

# FAST / TTL Logic Triple & Quad Delays 14-Pin DIP & SMD

Part Number Description **FAIXD-XXX X**  
 14-Pin Logic Buffered Multi-Line Delays:  
 FAI3D, FAI4D  
 Delay Per Line in nanoseconds (ns)  
 Lead Style: Blank = Auto-Insertable DIP  
 G = "Gull Wing" Surface Mount  
 J = "J" Bend Surface Mount

Examples: FAI4D-20 = 20ns Quadruple 74F Buffered, DIP  
 FAI3D-5G = 5ns Triple 74F Buffered, G-SMD

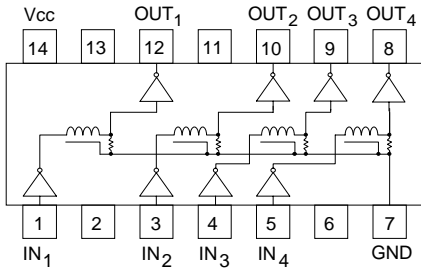
**GENERAL:** For Operating Specifications and Test Conditions, see Tables I and VI on page 5 of this catalog. Delays specified for the Leading Edge.

Minimum Input Pulse Width ..... 100% of total delay  
 Operating Temp. Range ..... 0°C to +70°C  
 Temperature Coefficient ..... 800ppm/°C typical  
 Supply Current, I<sub>cc</sub> : FAI3D ..... 45 mA typ., 95 mA max.  
 FAI4D ..... 65 mA typ., 130 mA max.

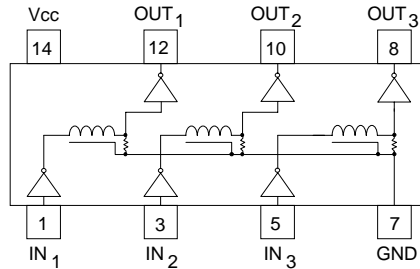
Electrical Specifications at 25°C

Delay (ns)	FAST Buffered Multi-Line	
	Triple P/N	Quadruple P/N
4 ± 1.00	FAI3D-4	FAI4D-4
5 ± 1.00	FAI3D-5	FAI4D-5
6 ± 1.00	FAI3D-6	FAI4D-6
7 ± 1.00	FAI3D-7	FAI4D-7
8 ± 1.00	FAI3D-8	FAI4D-8
10 ± 1.50	FAI3D-10	FAI4D-10
15 ± 2.00	FAI3D-15	FAI4D-15
16 ± 2.00	FAI3D-16	FAI4D-16
20 ± 2.00	FAI3D-20	FAI4D-20
25 ± 2.00	FAI3D-25	FAI4D-25
30 ± 2.00	FAI3D-30	FAI4D-30
50 ± 2.50	FAI3D-50	FAI4D-50

Quad 14-Pin Schematic



Triple 14-Pin Schematic



Dimensions in Inches (mm)

