

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 μ 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 : ≤ 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 ± 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