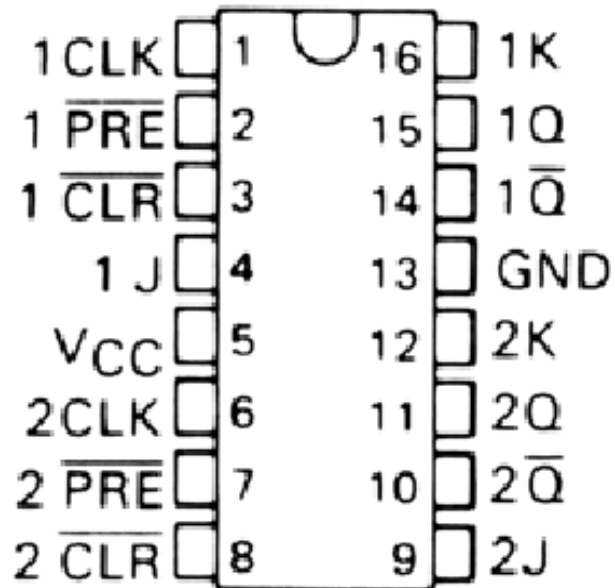


## 74LS76

Dual Positive Edge-Triggered J-K Flip-Flops



## Function Table

| 76<br>FUNCTION TABLE |     |     |   |   |                |                 |
|----------------------|-----|-----|---|---|----------------|-----------------|
| INPUTS               |     |     |   |   | OUTPUTS        |                 |
| PRE                  | CLR | CLK | J | K | Q              | Q̄              |
| L                    | H   | X   | X | X | H              | L               |
| H                    | L   | X   | X | X | L              | H               |
| L                    | L   | X   | X | X | H↑             | H↑              |
| H                    | H   | ⌋   | L | L | Q <sub>0</sub> | Q̄ <sub>0</sub> |
| H                    | H   | ⌋   | H | L | H              | L               |
| H                    | H   | ⌋   | L | H | L              | H               |
| H                    | H   | ⌋   | H | H | TOGGLE         |                 |