

Ekkachai Ariyasrijit 2009: An Analysis of Revealed Comparative Advantage and Constant Market Share Model: The Case of Electronic Integrated Circuits in Thailand. Master of Economics, Major Field: Economics, Department of Economics. Thesis Advisor: Assistant Professor Sauwaluck Koojaroenprasit, Ph.D. 146 pages.

Objectives of this research are to study about the generality production and exporting of Integrated Circuits industry in Thailand, to analyze comparative advantage in exporting of Thailand Integrated Circuits to major trading partners comparing with the major trading competitors and to investigate factors affecting to export of Thailand's Integrated Circuits to the major trading partners. The major trading partners are Japan, the United States of America, Taiwan and Hong Kong. The major trading competitors are Malaysia, Singapore and Philippines. The period for this study lasts from 2001 to 2006. The revealed comparative advantage index (RCA) and the constant market share model (CMS) are employed to analyze the comparative advantage and the factors affecting the country's export, respectively.

The results of this research indicated that Thailand has comparative advantage including the more export expanding resulting from the increasing import of Japan. For the United State of America, Thailand has comparative advantage including the more export expanding which is the real competitive and from the increasing import of the United States of America. For Taiwan, Thailand has comparative advantage including the export expanding resulting from the increasing import of Taiwan, from the real competitive and export direction adjustment. And Hong Kong, Thailand has decreased comparative advantage. However, Thailand still maintain import expanding ratio which solely resulted from the increasing import of Hong Kong.

Recommendations based on the research results are that government should promote to export more by focusing on country trading partner with good business expansion, concurrently, searching for the country with tendency to import more. In addition, government section should promote to develop the industry and do more research on related field including develop the academic lesson to become more advance resulting in good qualification manpower to support the Integrated Circuits industry of Thailand in the future.

Student's signature

Thesis Advisor's signature

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