

**Design and Implementation of CMOS Gm-C IF Filter
Using
Switching Capacitor Array
For
Dual Band Receiver**

**A Thesis Submitted To
Nirma University
In Partial Fulfillment Of The Requirements For
The Degree OF**

**DOCTOR OF PHILOSOPHY
IN
TECHNOLOGY & ENGINEERING**

**By
KEHUL A. SHAH
(09EXTPHDE29)**



**Department of Electronics and Communication Engineering
Institute of Technology, Nirma University
AHMEDABAD-382481
GUJARAT, INDIA
DECEMBER, 2014**