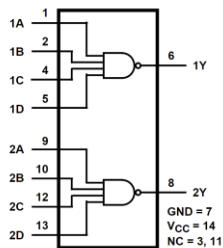


cd74ac00e – 2-input NAND	SNx4HC10N - 3 – input NAND	CD74AC20E - 4-input NAND
CD74ac02e – 2 – input NORs	SNx4HC27 - Triple 3-Input NOR	SN74HC86 2-Input XOR Gates
sn74hc157n – 2 to 1 multiplexor	SN74HC153N – 4 to 1 multi	SN74HC151N – 8 to 1 multi
CD74AC04E - HEX INVERTERS (NOT)	SN74HC74N – Flip Flops sn74hc109n- Flip Flop with clear	cd74hc195e Parallel Access Reg. cd74hc194e - 4-Bit Bidirectional Universal Shift Register
cd74hct163e – Presettable Counters	sn74hc161n – Synchronous binary counter	CD74HCT85E - 4-Bit Magnitude Comparator

### CD74AC20E - 4-input NAND

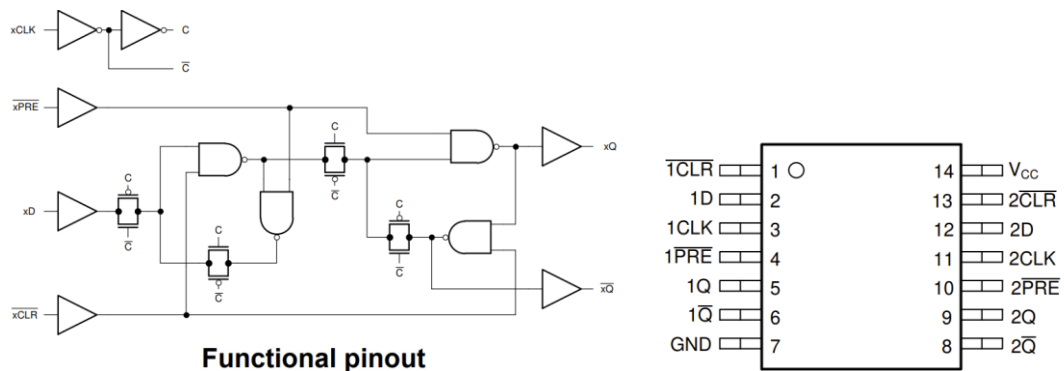
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#### Functional Diagram



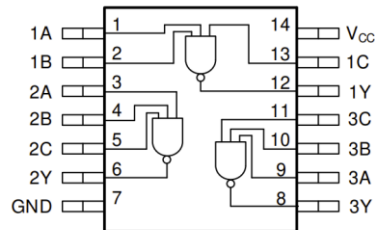
### SN74HC74N - Dual D-Type Positive-Edge-Triggered Flip-Flops With Clear and Preset

<https://www.ti.com/lit/ds/symlink/sn74hc175.pdf?ts=1674312788215>



SNx4HC10N - 3 – input NAND

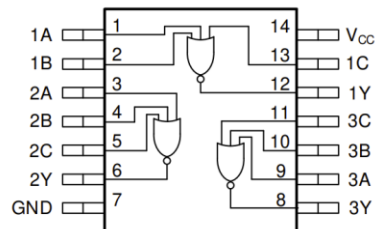
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**Functional pinout**

SNx4HC27 - Triple 3-Input NOR

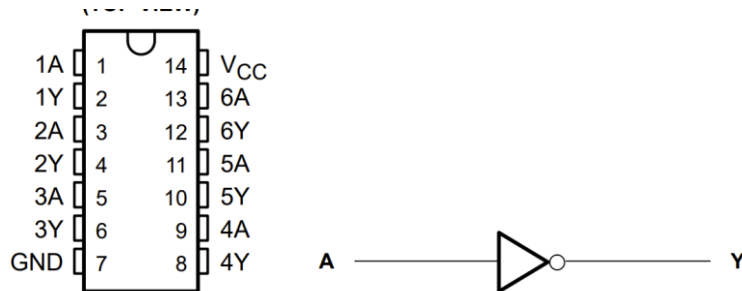
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**Functional pinout**

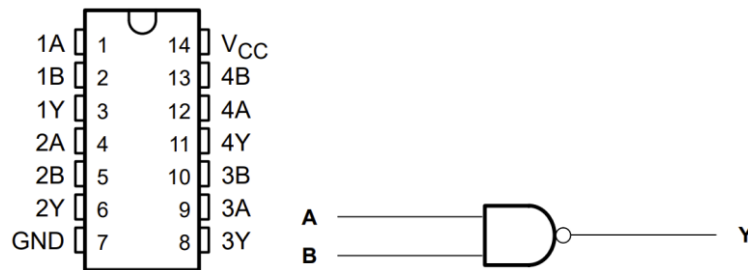
CD74AC04 - HEX INVERTERS

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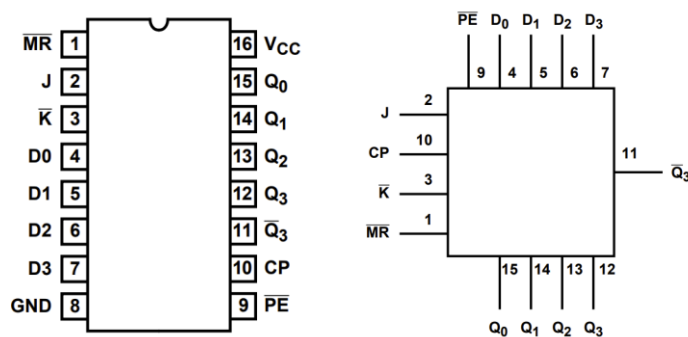
cd74ac00e – 2-input NAND

[https://www.ti.com/lit/ds/symlink/cd74ac00.pdf?ts=1674325518408&ref\\_url=https%253A%252F%252Fwww.google.com%252F](https://www.ti.com/lit/ds/symlink/cd74ac00.pdf?ts=1674325518408&ref_url=https%253A%252F%252Fwww.google.com%252F)



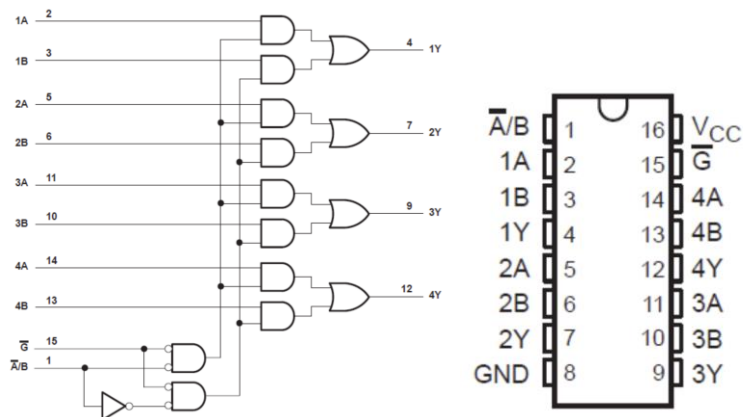
cd74hc195e - 4-Bit Parallel Access Register

[https://www.ti.com/lit/ds/symlink/cd74hc195.pdf?ts=1674325867943&ref\\_url=https%253A%252F%252Fwww.google.com%252F](https://www.ti.com/lit/ds/symlink/cd74hc195.pdf?ts=1674325867943&ref_url=https%253A%252F%252Fwww.google.com%252F)



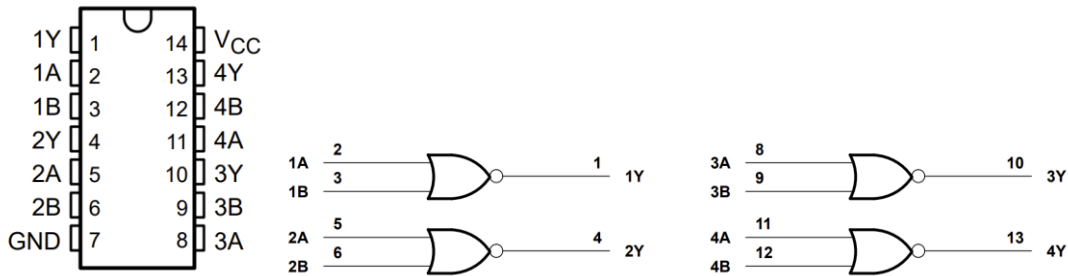
sn74hc157n - Quadruple 2-Line to 1-Line Data Selectors/Multiplexers

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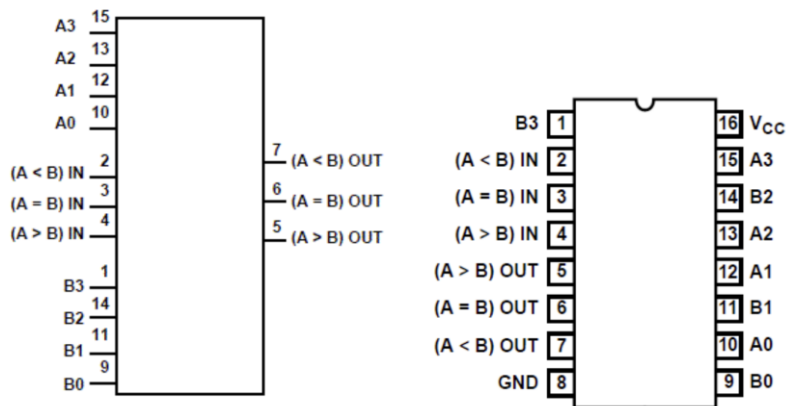
### CD74ac02e – 2 – input NORs

[https://www.ti.com/lit/ds/symlink/cd74ac02.pdf?ts=1674326354585&ref\\_url=https%253A%252F%252Fwww.google.com%252F](https://www.ti.com/lit/ds/symlink/cd74ac02.pdf?ts=1674326354585&ref_url=https%253A%252F%252Fwww.google.com%252F)



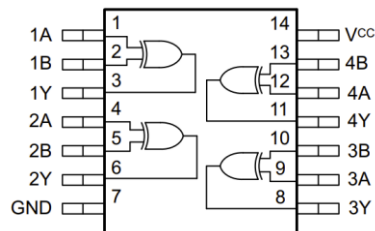
### CDx4HCT85 High-Speed CMOS Logic 4-Bit Magnitude Comparator

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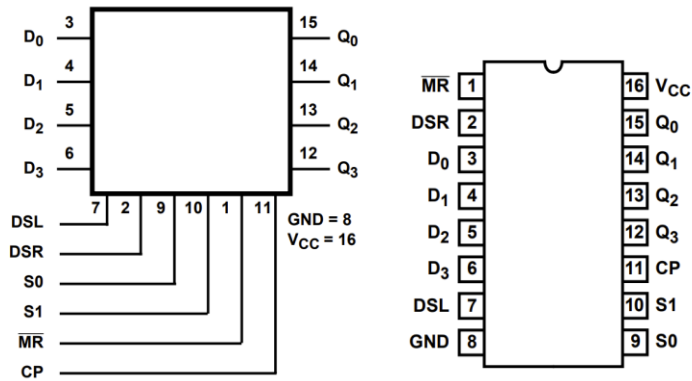
### SNx4HC86 Quadruple 2-Input XOR Gates

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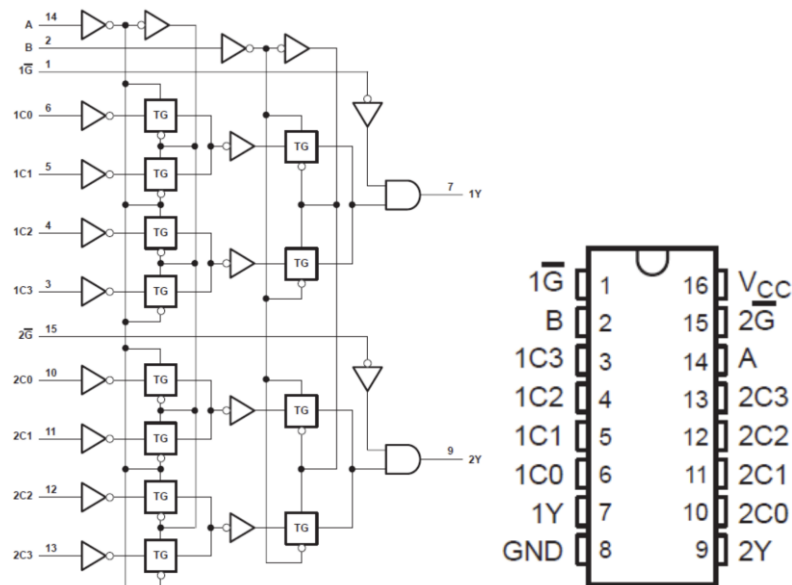
### cd74hc194e - 4-Bit Bidirectional Universal Shift Register

[https://www.ti.com/lit/ds/symlink/sn54hc153-sp.pdf?ts=1674249455377&ref\\_url=https%253A%252F%252Fwww.google.com%252F](https://www.ti.com/lit/ds/symlink/sn54hc153-sp.pdf?ts=1674249455377&ref_url=https%253A%252F%252Fwww.google.com%252F)



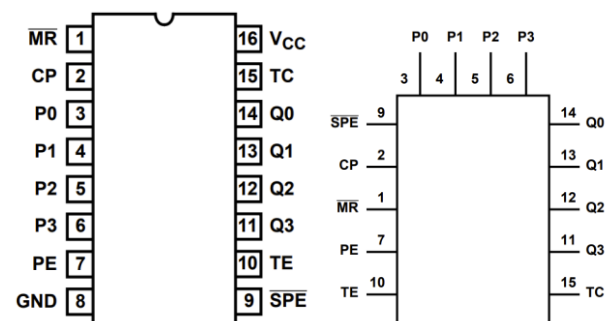
### SN74HC153N Dual 4-Line To 1-Line Data Selectors/Multiplexers

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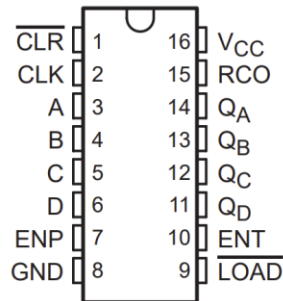
### cd74hct163e – Presettable Counters

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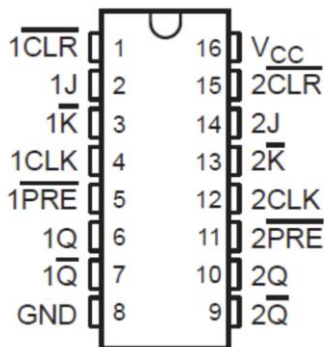
sn74hc161n – Synchronous binary counter

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sn74hc109n - Dual J-K Positive-Edge-Triggered Flip-Flops With Clear and Preset

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SNx4HC151N 8-Line To 1-Line Data Selectors/Multiplexers

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