

5 Rain Detector

□ Have some problem with water now and then? Trying to keep rain from ruining your top-down convertible? This circuit will sound an alarm when rain gets between aluminum foil strips to keep you high and dry.

PARTS LIST FOR RAIN DETECTOR

C1—0.47- μ F ceramic disc capacitor, 15 VDC

C2—0.01- μ F ceramic disc capacitor, 15 VDC

IC1—4001 quad NOR gate

Q1—2N4401

R1—5,000,000-ohm, $\frac{1}{2}$ -watt resistor

R2—1,500,000-ohm, $\frac{1}{2}$ -watt resistor

R3—100,000-ohm, $\frac{1}{2}$ -watt resistor

R4—2,000-ohm, $\frac{1}{2}$ -watt resistor

R5—100-ohm, $\frac{1}{2}$ -watt resistor

SPKR—8-ohm PM type speaker

