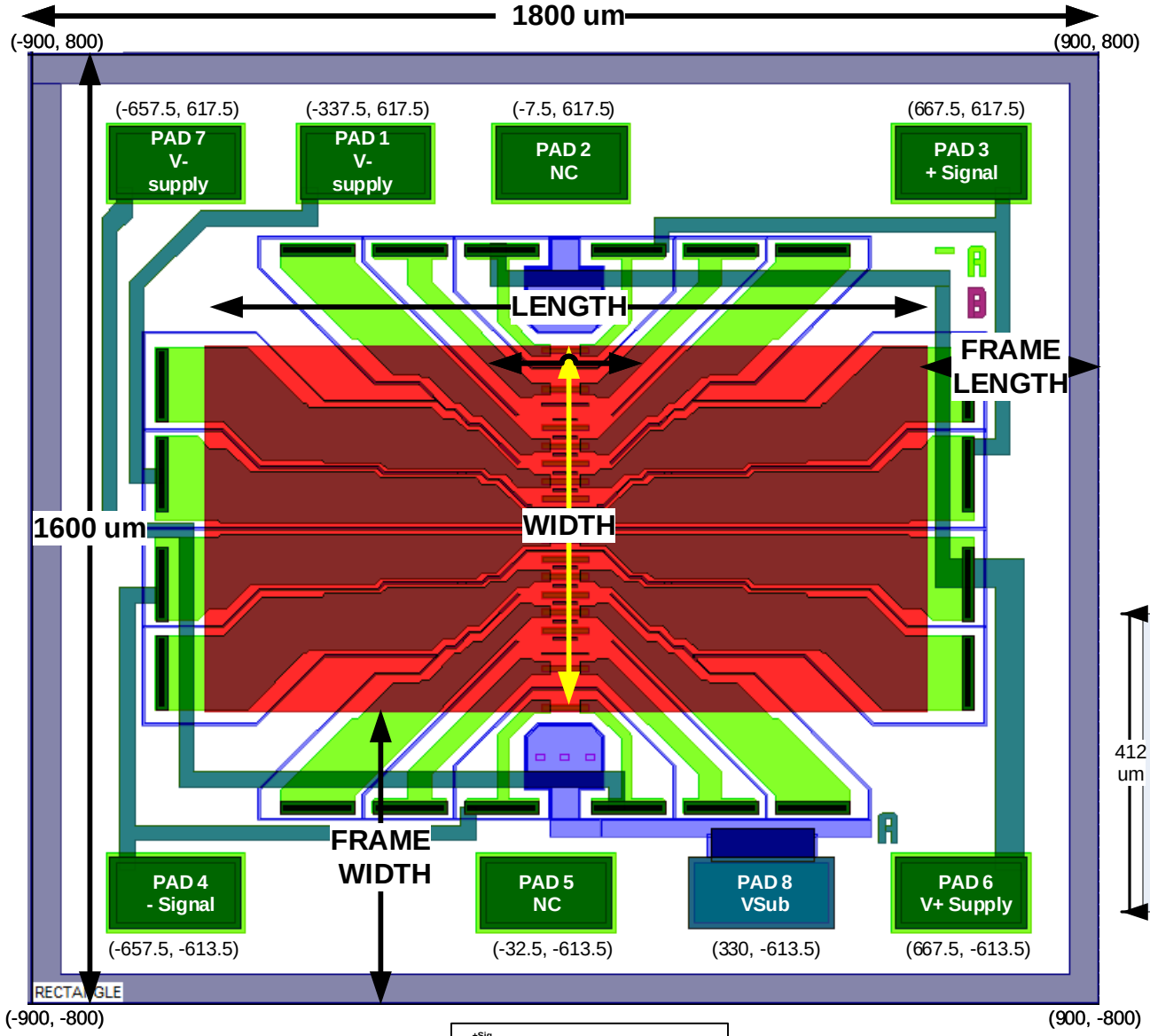
Dimensions

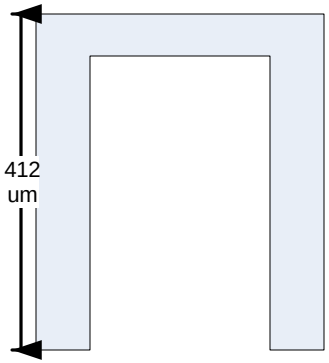


NOTE:

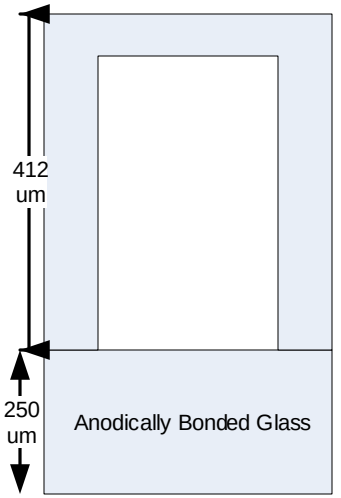
1. All dimensions are in microns
2. Pad Coordinates are Pad Centers from Center of Die
3. Pad Openings are 201 um X 101 um
4. + Signal increases and – Signal decreases when pressure is applied from the top of the die.
5. For maximum performance, VSub (Pad 8) should be tied to the highest voltage in the circuit.

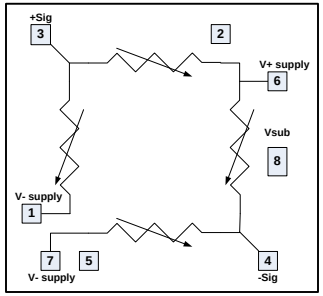
Pressure (PSI)	Cavity Width	Cavity Length	Frame Length – each side	Frame Width – each side
5	515	1215	292.5	542.5
15	482	1034	383	559
30	353	760	520	623.5
50	290	625	587.5	655
100	288	600	600	656
150	164	450	675	718
300	102	300	750	749

Differential/Gauge Cross-section



Absolute Cross-section





Equivalent Circuit and Pad-outs

Acuity Incorporated
Fremont CA 94539 USA

www.acuitymicro.com

Acuity Incorporated

AC3010 Series
Dimensions and Pin-outs

Date: 21 Sept 2017 | By: HVAllen

Revision: C