

NSN71L, NSN71R

1/3 inch GaAsP Seven Segment Numeric Displays

GENERAL DESCRIPTION

The NSN71L and NSN71R are single digit, common anode, GaAsP, numeric displays. They are 1/3 in. in height and offer the convenience of left hand, NSN71L or right hand NSN71R decimal point. The utilization of optical reflective techniques offer economic advantages as well as improved appearance in the form of uniform segment intensity.

APPLICATIONS

These solid state displays are for industrial and consumer applications such as:

- Desk top calculators
- Digital clocks
- Point of sale equipment
- Panel meters
- TV channel indicators
- Elevator floor indicators

REFERENCE TABLE

Code	Stock No.
NSN71L	34808B
NSN71R	34807D

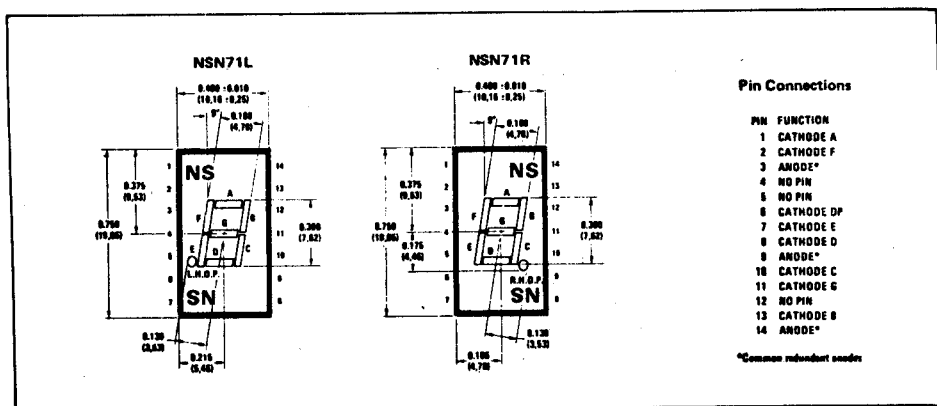
FEATURES

- 1/3 in. characters
- Viewing distance up to 10 feet
- Common anode construction
- Compatible with IC's
- Fast switching—excellent for multiplexing
- Broad stroke width for extended viewing time
- Left NSN71L or right NSN71R decimal point
- Single plane wide angle viewing
- Standard 14 pin DIP
- Companion overflow digit, NSN73 is available
- Solid state reliability
- Low cost
- Pin for pin replacement for MAN-1, 10, 7, 71, 72, DL-707, 10, 5082-7730

ABSOLUTE MAXIMUM RATINGS

Power Dissipation, $T_A = 25^\circ\text{C}$	400 mW
Power Derate Factor	5.0 mW/C°
Storage and Operating Temperature	-20°C to $+85^\circ\text{C}$
DC Current/Segment or DP, $T_A = 25^\circ\text{C}$	30 mA
Average Current/Segment DP, $T_A = 25^\circ\text{C}$	25 mA
Peak Current/Segment or DP, $T_A = 25^\circ\text{C}$	250 mA
Reverse Voltage/Segment or DP	5.0V
Solder Temperature, 1/16 in. below Seating Plane, $t \leq 5$ seconds	240°C

CONNECTION DIAGRAM



MANUFACTURER'S CURRENT LIST PRICES ARE ALWAYS CHARGED