

國立交通大學

電信工程學系

碩士論文

應用於毫米波接收機之寬中頻 CMOS 混頻器研究

**Design of Wide-IF-Band CMOS Mixers for  
Millimeter Wave Receiver Application**

研究生：蘇昭維

指導教授：周復芳 博士

中華民國九十八年九月

應用於毫米波接收機之寬中頻 CMOS 混頻器研究

**Design of Wide-IF-Band CMOS Mixers for  
Millimeter Wave Receiver Application**

研究生：蘇昭維  
指導教授：周復芳

Student: Jau-Wei Su  
Advisor: Christina F. Jou



Submitted to Department of Communication Engineering  
College of Electrical and Computer Engineering  
National Chiao Tung University  
In Partial Fulfillment of the Requirements  
for the Degree of  
Master of Science  
in Communication Engineering

September 2009

Hsinchu, Taiwan, Republic of China

中華民國九十八年九月