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PRESS RELEASE

FOR IMMEDIATE RELEASE:

EXPERIENCED SILICON ENGINEERING DIRECTOR & ARCHITECT AVAILABLE IMMEDIATELY

SANTA CLARA, CALIFORNIA, September 4, 2018 – Rafael Betancourt, a leading Touch technologist and former silicon engineering director at Synaptics Inc., today announces he is immediately available for employment. Rafael's current area of expertise is Design and Verification of Analog Mixed-signal capacitive touch controllers. His team has executed AMS verification and modeling of multiple generations of Touch/TDDI controllers. As silicon architect and manager, Rafael has also defined the AMS methodology and CAD flow as well as the ISO-9000 standards for ASIC tapeout (checklists, best practices, etc.) used within the touch team.

"Rafael has contributed to the success of Synaptics over 15 years. During his tenure Rafael took responsibilities as design manager, silicon architect, and AMS verification lead. He was the chip lead for some of the most successful touch controller chips Synaptics manufactured. He has deep knowledge of capacitive touch sensing and TDDI (Touch and Display Driver Integration) systems," said Synaptics' Vice-President of Silicon Engineering, Ozan Erdogan. He continues, *"Currently Rafael spearheads our AMS verification efforts. Under his leadership several complex chips taped out with excellent AMS verification coverage. Rafael is a strong technical leader with a proven track record."*

 "I have known Rafael for over 6 years in various roles […] I found Rafael to be an excellent engineer and leader during the time I worked with him. He was always our go-to guy to solve the most complex of problems, to make sense of large/confusing data or to institute processes to ensure that problems were tackled methodically and in a repeatable manner," said Synaptics' Vice-President of IoT Silicon Engineering, Prashant Shamarao. He continues, *"He drove the transition towards a cutting edge SystemVerilog-based AMS verification methodology that was instrumental in improving coverage for all touch and TDDI ASICs at Synaptics. I have a great deal of respect for Rafael and his leadership and think he would be a great asset to any team."*

When asked why he should be hired, Rafael concluded *"with my breadth of expertise in ultra-high-volume mobile/consumer electronics, extensive deep background and experience in touch sensing technology, and demonstrated leadership ability, you will not find anyone more qualified to join your team."*

About Rafael J. Betancourt: Rafael Betancourt is formerly Director, Analog Mixed-signal System and Verification at the Mobile Silicon Division of [Synaptics, Inc.](#) where he was responsible for a global team that performs AMS verification of complex capacitive touch controllers, as well as integrated Touch & LCD Display Controller ICs (TDDI). He also served as technical lead for various TDDI controller chips. A people-oriented IC Director/Architect with over 30 tapeouts of digital/analog CMOS IC Design experience, Rafael has been directly responsible for the design and release to production of over a billion units. Experienced in complete product lifecycle, from initial conception through design, verification, fabrication & testing, Rafael is driven by project success and the success of the team. For more information, please visit: *www.rafaelbetancourt.com*.

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