

To the Graduate Council:

I am submitting herewith a dissertation written by Chia-Han Yang entitled “Reliability Analysis of Nanocrystal Embedded High-k Nonvolatile Memories.” I have examined the final electronic copy of this dissertation for form and content and recommend that it be accepted in partial fulfillment of the requirements for the degree of Doctoral of Philosophy, with a major in Industrial and Information Engineering.

Way Kuo

Major Professor

Yue Kuo

Co-Chair of Committee

We have read this dissertation
and recommend its acceptance:

Peter K. Liaw

Xiaoyan Zhu

Xueping Li

Accepted for the Council

Carolyn R. Hodges

Vice Provost and Dean of the Graduate School