

**SERIES DP6330 SINGLE OUTPUT DIGITAL DELAY MODULES**

- 14 Pin DIP • TTL and DTL Compatible • Rise Time is 4NS Typical

**Specifications**

- Supply Voltage : 4.75 to 5.25VDC
- Logic 1 Input Current : 50 $\mu$ A Max
- Logic 0 Input Current : -2mA Max
- Logic 1 Volt Out : 2.5v Min
- Logic 0 Volt Out : 0.5v Max
- Logic 1 Fan-Out : 20/Tap Max
- Logic 0 Fan-Out : 10/Tap Max
- Power Dissipation : 240mW Total
- Operating Temp Range : 0°C to 70°C
- Temp Coefficient : 100PPM/°C

**Input Test Conditions**

- Input Pulse Voltage : 3.2v
- Input Rise Time :  $\leq 3$ NS
- Input Current : 60mA Typ.
- Pulse Width : Min 40% of Total Delay

Electrical Specifications at 25°C (measured with no loads on Taps)

| Part Number | Total Delay NS $\pm 5\%$ |
|-------------|--------------------------|
| DP6335      | 10                       |
| DP6336      | 20                       |
| DP6337      | 30                       |
| DP6338      | 40                       |
| DP6339      | 50                       |
| DP6340      | 60                       |
| DP6341      | 80                       |
| DP6342      | 100                      |
| DP6343      | 150                      |
| DP6344      | 200                      |
| DP6345      | 300                      |
| DP6346      | 400                      |
| DP6347      | 500                      |
| DP6348      | 1000                     |

Note: (1) Measured at 1.5v level leading edge, Tol.  $\pm 5\%$  or  $\pm 2$ NS, whichever is greater.  
 (2) Measured from 0.75v to 2.4v.

Version B low profile 0.210 inch max height is also available.

Please add 'B' to above part numbers if 0.210 inch height is required (i.e. DP6335B).

**SINGLE OUTPUT**