NOTE: **Dimensions** 2.400 mm-1. All dimensions are in microns. 2. + Signal increases and - Signal decreases (-975, 975) (975, 975) when pressure is applied from the top of the die. **MACUITY 14-006** Supply 3. All Pads, with the exception of Vsub and 130 um square. The Vsub pad is 90 X 180 mm Vsig+ 4 For maximum performance, VSub should be tied to the highest voltage in the circuit. 5. Dimensions (XXX,YYY) are in microns from the center of the die 1.750 (1015, 185) -2400 ummm Active Silicon Layer -3 to 6 microns SOI Layer - 0.25 microns 0.084 mm **VSub** 1.250 mm Silicon Substrate -V1 - Supply 400 um (-975, -400<mark>)</mark> V2 - Supply Vsig -AC3070 (-975, -975) (975, -975) 300 um minimum V+ supply **Equivalent Circuit** and Pad-outs **Acuity Incorporated** AC3070 Series **Acuity Incorporated Dimensions and Pin-outs** V1- supply Fremont CA 94539 USA Date: 21 Sep 2017 By: HVAllen www.acuitymicro.com V2- supply Revision: B