

December 20, 2022

## LETTER OF RECOMMENDATION

To Whom It May Concern:

**Ms. Nur Sakinah Asaad, S.T., M.T.** has asked that I prepare this official Letter of Recommendation to support her intention to apply for a Ph.D. program at your university.

Eighteen years ago in 2004 Ms. Asaad completed her first degree (*Sarjana Teknik*, S.T.) in the Department of Electrical Engineering, Hasanuddin University, Makassar INDONESIA, where I myself had been with since 1982 until retired in October 2022. She was one of my best students. Ms. Asaad took all of my classes, mostly in Electronics, Automatic Control, Robotics and Linear Systems area. As I remember it, she always received excellent grades for her test-results, examination and class-papers. She graduated with a cumulative GPA of **3.38** out of **4.00**, which is very satisfactory. I supervised her final undergraduate project on an implementation of the fuzzy logic using Verilog Programming on an FPGA chip .

After the graduation, Ms. Asaad worked with an international mobile-phone company until 2010, then continued her study to an engineering Masters degree program in the most prominent engineering education institution in our country, Bandung Institute of Technology (ITB) and graduated in 2013. She took a teaching position at a state polytechnics in Batam, Indonesia after completed her Masters until recently. This is a unique polytechnics because of its campus' co-location with a semiconductor packaging manufacturing company. Ms. Asaad told me that she is planning to take a Ph.D. program in the field of advanced semiconductor packaging, which I believe is her specialty right now.

Ms. Asaad has a deep involvement and a lot of experiences in several international events. Given her strong perseverance toward goals, I believe she will complete her Ph.D. program at your university on time without any difficulty what so ever. Her ability to express thoughts in speech and writing to the best of my knowledge is far above the average. I do not have any doubt that Ms. Asaad is well prepared to join any research program in her chosen field of advanced semiconductor packaging available at your university.

Should you wish to get any further information, please feel free to contact me, and I will be more than happy to respond to your inquiries.

With kindest regards,



Dr. Ir. H. Rhiza S. Sadjad, M.S.E.E.

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