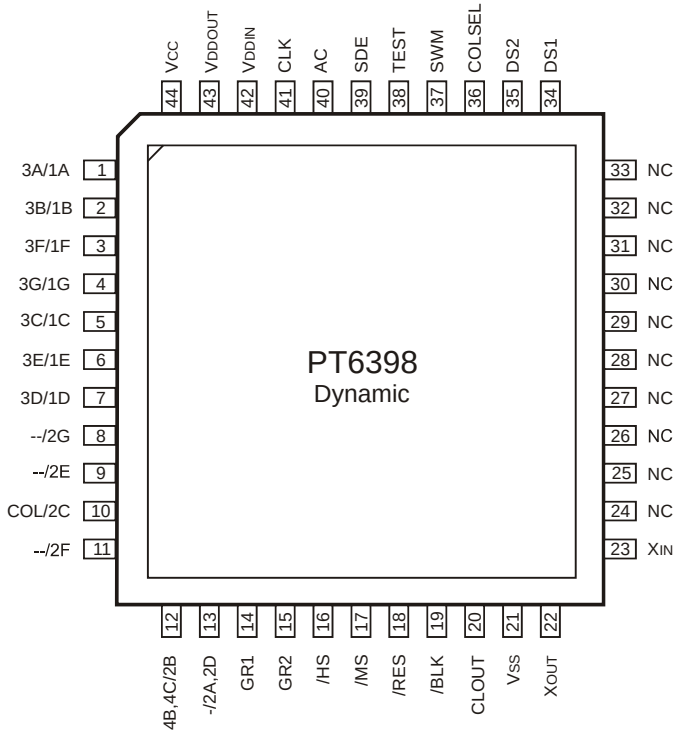
FEATURES

- 4.194304MHz crystal oscillator
- 4-ways display brightness control
  (Segment duty for Static: 1, 1/4, 1/8, 1/16; Grid duty for dynamic: 6.25%, 12.5%, 25%, 50%)
- Hour and Minutes setting
- ±30 Minutes auto correction
- 1024Hz signal output
- Segment output: CMOS output
- Internal POR (Power on Reset Circuit)
- 44 pin LQFP
- Static and dynamic driving selected

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PIN CONFIGURATION

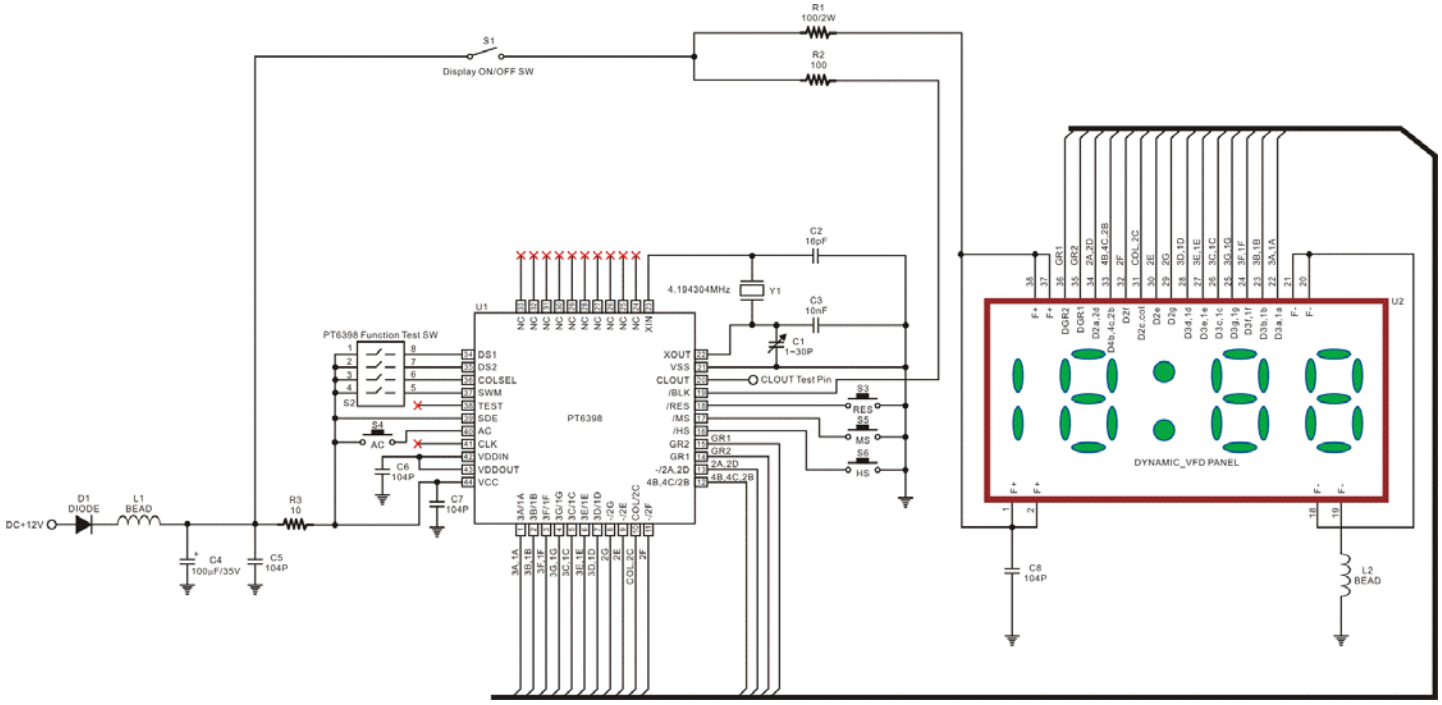




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APPLICATION CIRCUIT 1

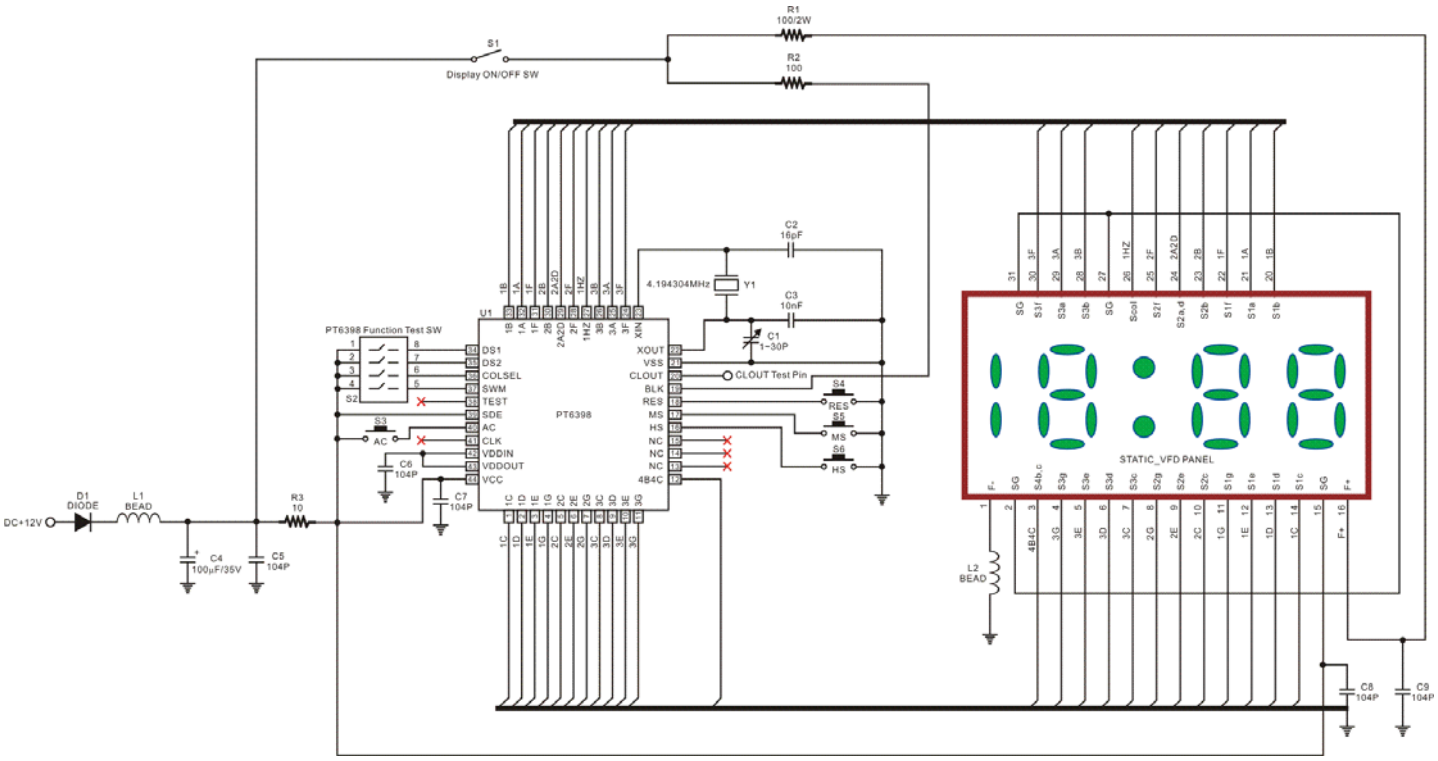
DYNAMIC MODE



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APPLICATION CIRCUIT 2

STATIC MODE



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ORDER INFORMATION

Valid Part Number	Package Type	Top Code
PT6398-LQ	44 Pins, LQFP	PT6398-LQ