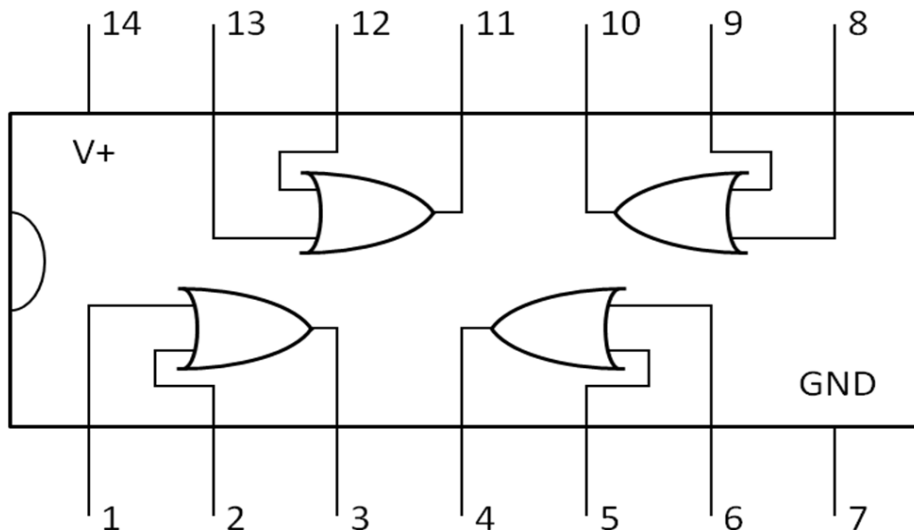


Kitronik Ltd – 4071B – 2 input OR gate datasheet

TECHNOLOGY DATA SHEET AND SPECIFICATIONS

Pin Out



Electrical characteristics

| | |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Operating Voltage | = 3V to 15V |
| Voltage on any pin | = 0.5V to Operating Voltage |
| Maximum Low Input Voltage | = 1.5V @ 5V Operating Voltage = 2.7V @ 9V Operating Voltage = 3.6V @ 12V Operating Voltage = 4.0V @ 15V Operating Voltage |
| Maximum High Input Voltage | = 3.5V @ 5V Operating Voltage = 6.3V @ 9V Operating Voltage = 8.4V @ 12V Operating Voltage = 11.0V @ 15V Operating Voltage |

OR Gate

The OR gate takes in two inputs. When either input A OR input B are high the output will be active.



| Input A | Input B | Output Z |
|---------|---------|----------|
| 0 | 0 | 0 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 1 |