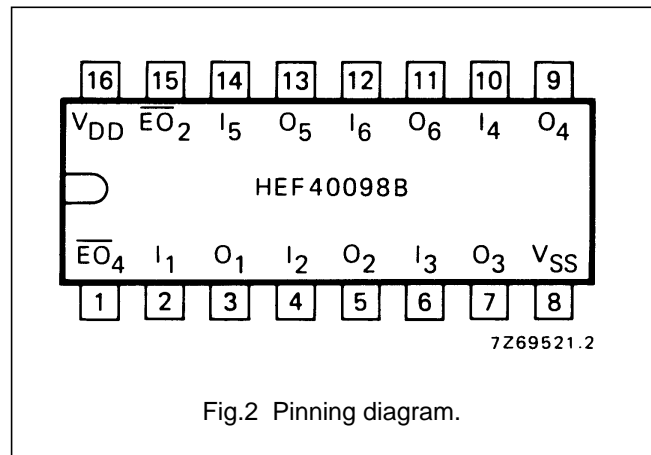
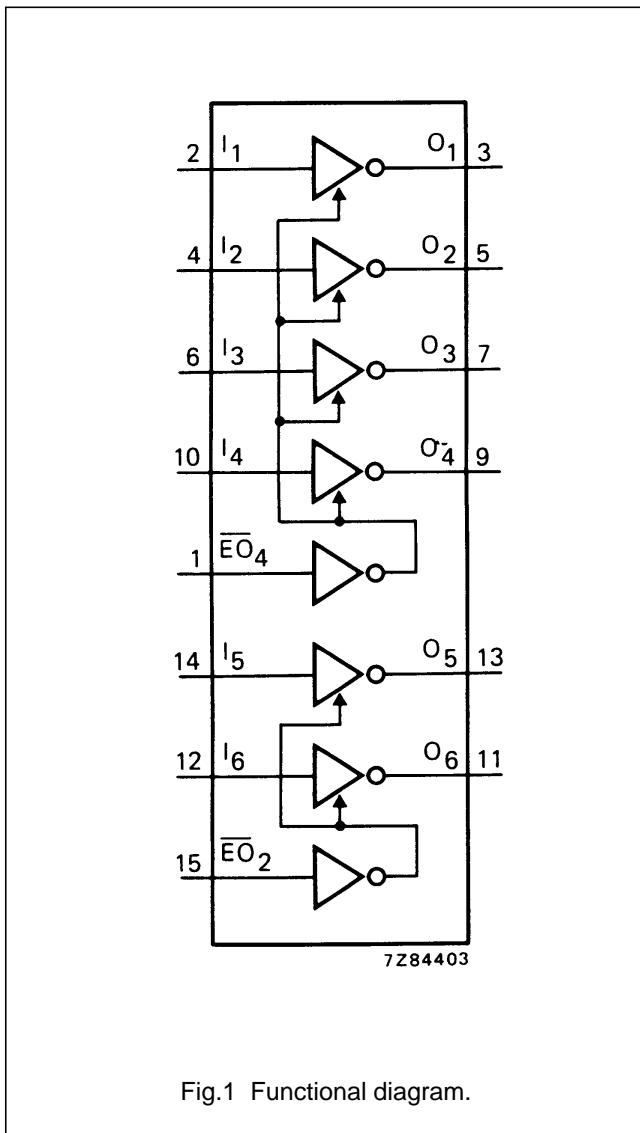


3-state hex inverting buffer

HEF40098B buffers

DESCRIPTION

The HEF40098B is a hex inverting buffer with 3-state outputs. The 3-state outputs are controlled by two enable inputs (\overline{EO}_4 and \overline{EO}_2). A HIGH on \overline{EO}_4 causes four of the six buffer elements to assume a high impedance or OFF-state regardless of the other input conditions and a HIGH on \overline{EO}_2 causes the outputs of the remaining two buffer elements to assume a high impedance or OFF-state regardless of the other input conditions.



- HEF40098BP(N): 16-lead DIL; plastic (SOT38-1)
- HEF40098BD(F): 16-lead DIL; ceramic (cerdip) (SOT74)
- HEF40098BT(D): 16-lead SO; plastic (SOT109-1)
- (): Package Designator North America

PINNING

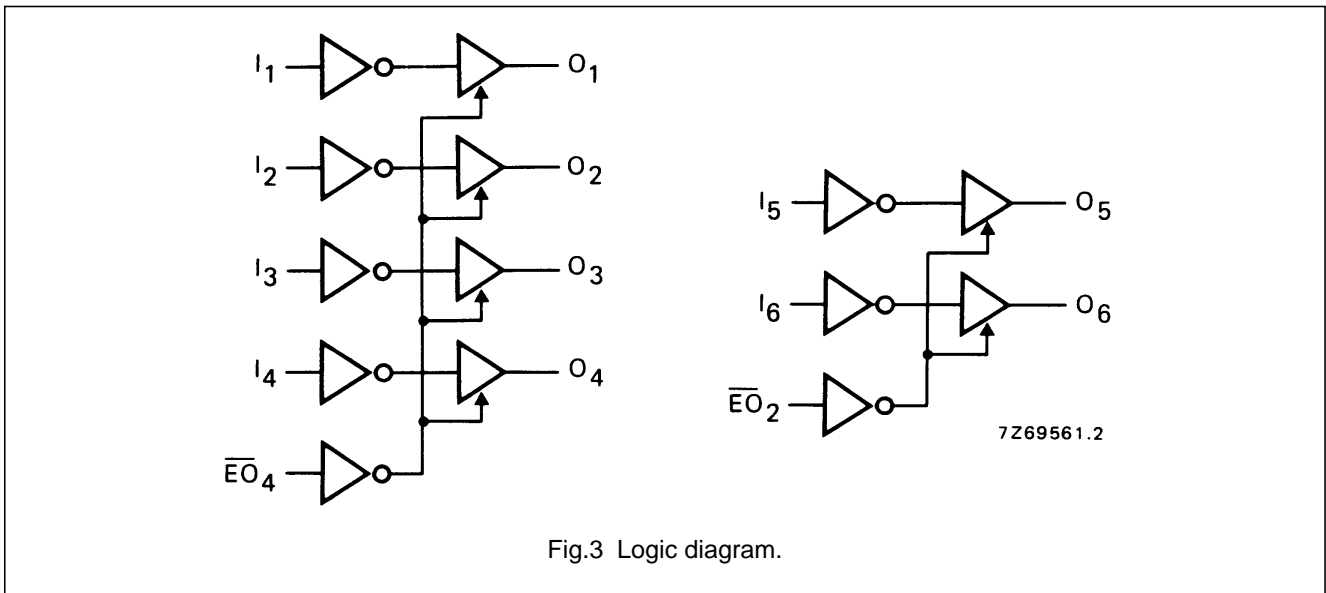
- I_1 to I_6 buffer inputs
- $\overline{EO}_4, \overline{EO}_2$ enable inputs (active LOW)
- O_1 to O_6 buffer outputs (active LOW)

FAMILY DATA, I_{DD} LIMITS category BUFFERS

See Family Specifications

3-state hex inverting buffer

HEF40098B
buffers



DC CHARACTERISTICS

V_{SS} = 0 V

HEF	V _{DD} V	V _{OH} V	V _{OL} V	SYMBOL	T _{amb} (°C)						
					-40		+25		+85		
					MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
Output current HIGH	5	4,6		-I _{OH}	1,2		1,0		0,8		mA
	10	9,5			3,8		3,2		2,5		mA
	15	13,5			12,0		10,0		8,0		mA
HIGH	5	2,5		-I _{OH}	3,8		3,2		2,5		mA
Output current LOW	4,75		0,4	I _{OL}	3,5		2,9		2,3		mA
	10		0,5		12,0		10,0		8,0		mA
	15		1,5		24,0		20,0		16,0		mA

HEC	V _{DD} V	V _{OH} V	V _{OL} V	SYMBOL	T _{amb} (°C)						
					-55		+25		+125		
					MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
Output current HIGH	5	4,6		-I _{OH}	1,25		1,0		0,6		mA
	10	9,5			4,0		3,2		2,1		mA
	15	12,5			12,5		10,0		6,7		mA
HIGH	5	2,5		-I _{OH}	4,0		3,2		2,1		mA
Output current LOW	4,75		0,4	I _{OL}	3,6		2,9		1,9		mA
	10		0,5		12,5		10,0		6,7		mA
	15		1,5		25,0		20,0		13,0		mA