SDI Review Form 1.6

Journal Name:	**Journal of Engineering Research and Reports**
Manuscript Number:	**Ms_JERR_48542**
Title of the Manuscript:	**Design of Common-Source/Drain Active Balun Using 90nm CMOS Technology**
Type of the Article	**Original Research Article**

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

PART 1: Review Comments

	Reviewer's comment	Author's comment *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments		
Minor REVISION comments	Manuscript is very well written and easy for reviewers and reader to understand the purpose of using Balun and its advantages. Results are discussed thoroughly. Did the author use the generic 90nm PDK from Cadence to draw the layout or circuit? Can author be more specific? Are you using Spectre Circuit Simulator or Virtuoso Layout Suite? If it is only by using Circuit simulation, how does the 90nm process is implemented? It would be better if the equation are written using MathType or Equation editor? Please use subscript or superscript for V_1, V_2, R_1, R_1, V_{GS}, V_T, etc as it is more neat. Please explain what is PSS+PNoise	
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

Name:	*Michael Loong Peng Tan*
Department, University & Country	*Universiti Teknologi, Malaysia*