

CMOS Logic: CMOS inverter

General Description

The FH74SZ04 is a CMOS inverter, manufactured using silicon gate CMOS fabrication. CMOS low power circuit operation makes high speed LS-TTL operation achievable. The internal circuit is composed of inverter and buffer, which provide high noise immunity and stable output. As the FH74SZ04 is integrated into mini molded, SOT-353 / SOT23-5L package, high density mounting is possible.

Package

- SOT-353 / SOT23-5L



(Top View)
SOT-353

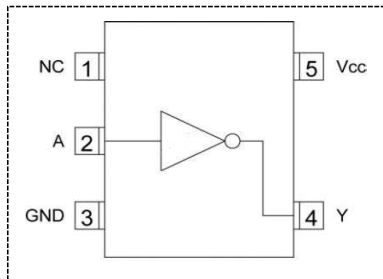


Fig 1. Pin Configuration

Pin Configuration

Pin Number	Pin Name	Function Description
1	B	Input B
2	A	Input A
3	GND	ground
4	Y	Output Y
5	Vcc	Power supply

Features

- High speed operation : $t_{pd} = 2.6ns$ (TYP.)
- Operating voltage range : 1.2V ~ 6.0V
- Low power consumption : 1.0 μ A (MAX.)
- CMOS inverter
- Ultra small package : SOT-353 SOT23-5L

Applications

- Palmtops
- Digital equipment
- Portable electronic products

Functions

Input	Output
A	Y
L	H
H	L

- H=High Level
- L=Low Level

Ordering Information

Product name	Package	Mark	SPQ	Symbol
FH74SZ04K5	SOT353	****	3000PCS/Reel	INV
FH74SZ04M5	SOT23-5L	****	3000PCS/Reel	INV

The surface prints of our semiconductor device products are subject to change during the production process and will not be notified separately without being designed to modify electrical parameters.