



## Fuse-failure indicator

Intended for automotive and low voltage applications, this circuit operates as a fuse-failure indicator. Both inputs of each exclusive-OR gate are connected across each fuse. This means that when the fuse is intact, both inputs will either be high or low, resulting in a low output from the XOR gate.

If a fuse fails, the relevant XOR gate will go high and turn on the associated LED indicator. The XOR gate outputs are ORed by two 4071 quad OR gates to drive a BC548 which energises a buzzer in the event of a failure. The unused OR gate in one of the 4071 packages should have its inputs tied low.

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**\$15**