

SERIES DL6330 SINGLE OUTPUT DIGITAL DELAY MODULES

- 14 Pin Package • 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 $\pm 5\%$
DL6335	10
DL6336	20
DL6337	30
DL6338	40
DL6339	50
DL6340	60
DL6341	80
DL6342	100
DL6343	150
DL6344	200
DL6345	300
DL6346	400
DL6347	500
DL6348	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. DL6336B).

SINGLE OUTPUT