



Investment capacitors (Cs) must be X7R or NPO. Value is 050pF.

The diagram shows a 4-channel touch sensor circuit. It consists of four comparators (U1, U2, U3, U4) and four capacitors (C1, C2, C3, C4). Each comparator has a TOUCH input (TOUCH 1, TOUCH 6, TOUCH 8, TOUCH 9) and a common-mode input (C1, C2, C3, C4). The comparators are configured with VSS, VDD, and AHLB pins. The outputs (OUT) are connected to a +5V supply through pull-up resistors. The circuit is powered by a +5V supply and ground.

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